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D4.6
A web platform for personalized goal setting, tips & tricks, and social gamification

Safe tolerance zone calculation and interventions for driver-vehicle-environment interactions under challenging conditions

iDREAMS

Project identification

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1 Introduction

One of the main objectives of WP4 is the technical implementation of driver assistance interventions (i.e. in real-time while driving) and post-trip (i.e. providing feedback about the safety performance of the driver and using goal setting and social gamification schemes for long-term sustainable behavioural change) for different risk-related scenarios.

The i-DREAMS platform adopts two strategies for post-trip interventions, i.e. on the one hand a strategy targeted at providing personalized feedback about driver/operator behavioural aspects of the past trip with a direct link to safety (overall safety score, speeding, mobile phone usage, etc.) and ecological driving, and on the other hand, a strategy called feed and feed forward targeted at setting safety behavioural goals and supported by social gamification schemes. Two user-friendly technologies are developed for this, i.e. a smartphone app and a web-based platform.

A web-platform software for goal setting and social gamification (feed and feed forward) has been developed where the fleet managers/operators are able to set and receive goals and configure or consult a set of gamification features to improve driver behaviour in a sustainable way. Based on the safety driver performance of the individual, new personalized goals are communicated to the driver on the smartphone app and tips, tricks and rewards are provided to achieve those goals. The fleet manager/operator is also able to see the safety driver performance in relation to fellow drivers. The web-application is fed by information from the i-DREAMS post-trip intervention backend through a REST API. The web platform, its realization and functionalities, is the subject of this deliverable.

1.1 Deliverable overview and report structure

This text accompanies the software deliverable D4.6: A web platform for personalized goal setting, tips & tricks, and social gamification. Section 2 describes the i-DREAMS framework components and data flow, and situates the web platform in this framework. Section 3 presents the approach that was taken in developing the website, and the technologies that were leveraged. In section 4 we give a high-level overview of the web platform and its different functionalities and screens. This text has an appendix Powerpoint presentation which shows the screens and functionalities of the website in detail. The code artefacts of the web platform are available on a Gitlab repository, to which access can be provided on request.

2 i-DREAMS platform: components and data flow

The i-DREAMS architecture consists of several input, output and processing (server) components, as shown in Figure 1: i-DREAMS platform: components and data flow. Different components communicate with each other through a REST API interface.

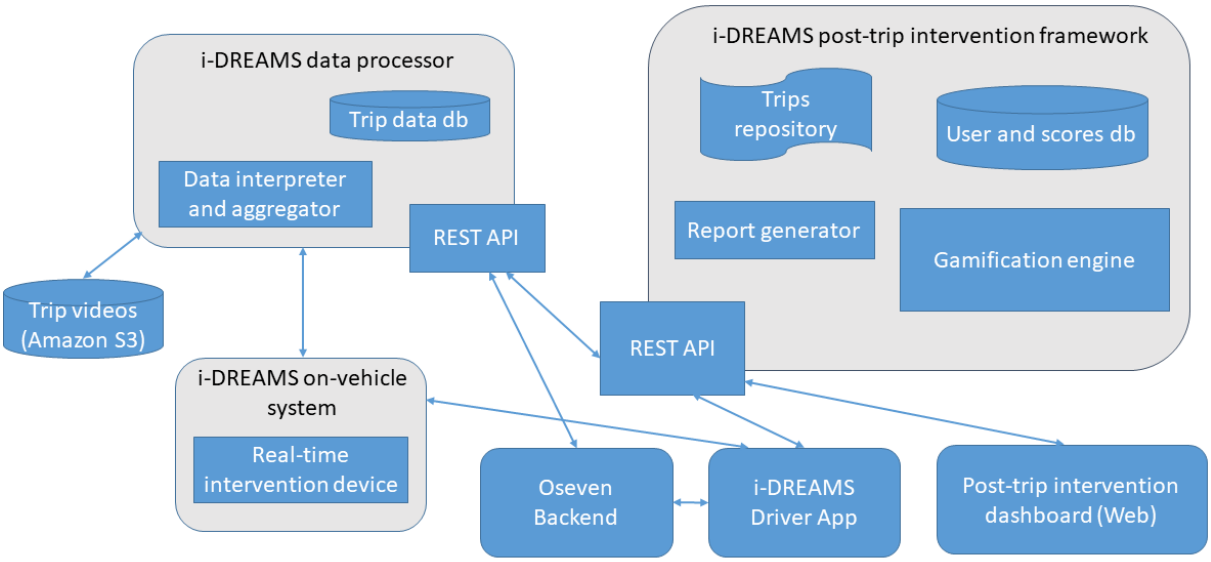

Figure 1: i-DREAMS platform: components and data flow

The i-DREAMS platform consists of the following input components:

- **i-DREAMS on-vehicle system**: gathers real-time data relevant for real-time interventions and stores a part of this data (on the Cardio Gateway) to be sent through to the i-DREAMS data processor.
- **i-DREAMS driver app**: gathers data used for post-trip interventions and sends it to the OSeven backend for processing.
- **OSeven backend**: processes data sensed on the driver app and makes it available to the i-DREAMS data processor. It also provides a service to derive speeding events to the post-trip intervention framework.

The i-DREAMS platform consists of the following output components:

- **i-DREAMS real-time intervention device**: visually shows real-time interventions to the driver.
- **i-DREAMS driver app**: shows scores and other gamification elements to the driver (post-trip intervention).
- **i-DREAMS post-trip intervention dashboard (Web)**: allows the company coach and manager to analyse behaviour evolution of its drivers. The i-DREAMS controller also uses the dashboard to configure gamification functionality for each project.

The i-DREAMS platform consists of the following processing/backend components:

- **i-DREAMS data processor**: receives data from the i-DREAMS on-vehicle system and the i-DREAMS driver app, processes and stores it. It exposes an API to the i-DREAMS post-intervention framework which can get the necessary data from it. Each time new trip data is available, the post-trip intervention backend gets notified and can synchronize this trip data.

- **i-DREAMS post intervention framework**: contains trip information and a database with scores for all relevant performance objectives, which it generates from the data obtained from the i-DREAMS data processor. The driver app and the web dashboard use its API for their operations.

The i-DREAMS post-trip intervention framework provides the driver with scores on the following performance objectives, which are grouped into safety promoting goals:

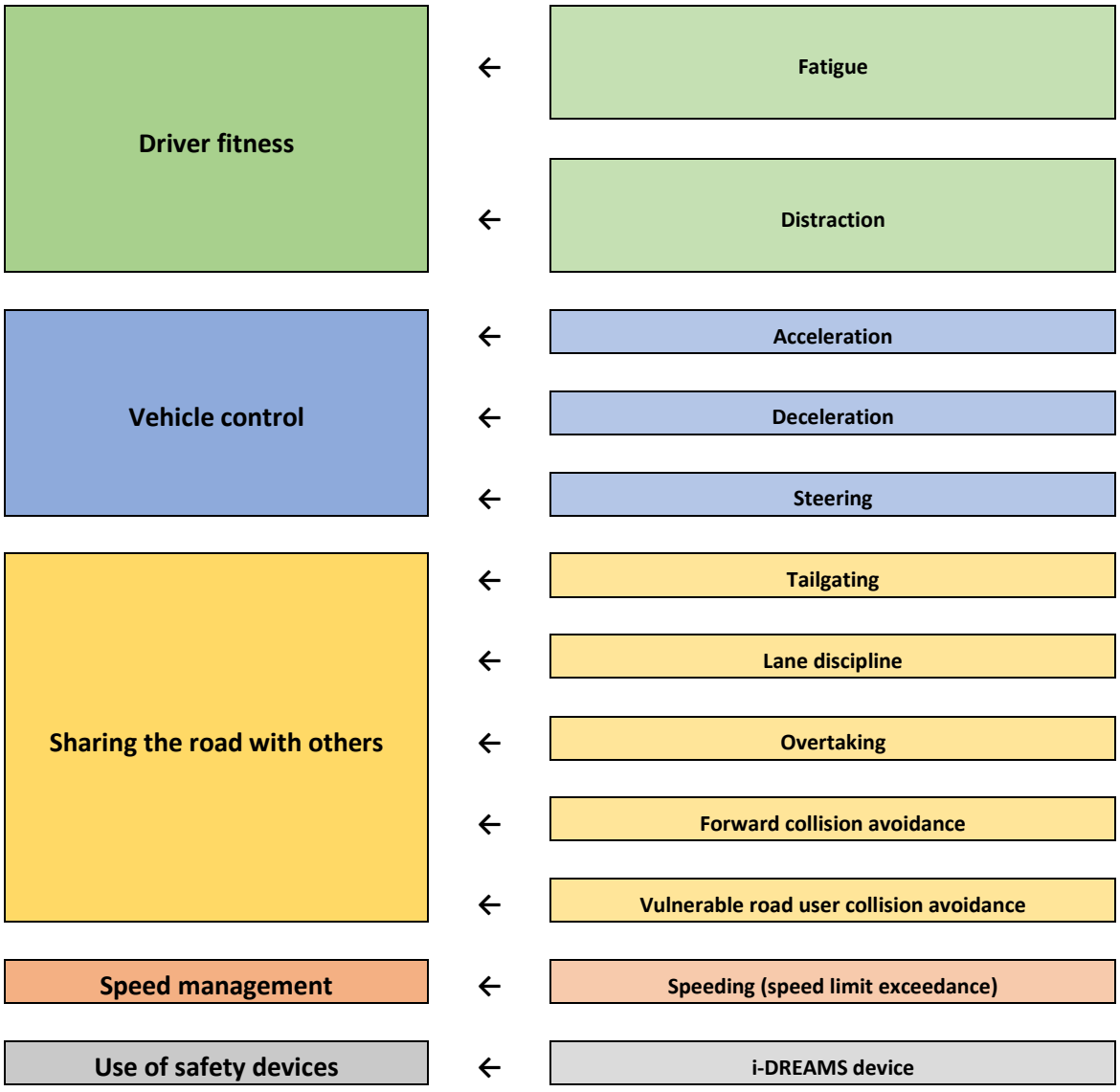

Figure 2: Safety promoting goals and performance objectives

For the post-trip intervention framework to calculate the scores for these performance objectives, it needs to get data from the i-DREAMS data processor, which has cleaned, interpreted and aggregated the data it received from the different input components. The post-trip intervention framework receives general trip data (start and end time, location trace, fuel consumption, distance) and pre-processed data. The former will be stored in the trips repository, and the latter is fed into the scores generator, which will generate scores for the different performance objectives and store them in the scores database.

Scores data is the starting point for the gamification engine. A complete overview of gamification theory and its features can be found in the deliverable i-DREAMS: D3.3 Toolbox of recommended interventions to assist drivers in maintaining a safety tolerance zone. These scores are shown to the user and are the basic metric by which users can track their progress for a given performance objective. The scores also drive forward the other gamification elements:

- A leaderboard which ranks drivers according to their score.
- Goals taken up by drivers trying to achieve a minimal score within a given time or distance.
- Badges earned when achieving goals for specific performance objectives.
- Credits associated with achieving a good score, with which drivers can buy items in a shop.

Supporting information like advantages and disadvantages of certain behaviour, and tips to achieve a specific goal, are also managed by the gamification engine.

All together, the post-trip intervention framework and its gamification engine manage the gamification experience for the user and provide all necessary information to the i-DREAMS app by its REST API.

The post-trip intervention dashboard interacts with the post-trip intervention backend (REST API) and provides information to project managers which can manage the gamification experience and follow the behavioural evolution of its drivers.

3 i-DREAMS web platform: technical overview

The i-DREAMS web platform uses Angular as a framework for implementation, and a RESTful API for communication with the backend. The development approach and architecture focused on the following non-functional requirements:

- Use of mainstream technologies: Angular and REST are the most popular, extensive and well-supported technologies for web development. Angular libraries (for a full overview, see section 3.2) like D3 and Chart.js for visualization of charts are well-established. For web-based map visualization, Leaflet was used.
- Content genericity and adaptability: Gamification features are highly configurable. The driving behaviour parameters (safety promoting goals and performance objectives) could be changed or extended in the future. The website dynamically decides which content to load based on the set of behaviour parameters per project, a project being a company or field trial unit participating to i-DREAMS.
- Use of open data: for showing map tiles, we used OpenStreetmap, which is non-proprietary data.
- Flexible, iterative, traceable development: agile Scrum development, using a development tool stack that is standard in industry (see section 3.1).

3.1 Development methodology and tools

The i-DREAMS web platform was realized using an agile (Scrum) development methodology, in which functionalities are described in stories, that are selected and grouped in sprints of 2 weeks. Each sprint represents an iteration in the development process. In this way, development was efficient, flexible and traceable. The following tools supported this process:

- Jira: management of Scrum boards which contain the stories and sprints.
- Confluence: documentation of implementation decisions, API and stories.
- Gitlab: code repository tool.
- Slack: for daily and efficient communication between team members.
- GitFlow: as a basic branching approach for git.
- CI/CD: continuous integration of code via GitFlow, and Docker-based deployment in a development, test and production environment.
- IntelliJ IDEA: for code implementation.

3.2 Technologies and libraries

The i-DREAMS web platform was developed in Angular 9, which is one of the most commonly used state-of-the-art JavaScript technology for development of web-based frontends.

For communication with the backend, a REST API is provided (documented in Confluence), with calls that are tailored to the functionalities needed in the website, improving communication efficiency and processing needs on the client.

The following libraries were used in the web platform:

```
"dependencies": {
    "@angular/animations": "~10.0.0-next.4",
    "@angular/cdk": "^9.2.4",
    "@angular/common": "~10.0.0-next.4",
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    "@crystalui/angular-lightbox": "^1.1.8",
    "@fortawesome/fontawesome-free": "^5.13.0",
    "@ng-bootstrap/ng-bootstrap": "^6.1.0",
    "@types/d3": "^5.16.3",
    "@types/googlemaps": "^3.39.8",
    "@types/leaflet-routing-machine": "^3.2.2",
    "@types/leaflet.markercluster": "^1.4.3",
    "@types/moment-duration-format": "^2.2.2",
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```

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    "video.js": "^7.0.3",
    "zone.js": "~0.10.2"
  },
  "devDependencies": {
    "@angular-devkit/build-angular": "~0.1000.0-next.3",
    "@angular/cli": "~10.0.0-next.3",
    "@angular/compiler-cli": "~10.0.0-next.4",
    "@angular/language-service": "~10.0.0-next.4",
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    "@types/jasminewd2": "~2.0.3",
    "@types/leaflet": "^1.5.19",
    "@types/leaflet-draw": "^1.0.3",
    "@types/node": "^12.11.1",
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    "typescript": "~3.8.3"
  }
```

4 i-DREAMS web platform: structure and functionalities

The i-DREAMS web platform software enables goal setting and social gamification (feed and feed forward). Fleet managers/operators are able to set and receive goals and configure or consult a set of gamification features to improve driver behaviour in a sustainable way. Based on the safety driver performance of the individual, new personalized goals are communicated to the driver on the smartphone app and tips, tricks and rewards are provided to achieve those goals. The fleet manager/operator is also able to see the safety driver performance in relation to fellow drivers.

The i-DREAMS web platform contains the following functionalities, of which the site map is shown in Figure 3: i-DREAMS web platform site map:

- *Drivers:*
    - Individuals: an overview of drivers within a project, with basic metrics like number of trips for each driver. Also driver administration is available in this screen.
    - Groups: functionality to view, edit and create groups of drivers.
- *Leaderboards*: ranking of drivers in a project according to scores.
- *Results*:
    - Trips: a listing of the trips performed by specific drivers.
        - Trip score: detailed view of the scores on performance objectives for a trip of a driver.
        - Map: view of the trip and the events related to performance objectives on a map.
    - Scores: time evolution of project-average and driver-specific scores for performance objectives and safety promoting goals.
    - Reports: possibility to generation PDF reports containing driver or project performance.
- *Gamification*:
    - Tips: view, edit and create a list of coping tips to improve driving behaviour related to specific performance objectives.
    - Pros/cons: view, edit and create a list of advantages and disadvantages of certain driving behaviour related to specific performance objectives.
    - Goals/badges: view, edit and create a list of goals for specific performance objectives for a group of drivers.
    - Credits: configure credits in the project.
    - Shop: configure items in the shop for a project.
    - Survey: list, edit and create questions for use in surveys performed by drivers.
    - Phases: configuration of available functionalities in the i-DREAMS app given the different psychological profiles of drivers.
- *Forum*: functionality to communicate with drivers by sending messages.
- *Contact us*: i-DREAMS information and contact details.

Figure 3: i-DREAMS web platform site map

In the remainder of this section, the most important screens of the web platform are shown and explained. For a full overview of functionalities and screens, we refer to the appendix of this deliverable. The following sections and the appendix are intended to give an overview of the functionalities realized in the i-DREAMS web platform software deliverable. As such, it is not the scope of this deliverable to provide a manual or instructions on how to use the software in practice. A manual with full description of functionalities and instructions on how to use the software will be included in Deliverable 4.7: A guide for driver/operator coaches and trainers on improving safety and ecological driving culture in transport companies based on real driver data.

4.1 Drivers: individuals and groups

The drivers screen (Figure 4)allows for administration of and viewing information on individual drivers and groups of drivers. For an individual driver, we show the transportation type according to which she/he is driving, her/his behavioural (psychological) phase, the group to which the driver belongs, the number of credits obtained, the badges gathered, and basic driving information (number of trips, time driven, distance driven). Drivers can be added or deactivated, and transport type, behavioural phase and driver personal information can be edited here.

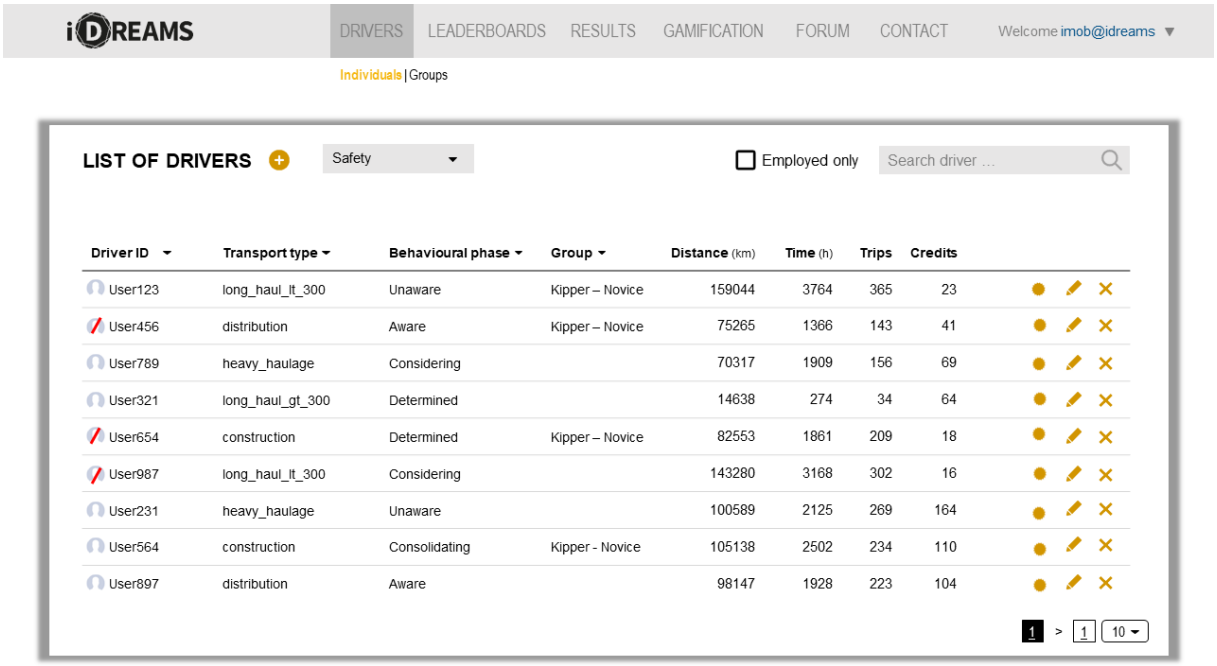

Figure 4: i-DREAMS web platform: list of drivers

The groups screen (Figure 5) gives a list of the available groups of drivers in the project, with the possibility to create, edit and delete a group, and to see the detailed information about a group.

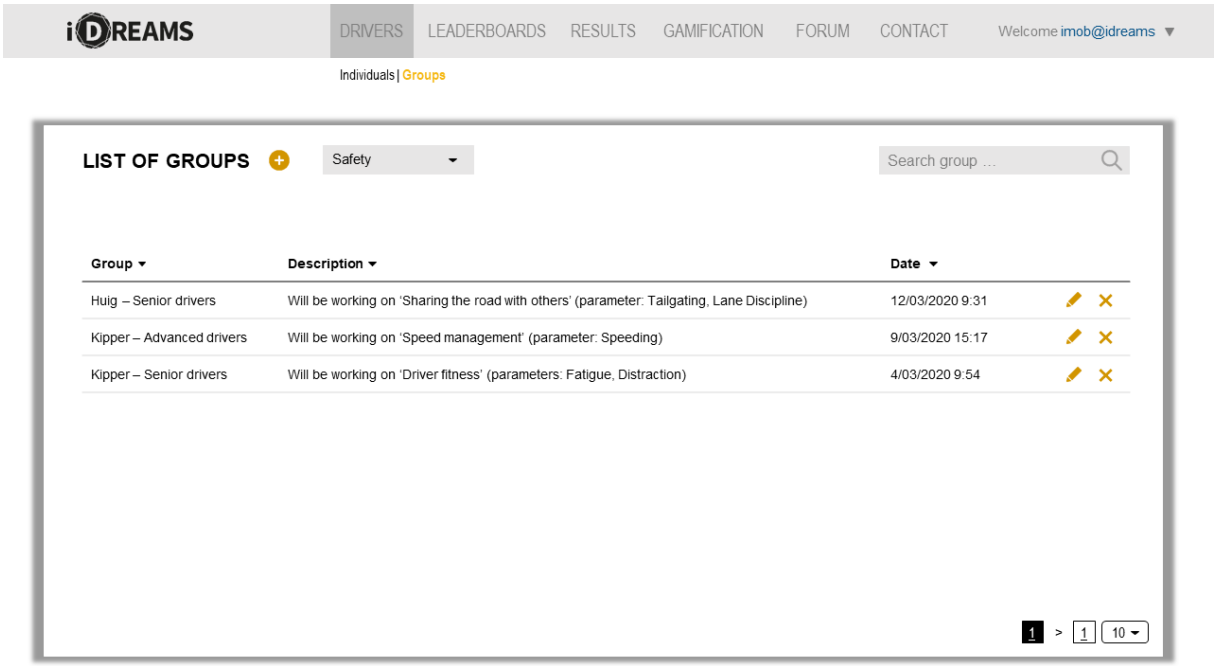

Figure 5: i-DREAMS web platform: list of groups

Group details are shown in Figure 6. The group consists of a number of group members (drivers), who are working on a set of safety promoting goals and performance objectives.

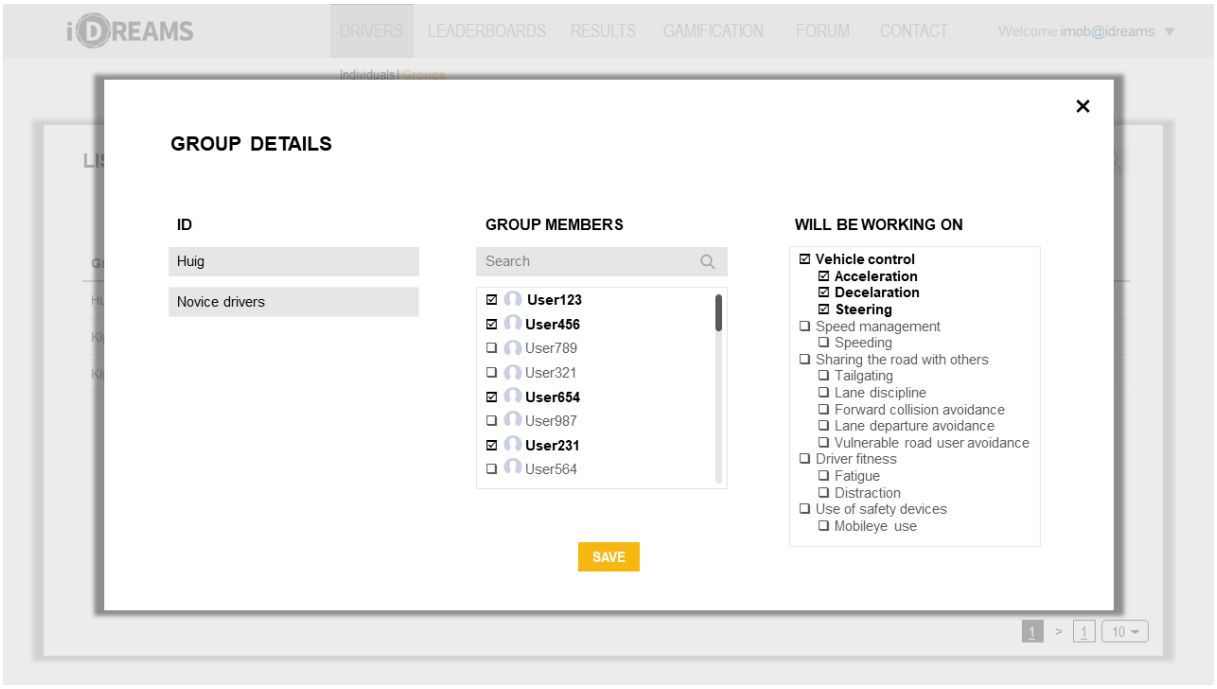

Figure 6: i-DREAMS web platform: group details

4.2 Leaderboards

The leaderboards screen shows a ranking of drivers (with their score and position change in the ranking). The leaderboard can be filtered according to target audience, behavioural phase, and the ranking position can be changed according to different timings.

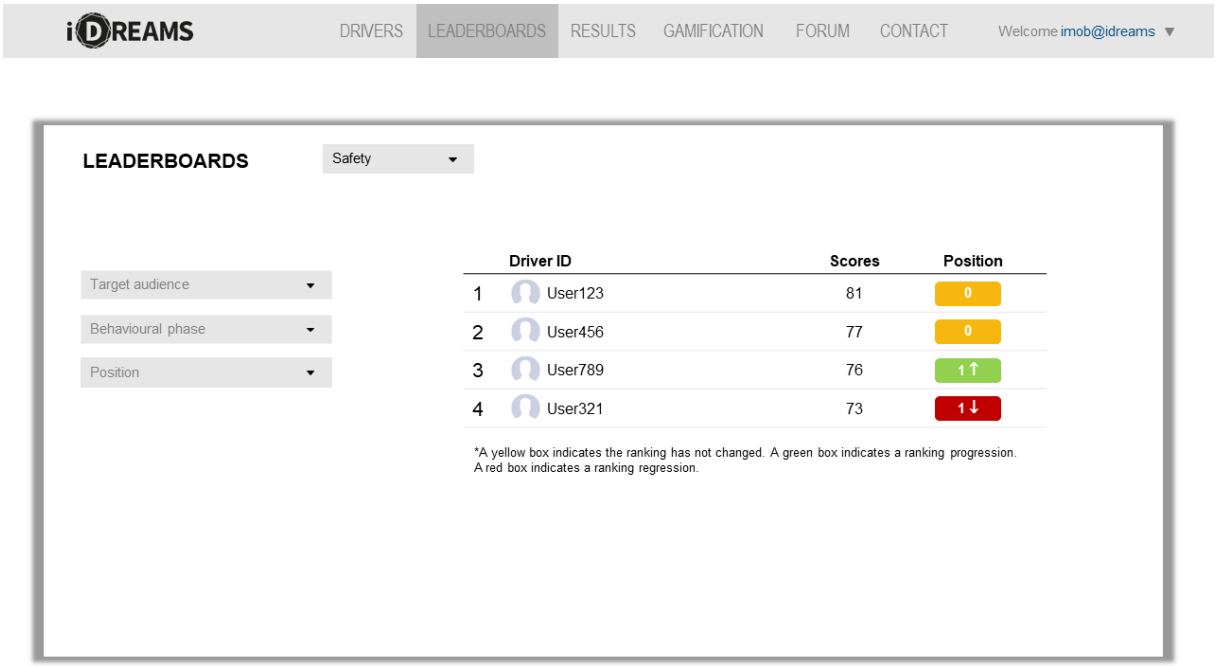

Figure 7: i-DREAMS web platform: leaderboard

4.3 Results: trips

The trips screen (Figure 8) gives a listing of the trips performed by a selected driver. By clicking on a trip in the list, the scores and number of events are shown for each performance objective.

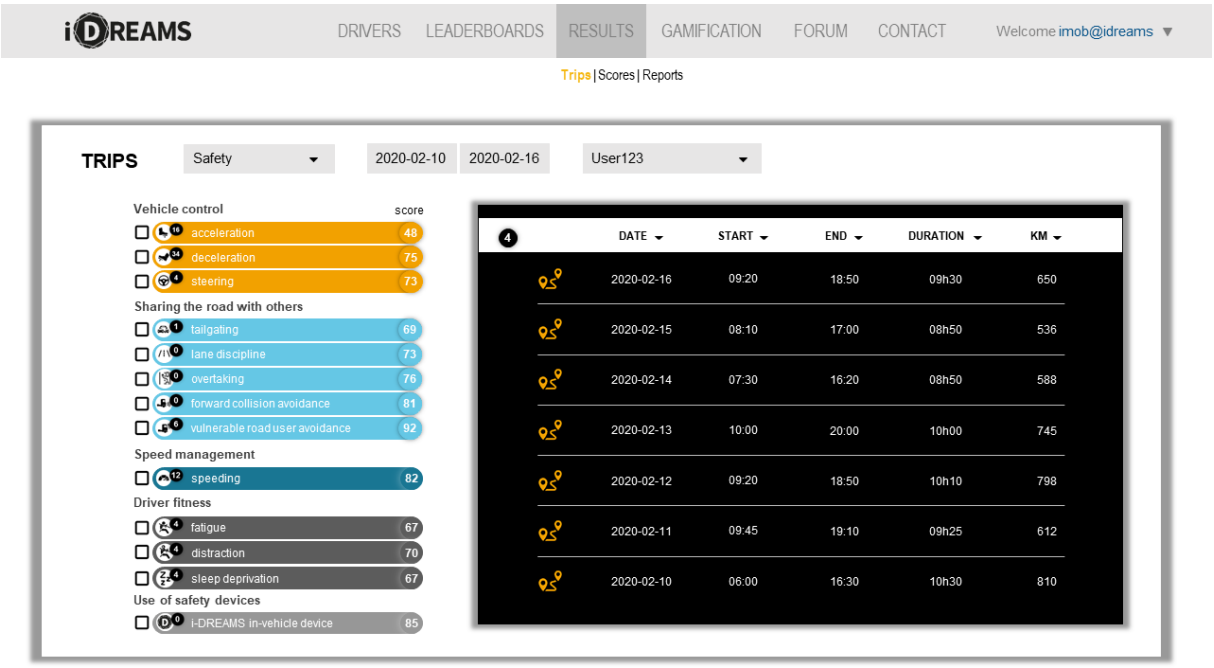

Figure 8: i-DREAMS web platform: results - trips

By clicking on the route icon of a specific trip, a trace of the trip with performance objective events as markers on the trace is shown in a map (Figure 9). Events can be filtered according to performance objective, and by clicking on an event, detailed information (and where available a video) is shown.

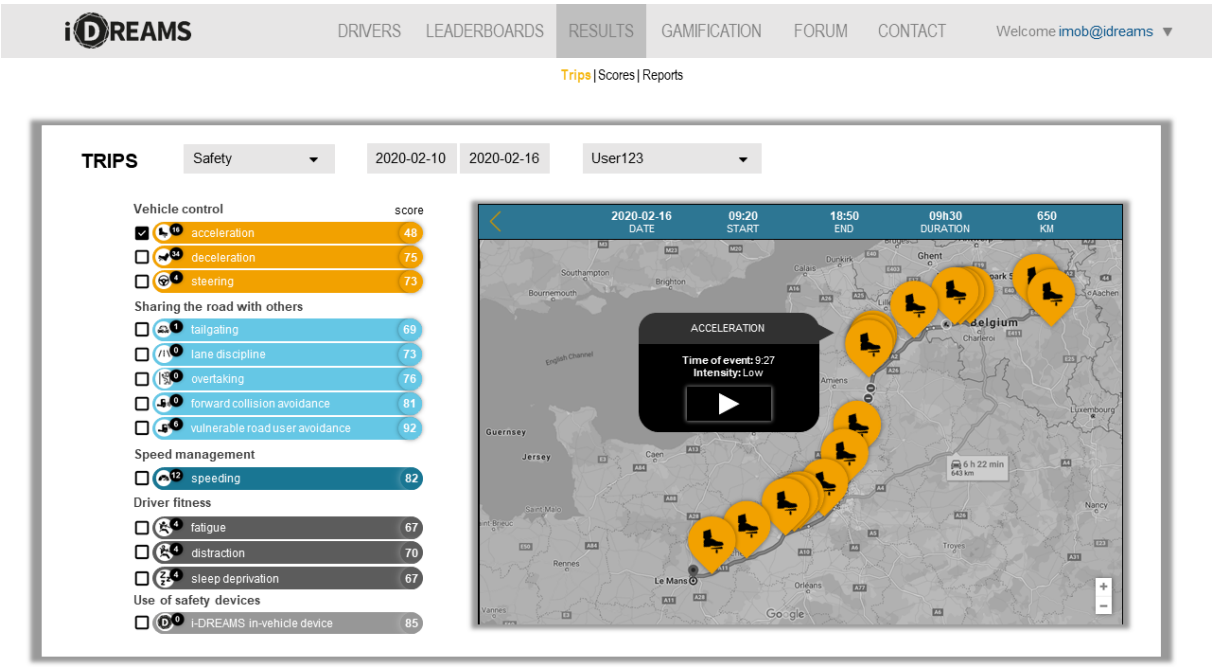

Figure 9: i-DREAMS web platform: results - trip details

4.4 Results: scores

The scores screen (Figure 10) shows the scores for the different performance objective (per driver, or averaged over all drivers in the project). The time interval (from a specific date until a specific date) and the granularity of aggregation (day, week, month) can be selected.

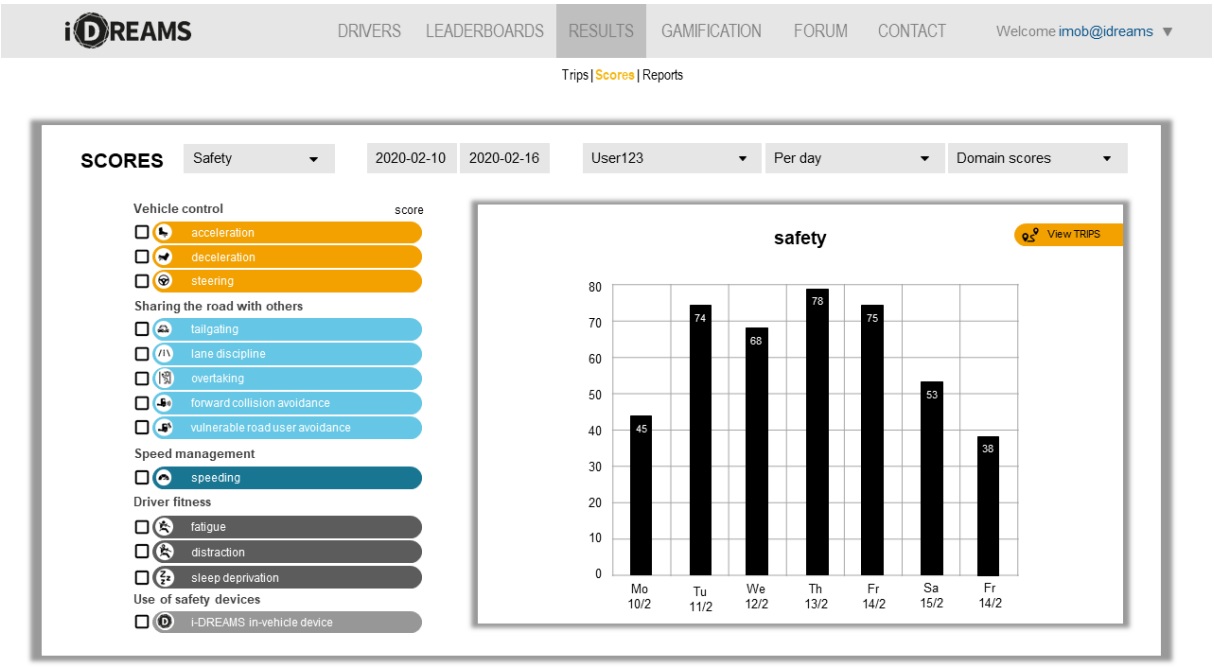

Figure 10: i-DREAMS web platform: results - scores

4.5 Gamification: coping tips – pros and cons

Coping tips, advantages and disadvantages related to specific performance objectives can be listed, created, edited and removed in the screens shown in Figure 11 and Figure 12.

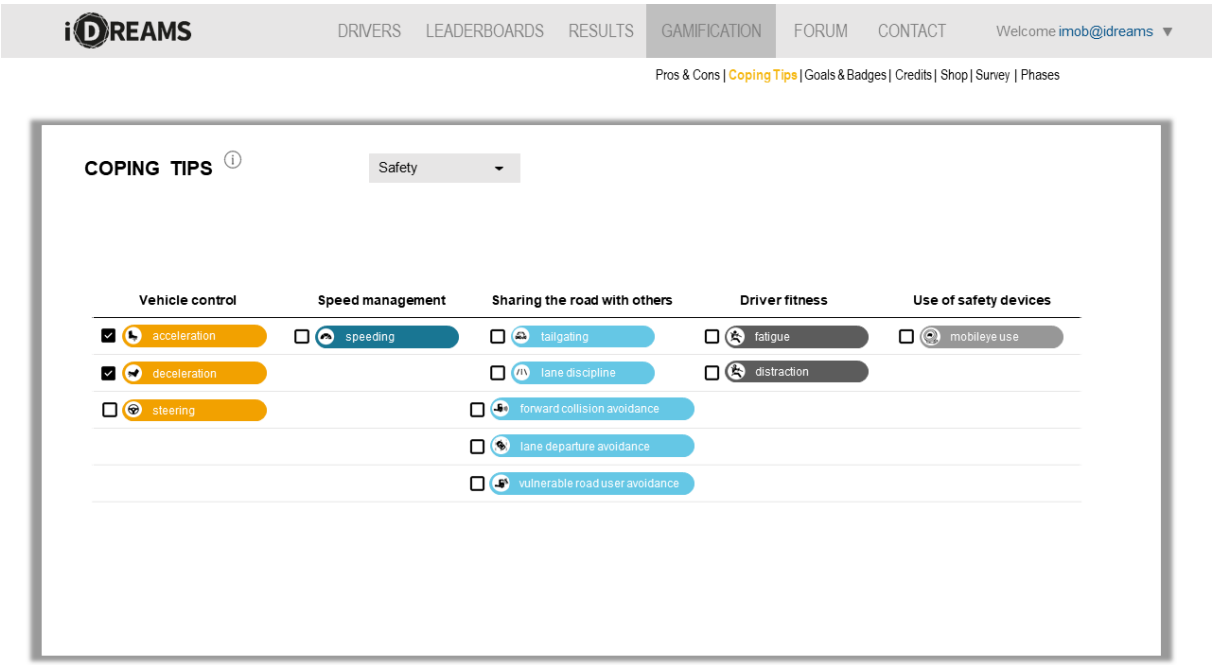

Figure 11: i-DREAMS web platform: gamification - coping tips

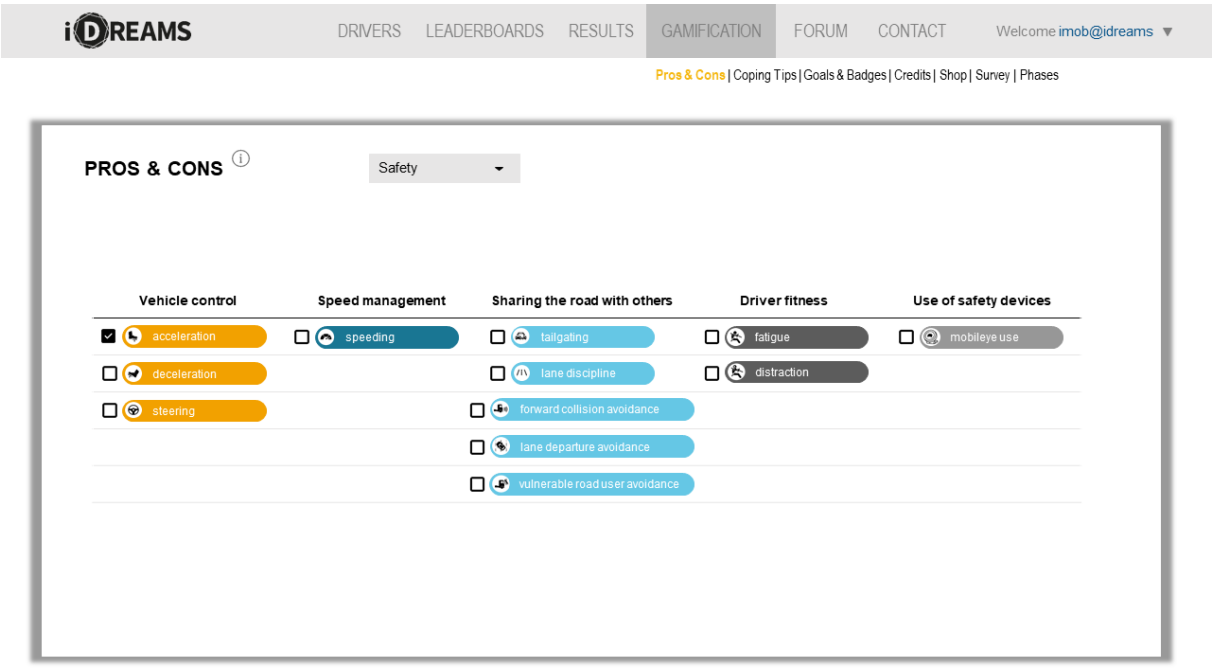

Figure 12: i-DREAMS web platform: gamification - pros and cons

4.6 Gamification: goals and badges

Goals for each performance objective can be listed and edited in the goals screen (Figure 13 and Figure 14).

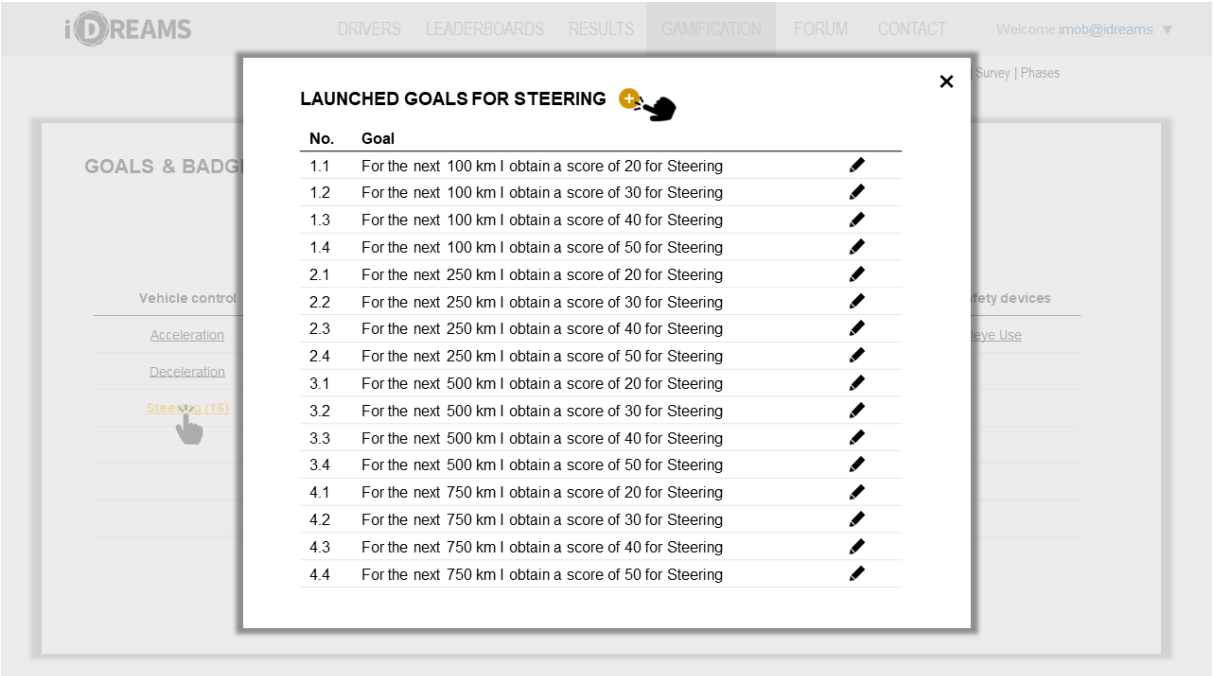

Figure 13: i-DREAMS web platform: gamification - goals

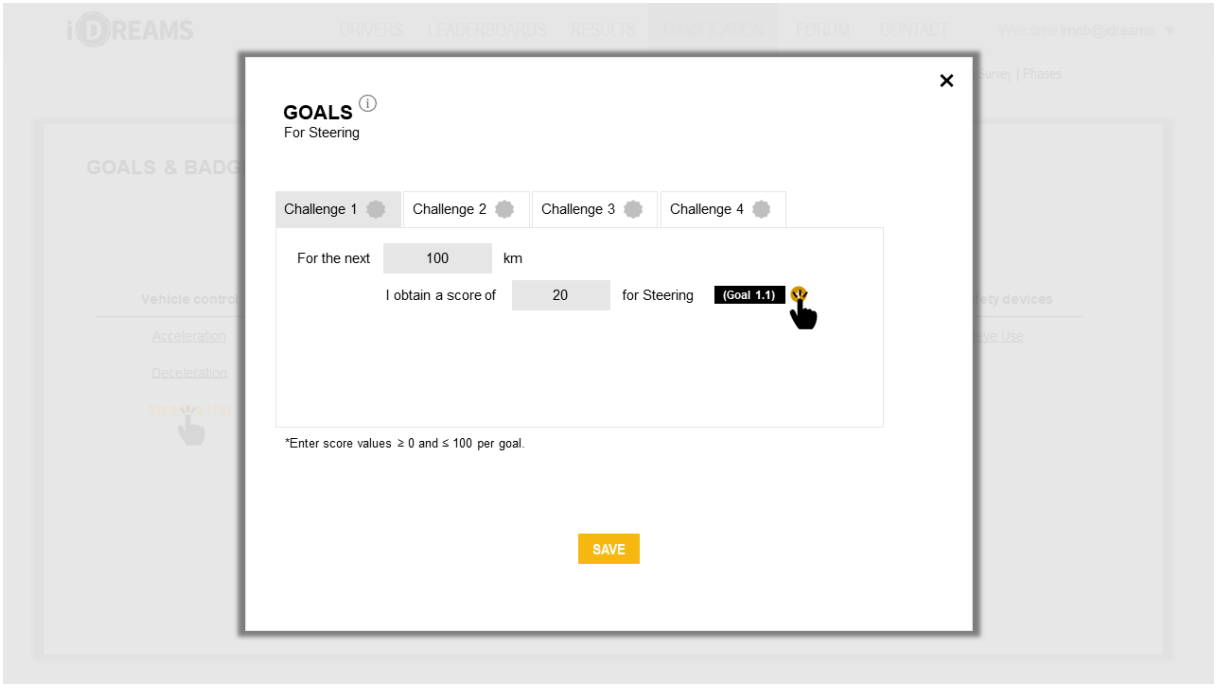

Figure 14: i-DREAMS web platform: gamification - new goals

Badges can be obtained when a driver succeeds in a set of goals for a performance objective. 4 different badges have been defined: bronze, silver, gold and platinum, which can be obtained in increasing levels of difficulty (expressed by subsequent sets of goals). The badges obtained by a driver are shown in Figure 15.

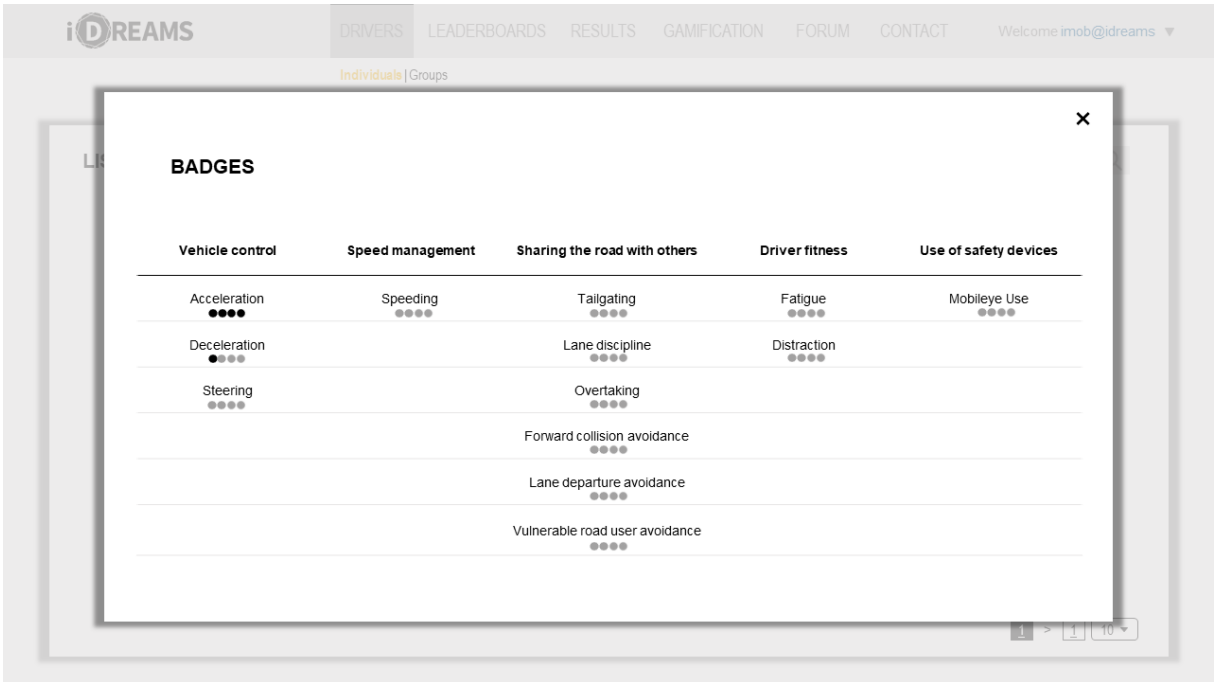

Figure 15: i-DREAMS web platform: badges

4.7 Gamification: surveys

A driver can perform surveys in the i-DREAMS smartphone app which increase his/her knowledge with respect to safety promoting goals and performance objectives. Survey management and adding/editing/removing questions is possible in the survey screen (Figure 16).

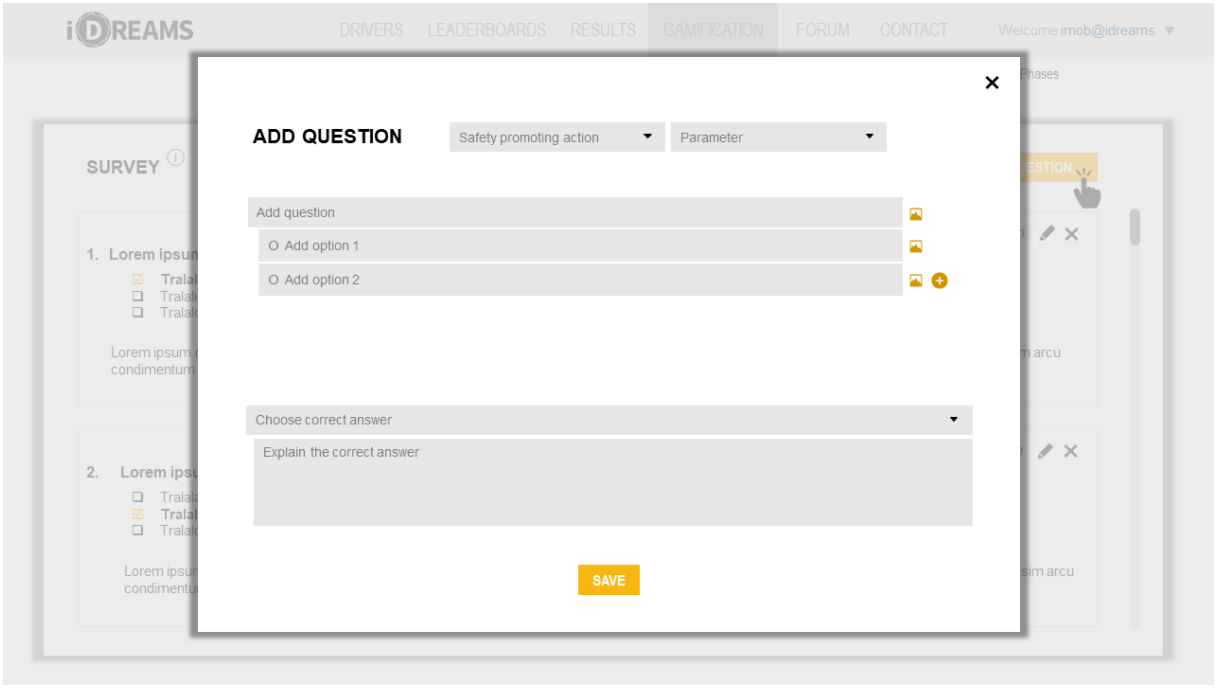

Figure 16: i-DREAMS web platform: gamification - survey

4.8 Gamification: shop

The project leader can administer the items in the shop: adding, editing and removing products (Figure 17)

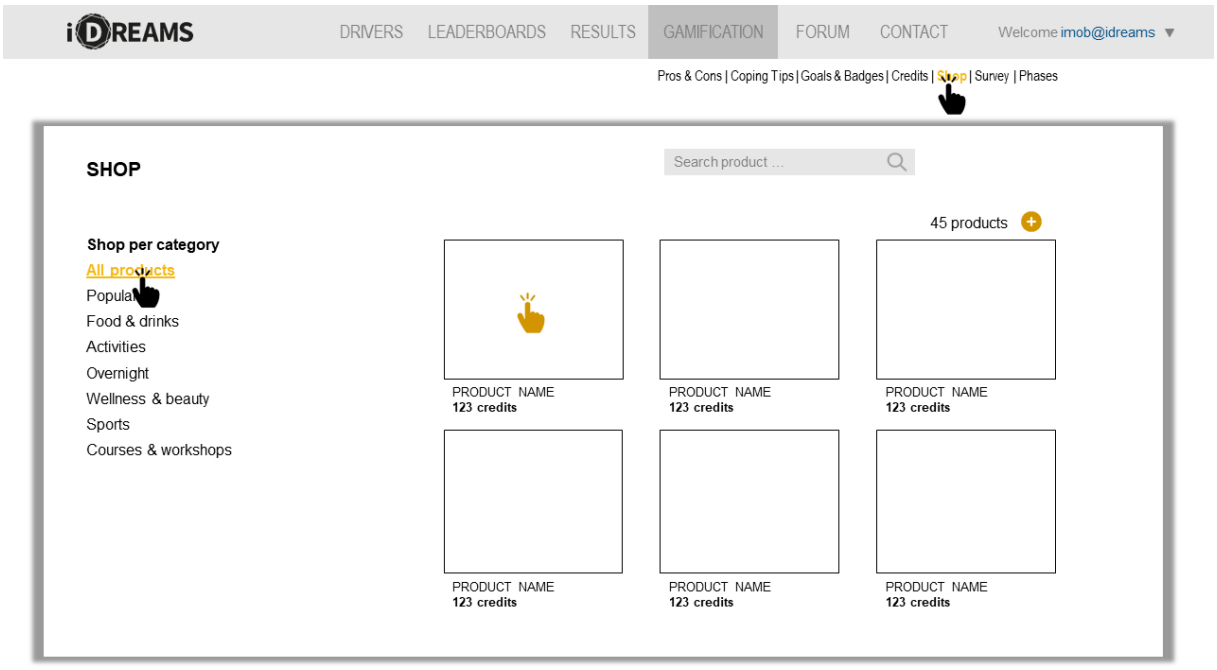

Figure 17: i-DREAMS web platform: gamification - shop

4.9 Gamification: phases

Gamification features will be available in the i-DREAMS smartphone app according to which psychological profile (behavioural phase) the user is in. If needed the functionalities available corresponding to the different psychological profiles can be changed in the screen shown in Figure 18.

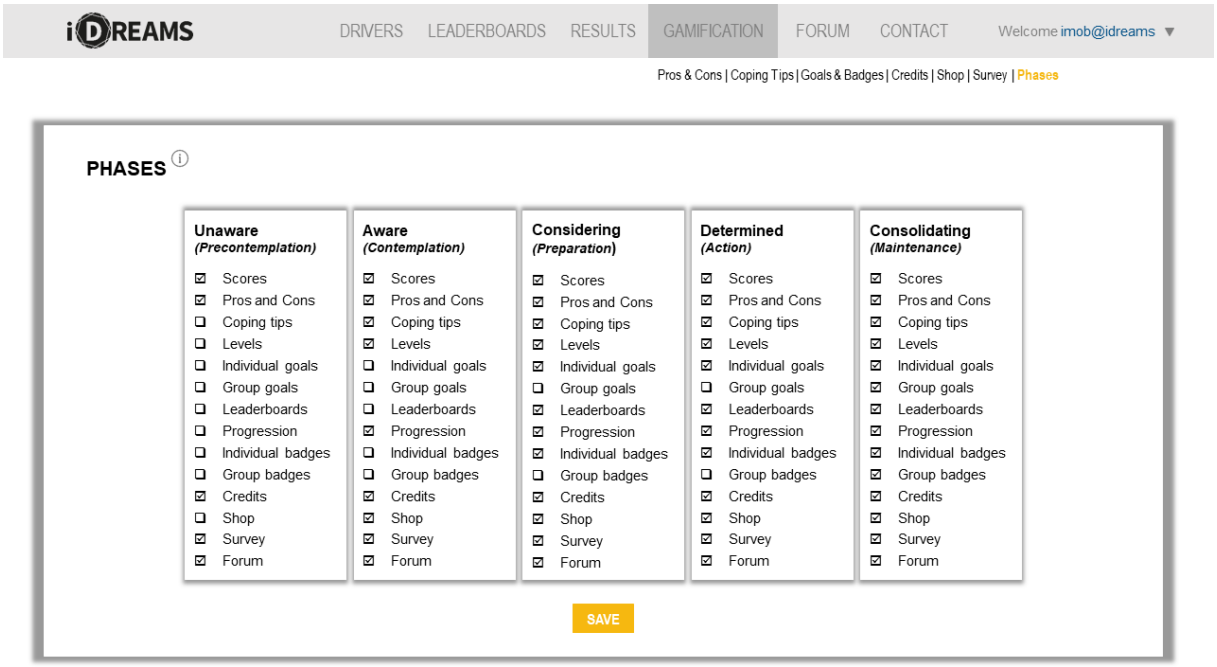

Figure 18: i-DREAMS web platform: gamification - phases

4.10 Forum

The project leader can view and post messages to a specific driver, a group of drivers, or all drivers in the project. He can consult replies to messages, and see how many views or likes a specific message got (Figure 19).

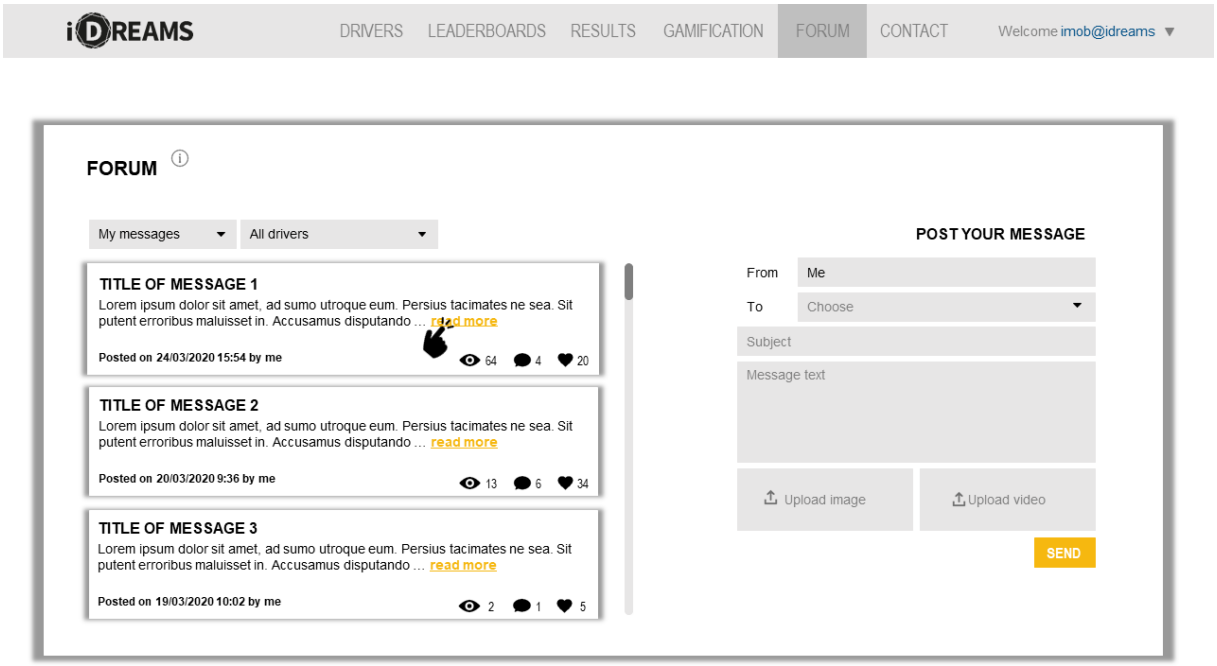

Figure 19: i-DREAMS web platform: forum

5 Summary

This text provided an overview of the place of the i-DREAMS web platform in the overall i-DREAMS software framework, the approach and technological decisions that were taken, and the main functionalities that were realized in this web platform. In providing a qualitative, state-of-the-art, flexible and dynamic web platform, we realize the two strategies for post-trip interventions fundamental to the i-DREAMS approach, i.e. on the one hand a strategy targeted at providing personalized feedback about driver/operator behavioural aspects of the past trip with a direct link to safety (overall safety score, speeding, mobile phone usage, etc.) driving, and on the other hand, a strategy called feed and feed forward targeted at setting safety behavioural goals and supported by social gamification schemes.

Username imob@idreams

Password '@SQr5y7Wp=;f6j[

LOGIN

Choose project Company X

OK

LIST OF DRIVERS

Safety

Employed only

Search driver …

Driver ID	Transport type	Behavioural phase	Group	Distance (km)	Time (h)	Trips	Credits
User123	long_haul_lt_300	Unaware	Kipper – Novice	159044	3764	365	23
User456	distribution	Aware	Kipper – Novice	75265	1366	143	41
User789	heavy_haulage	Considering		70317	1909	156	69
User321	long_haul_gt_300	Determined		14638	274	34	64
User654	construction	Determined	Kipper – Novice	82553	1861	209	18
User987	long_haul_lt_300	Considering		143280	3168	302	16
User231	heavy_haulage	Unaware		100589	2125	269	164
User564	construction	Consolidating	Kipper - Novice	105138	2502	234	110
User897	distribution	Aware		98147	1928	223	104

LIST OF DRIVERS

Safety

Employed only

Search driver …

Driver ID	Transport type	Behavioural phase	Group	Distance (km)	Time (h)	Trips	Credits
User123	long_haul_lt_300	Unaware	Kipper – Novice	159044	3764	365	23
User456	distribution	Aware	Kipper – Novice	75265	1366	143	41
User789	heavy_haulage	Considering		70317	1909	156	69
User321	long_haul_gt_300	Determined		14638	274	34	64
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User987	long_haul_lt_300	Considering		143280	3168	302	16
User231	heavy_haulage	Unaware		100589	2125	269	164
User564	construction	Consolidating	Kipper - Novice	105138	2502	234	110
User897	distribution	Aware		98147	1928	223	104

BADGES

Vehicle control	Speed management	Sharing the road with others	Driver fitness	Use of safety devices
Acceleration	Speeding	Tailgating	Fatigue	Mobileye Use
Deceleration		Lane discipline	Distraction	
Steering		Overtaking		
		Forward collision avoidance		
		Lane departure avoidance		
		Vulnerable road user avoidance		

LIST OF DRIVERS

Safety

Employed only

Search driver …

Driver ID	Transport type	Behavioural phase	Group	Distance (km)	Time (h)	Trips	Credits
User123	long_haul_lt_300	Unaware	Kipper – Novice	159044	3764	365	23
User456	distribution	Aware	Kipper – Novice	75265	1366	143	41
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User564	construction	Consolidating	Kipper - Novice	105138	2502	234	110
User897	distribution	Aware		98147	1928	223	104

DRIVER DETAILS

ID

User123

long_haul_lt_300

Unaware

Kipper - Novice

CONTACT DETAILS

Edith

Donders

Peperblook 37

3600 Genk

Belgium

edith.donders@gmail.com

0032479379031

LOGIN DETAILS

****

****

Renew password

SAVE

DRIVER DETAILS

ID

User123

long_haul_lt_300

Unaware

Kipper - Novice

CONTACT DETAILS

Edith

Donders

Peperblook 37

3600 Genk

Belgium

edith.donders@gmail.com

0032479379031

LOGIN DETAILS

edith.donders@gmail.com

****

Renew password

New password

Confirm password

SAVE

LIST OF DRIVERS

Safety

Employed only

Search driver …

Driver ID	Transport type	Behavioural phase	Group	Distance (km)	Time (h)	Trips	Credits
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User789	heavy_haulage	Considering		70317	1909	156	69
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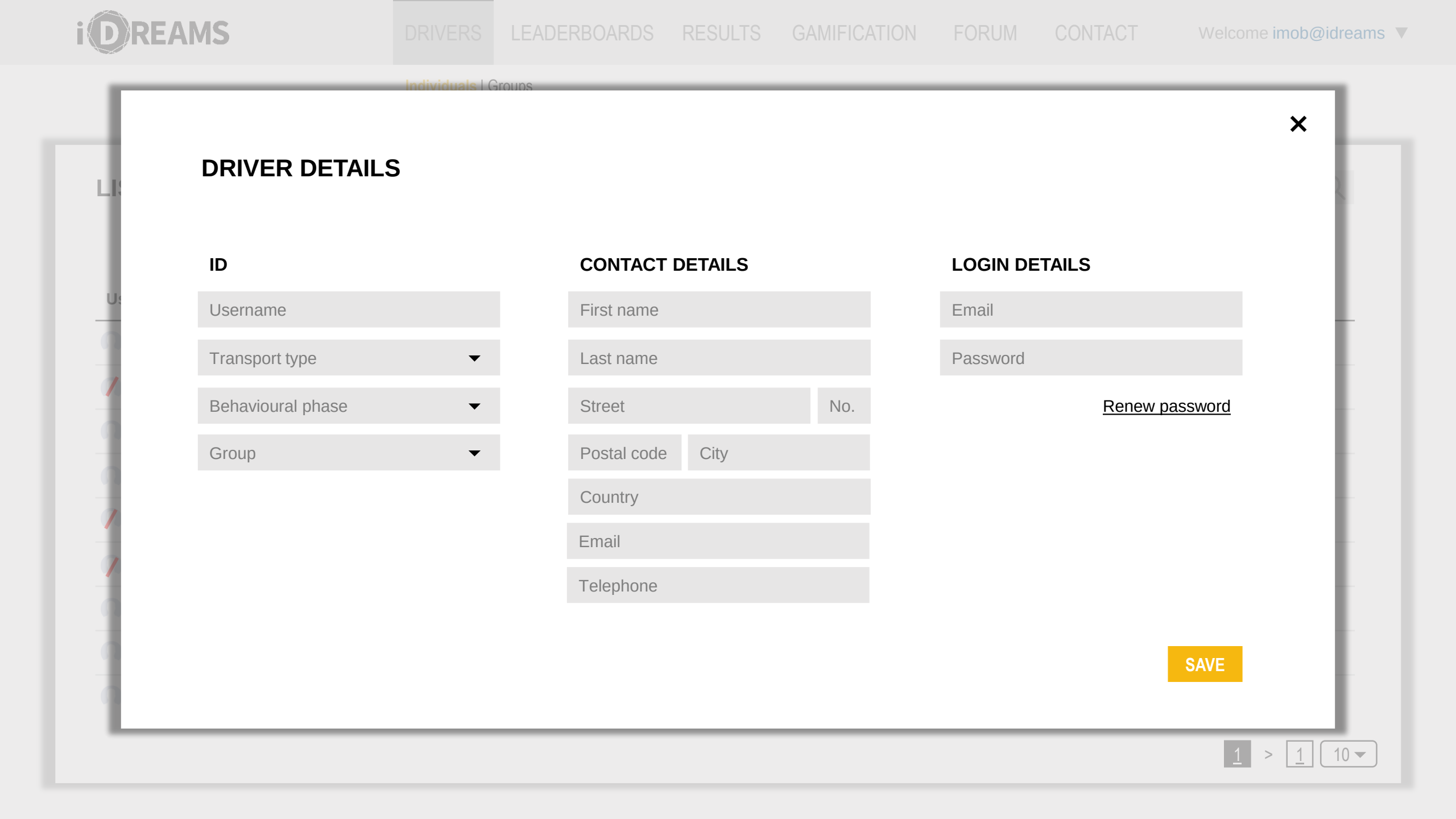
User654	construction	Determined	Kipper – Novice	82553	1861	209	18
User987	long_haul_lt_300	Considering		143280	3168	302	16
User231	heavy_haulage	Unaware		100589	2125	269	164
User564	construction	Consolidating	Kipper - Novice	105138	2502	234	110
User897	distribution	Aware		98147	1928	223	104


iDREAMS
DRIVERS
LEADERBOARDS
RESULTS
GAMIFICATION
FORUM
CONTACT
Welcome imob@idreams
Individuals | Groups
DRIVER DETAILS
ID
Username
Transport type
Behavioural phase
Group
CONTACT DETAILS
First name
Last name
Street
No.
Postal code
City
Country
Email
Telephone
LOGIN DETAILS
Email
Password
Renew password
SAVE
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1
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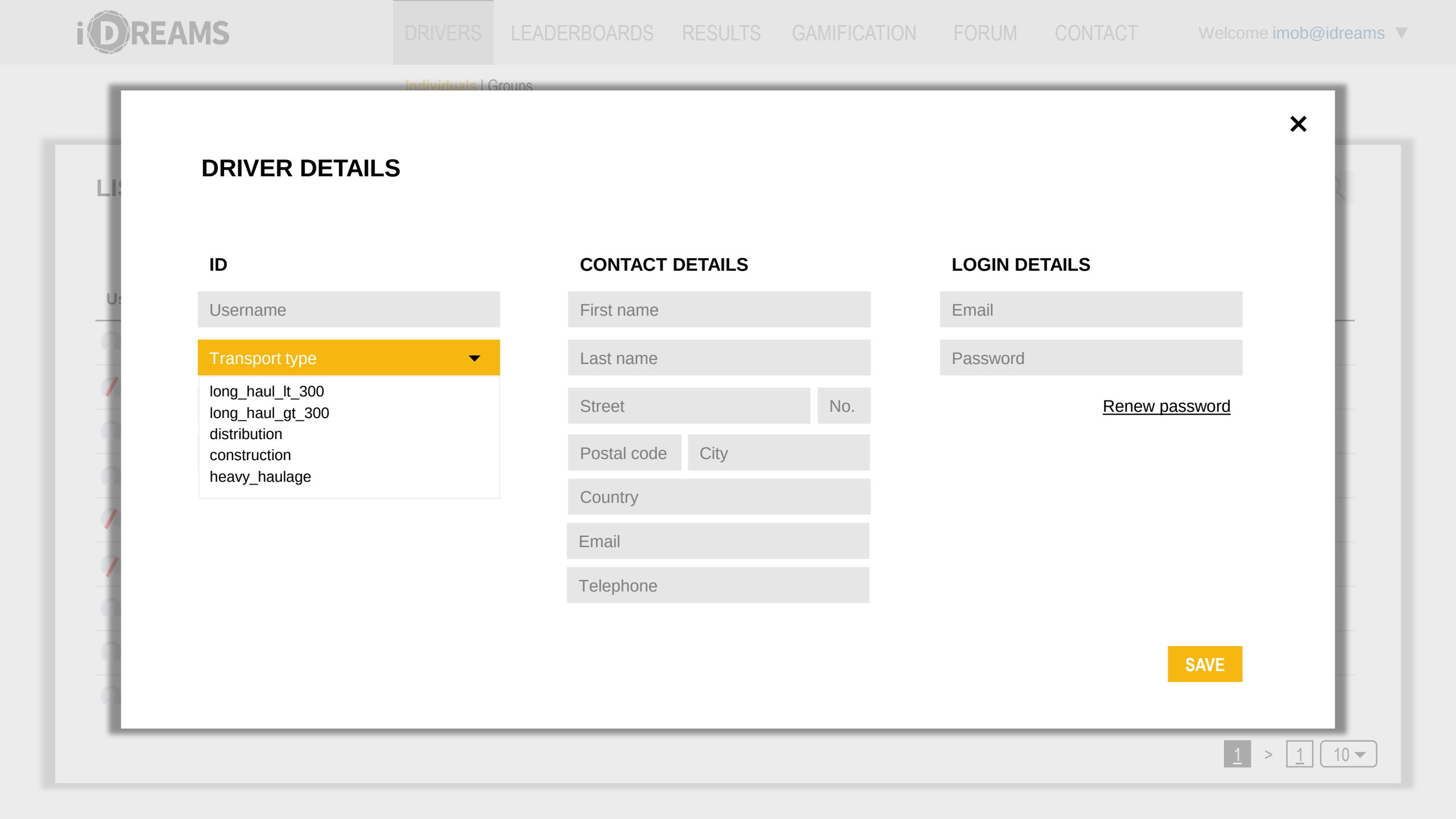
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DRIVERS
LEADERBOARDS
RESULTS
GAMIFICATION
FORUM
CONTACT
Welcome imob@idreams
Individuals | Groups
DRIVER DETAILS
ID
Username
Transport type
long_haul_lt_300
long_haul_gt_300
distribution
construction
heavy_haulage
CONTACT DETAILS
First name
Last name
Street
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Postal code
City
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Email
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Renew password
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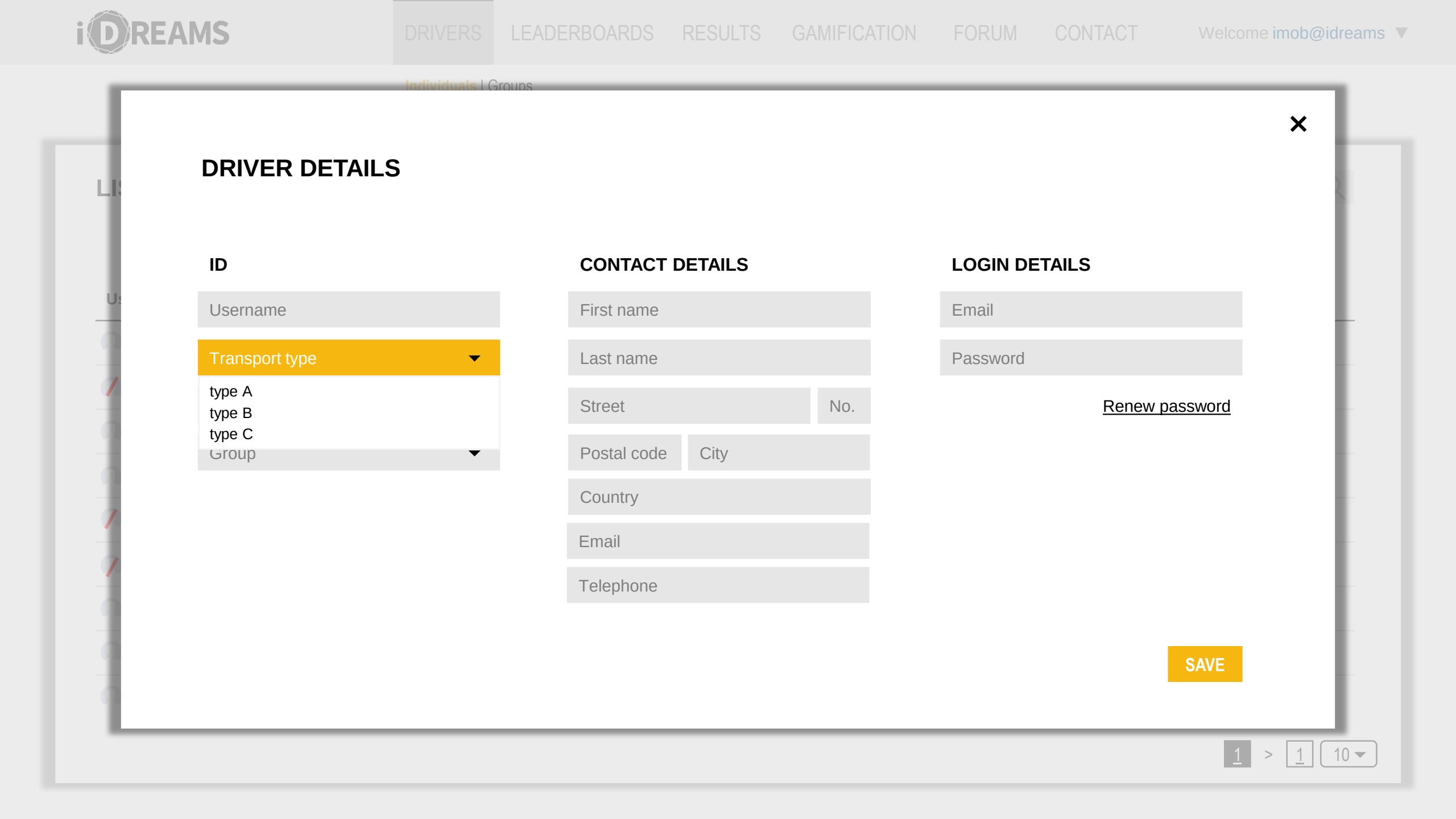
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RESULTS
GAMIFICATION
FORUM
CONTACT
Welcome imob@idreams
Individuals | Groups
DRIVER DETAILS
ID
Username
Transport type
type A
type B
type C
Group
CONTACT DETAILS
First name
Last name
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Postal code
City
Country
Email
Telephone
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Email
Password
Renew password
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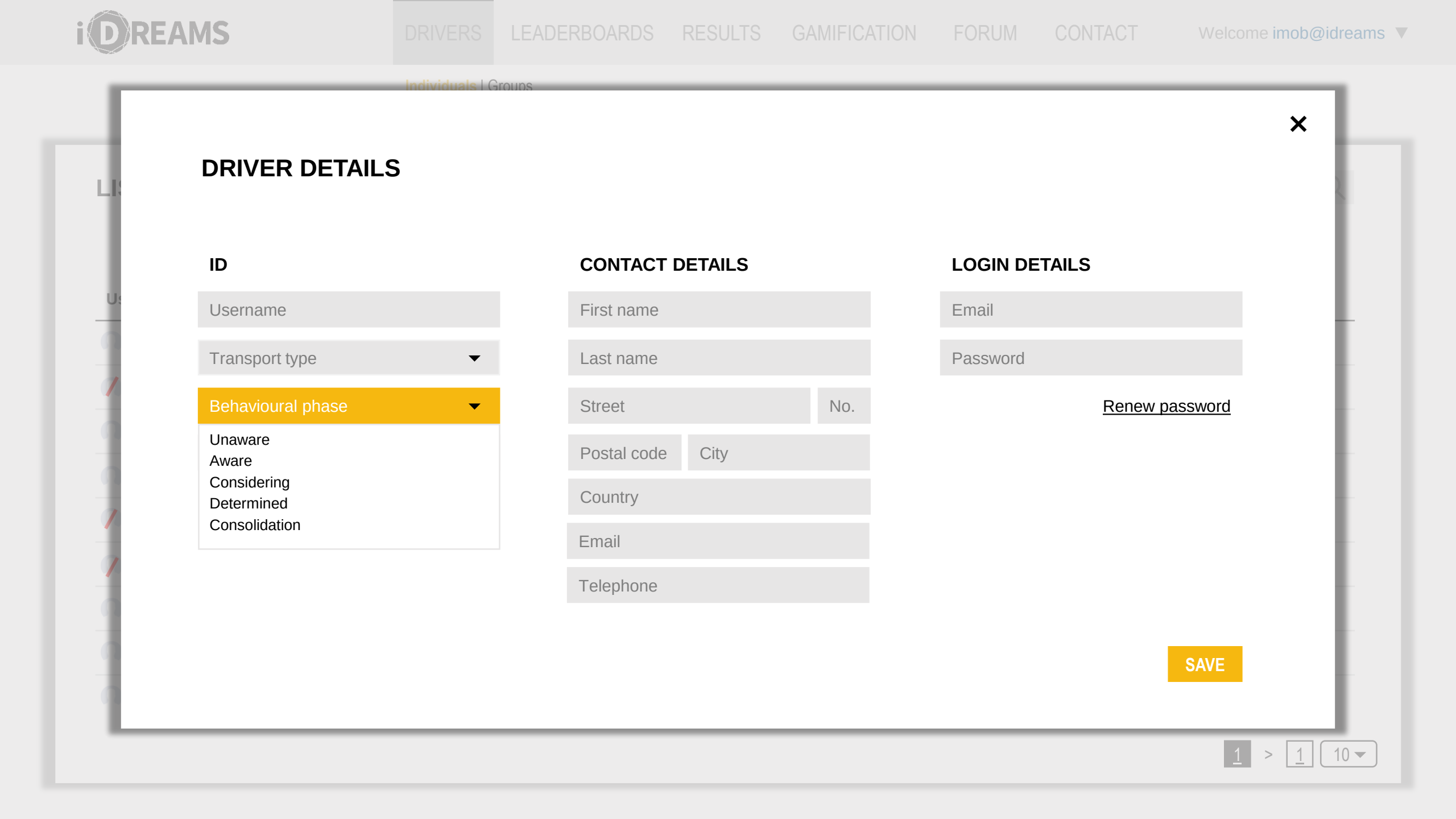
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RESULTS
GAMIFICATION
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CONTACT
Welcome imob@idreams
Individuals | Groups
DRIVER DETAILS
ID
Username
Transport type
Behavioural phase
Unaware
Aware
Considering
Determined
Consolidation
CONTACT DETAILS
First name
Last name
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No.
Postal code
City
Country
Email
Telephone
LOGIN DETAILS
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Password
Renew password
SAVE
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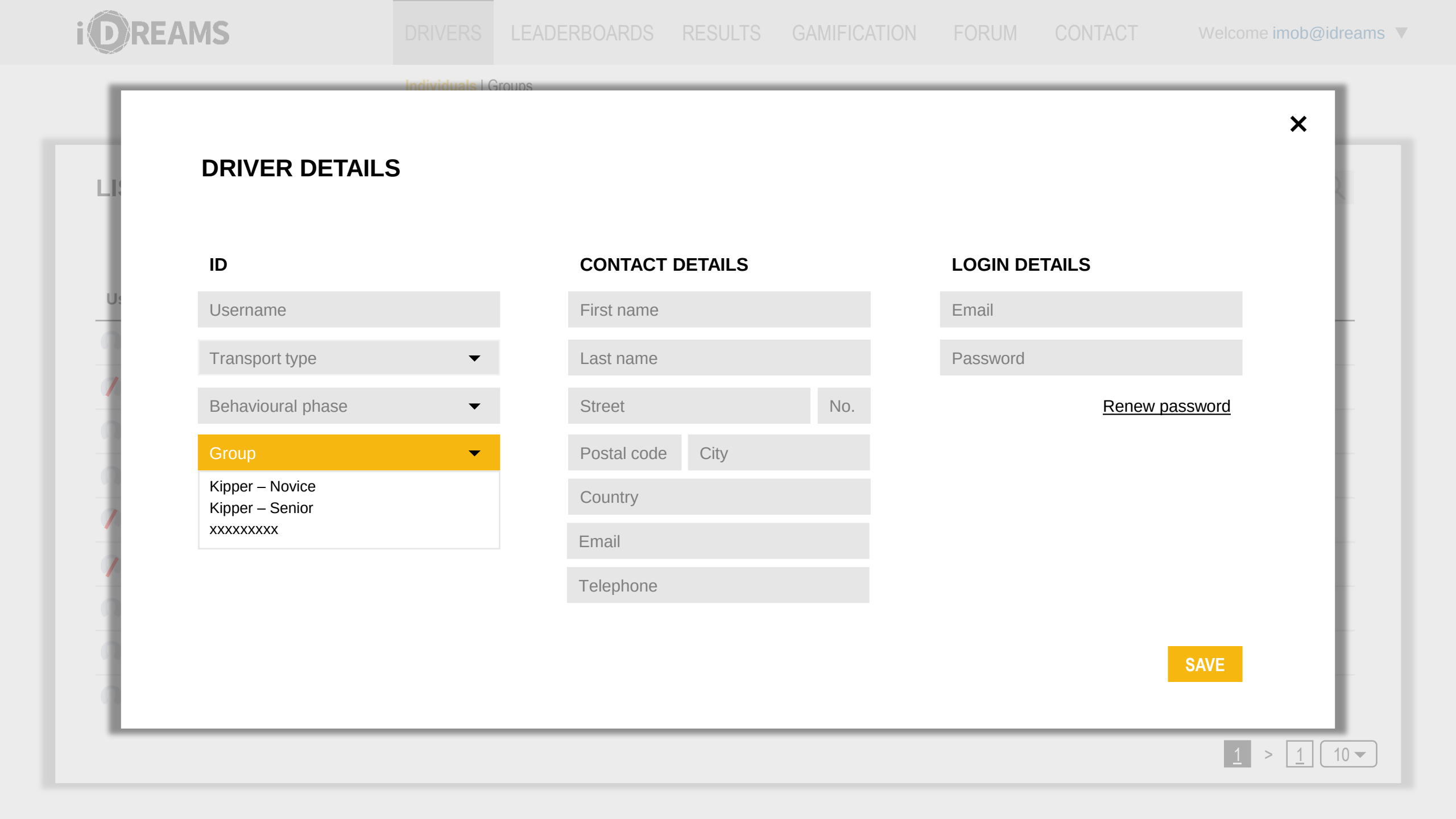
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LEADERBOARDS
RESULTS
GAMIFICATION
FORUM
CONTACT
Welcome imob@idreams
Individuals | Groups
DRIVER DETAILS
ID
Username
Transport type
Behavioural phase
Group
Kipper – Novice
Kipper – Senior
xxxxxxxxx
CONTACT DETAILS
First name
Last name
Street
No.
Postal code
City
Country
Email
Telephone
LOGIN DETAILS
Email
Password
Renew password
SAVE
1
>
1
10

LIST OF DRIVERS

Safety

Employed only

Search driver…

Driver ID	Transport type	Behavioural phase	Group	Distance (km)	Time (h)	Trips	Credits
User123	long_haul_lt_300	Unaware	Kipper – Novice	159044	3764	365	23
User456	distribution	Aware	Kipper – Novice	75265	1366	143	41
User789	heavy_haulage	Considering		70317	1909	156	69
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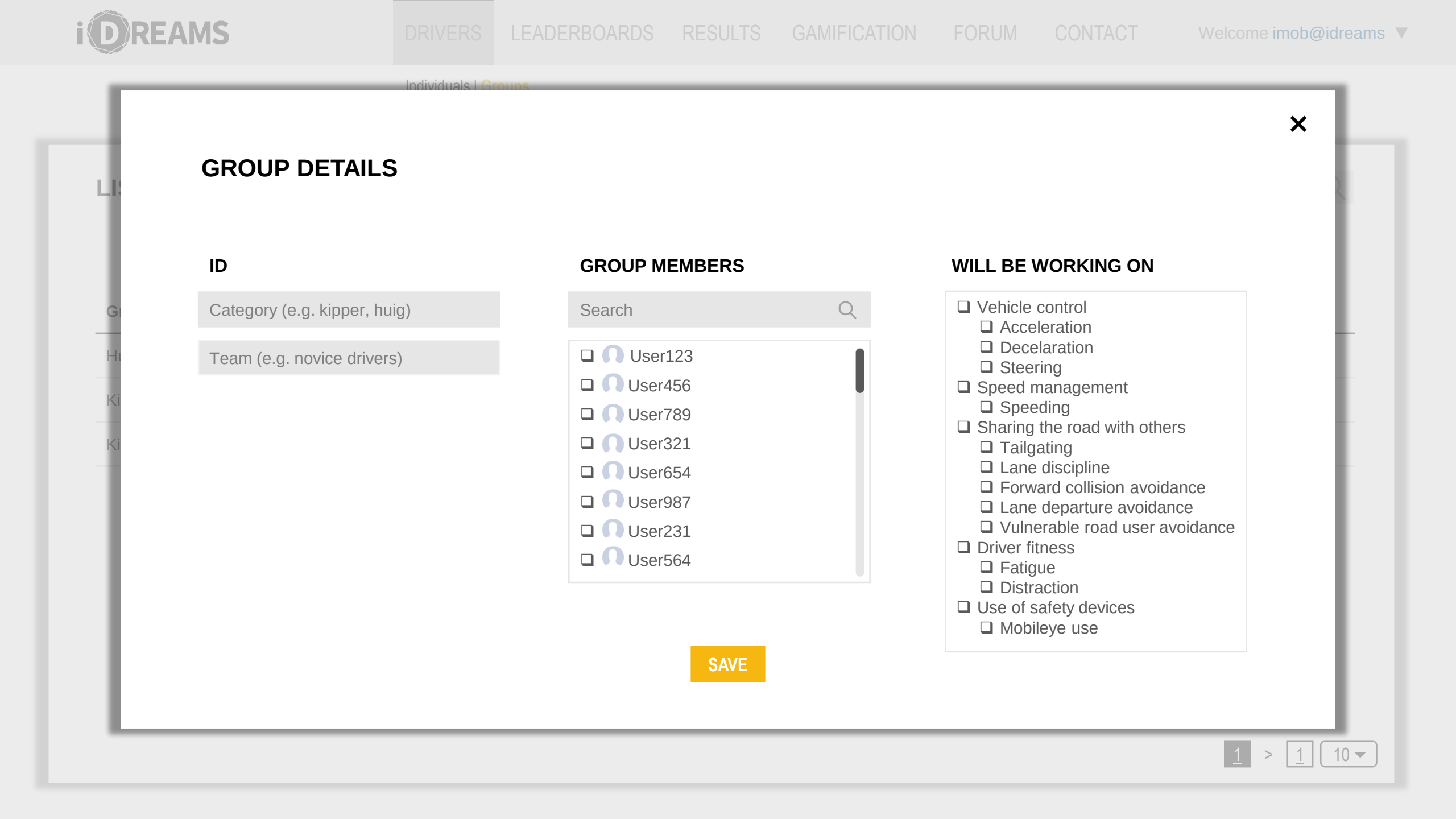
User231	heavy_haulage	Unaware		100589	2125	269	164
User564	construction	Consolidating	Kipper - Novice	105138	2502	234	110
User897	distribution	Aware		98147	1928	223	104

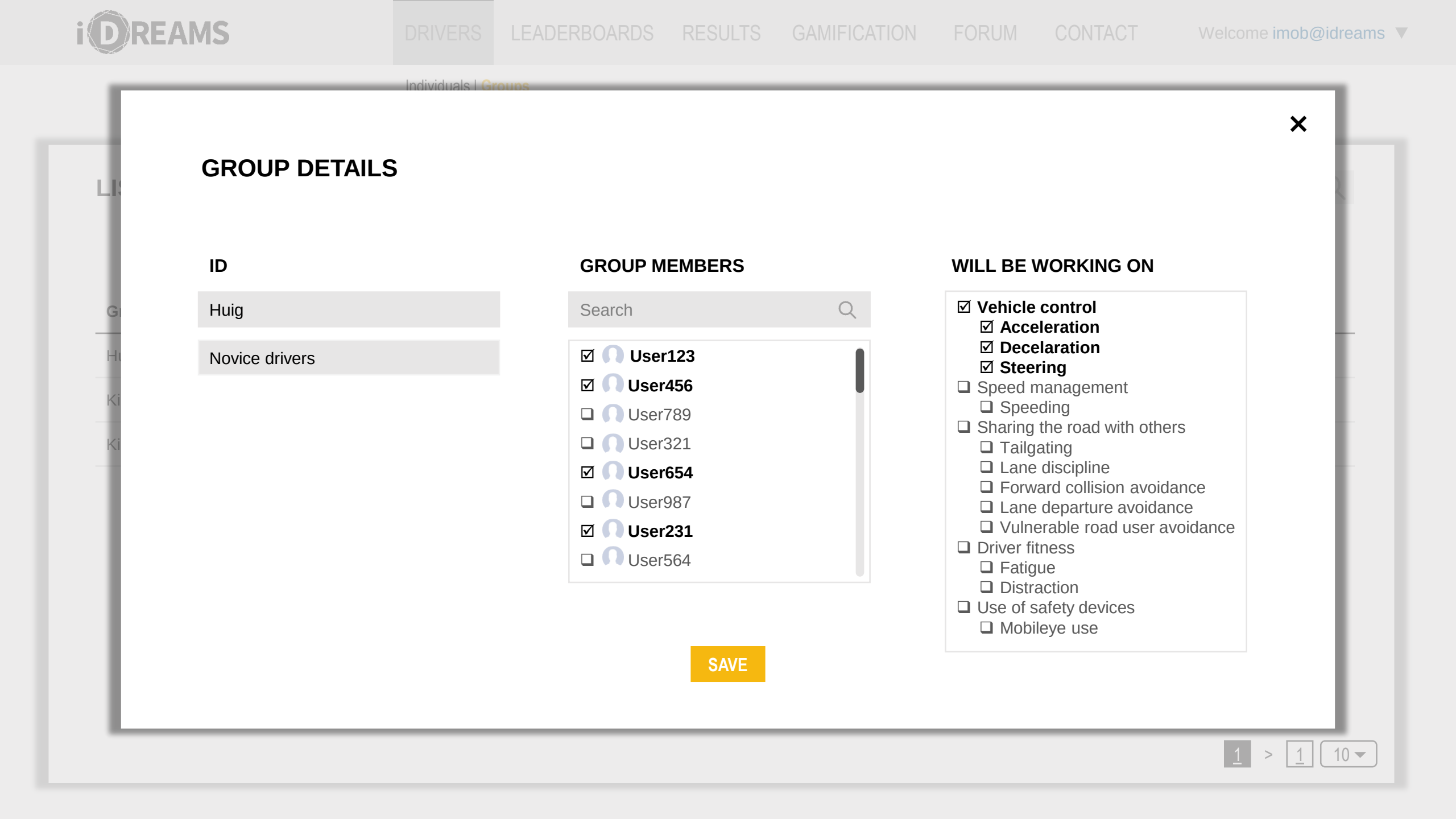
LIST OF GROUPS

Safety

Search group …

Group	Description	Date	
Huig – Senior drivers	Will be working on ‘Sharing the road with others’ (parameter: Tailgating, Lane Discipline)	12/03/2020 9:31	
Kipper – Advanced drivers	Will be working on ‘Speed management’ (parameter: Speeding)	9/03/2020 15:17	
Kipper – Senior drivers	Will be working on ‘Driver fitness’ (parameters: Fatigue, Distraction)	4/03/2020 9:54	


iDREAMS
DRIVERS
LEADERBOARDS
RESULTS
GAMIFICATION
FORUM
CONTACT
Welcome imob@idreams
Individuals | Groups
GROUP DETAILS
ID
Category (e.g. kipper, huig)
Team (e.g. novice drivers)
GROUP MEMBERS
Search
User123
User456
User789
User321
User654
User987
User231
User564
SAVE
WILL BE WORKING ON
Vehicle control
Acceleration
Deceleration
Steering
Speed management
Speeding
Sharing the road with others
Tailgating
Lane discipline
Forward collision avoidance
Lane departure avoidance
Vulnerable road user avoidance
Driver fitness
Fatigue
Distraction
Use of safety devices
Mobileye use
1
1
10


iDREAMS
DRIVERS
LEADERBOARDS
RESULTS
GAMIFICATION
FORUM
CONTACT
Welcome imob@idreams
Individuals | Groups
GROUP DETAILS
ID
Huig
Novice drivers
GROUP MEMBERS
Search
User123
User456
User789
User321
User654
User987
User231
User564
SAVE
WILL BE WORKING ON
Vehicle control
Acceleration
Deceleration
Steering
Speed management
Speeding
Sharing the road with others
Tailgating
Lane discipline
Forward collision avoidance
Lane departure avoidance
Vulnerable road user avoidance
Driver fitness
Fatigue
Distraction
Use of safety devices
Mobileye use
1
1
10

LIST OF GROUPS

Safety

Search driver …

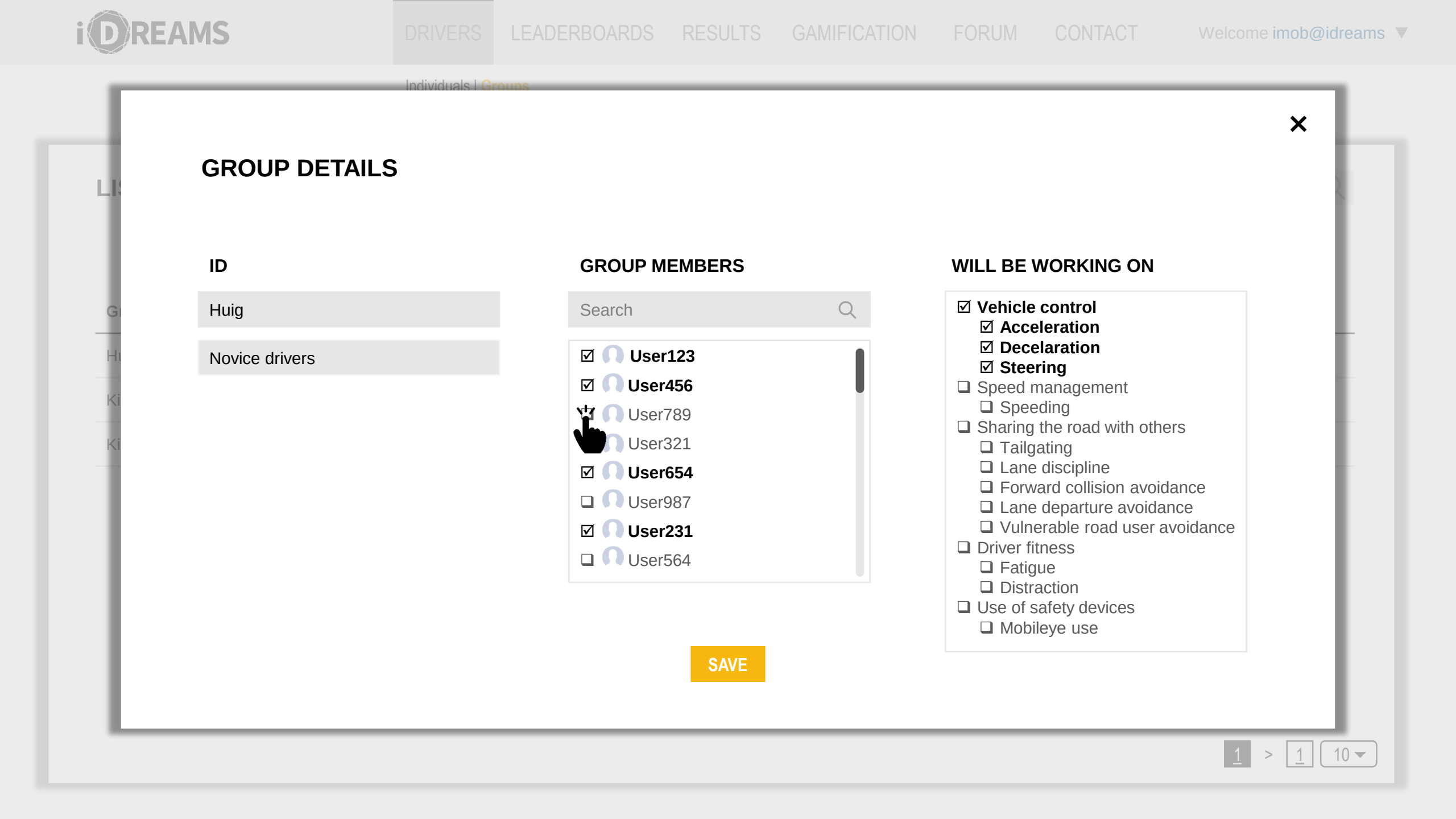
Group	Description	Date	
Huig – Novice drivers	Will be working on ‘Vehicle control (parameter: Acceleration, Deceleration, Steering)	20/03/2020 16:01	
Huig – Senior drivers	Will be working on ‘Sharing the road with others’ (parameter: Tailgating, Lane Discipline)	12/03/2020 9:31	
Kipper – Advanced drivers	Will be working on ‘Speed management’ (parameter: Speeding)	9/03/2020 15:17	
Kipper – Senior drivers	Will be working on ‘Driver fitness’ (parameters: Fatigue, Distraction)	4/03/2020 9:54	

GROUP MEMBER DETAILS

Huig – Novice drivers

Driver ID	Transport type	Behavioural phase	
User123	long_haul_lt_300	Unaware	✕
User456	distribution	Aware	✕
User654	construction	Determined	✕
User231	heavy_haulage	Unaware	✕

SAVE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DRIVERS
LEADERBOARDS
RESULTS
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CONTACT
Welcome imob@idreams
Individuals | Groups
GROUP DETAILS
ID
Huig
Novice drivers
GROUP MEMBERS
Search
User123
User456
User789
User321
User654
User987
User231
User564
SAVE
WILL BE WORKING ON
Vehicle control
Acceleration
Deceleration
Steering
Speed management
Speeding
Sharing the road with others
Tailgating
Lane discipline
Forward collision avoidance
Lane departure avoidance
Vulnerable road user avoidance
Driver fitness
Fatigue
Distraction
Use of safety devices
Mobileye use
1
1
10

LEADERBOARDS

Safety

Target audience

Behavioural phase

Position

	Driver ID	Scores	Position
1	User123	81	0
2	User456	77	0
3	User789	76	1 ↑
4	User321	73	1 ↓

*A yellow box indicates the ranking has not changed. A green box indicates a ranking progression.
A red box indicates a ranking regression.

LEADERBOARDS

Safety

Target audience

All drivers

Group

- Kipper – Novice drivers
- Huig – Senior drivers
- Kipper – Advanced drivers
- Kipper – Senior drivers

Transport type

- long_haul_lt_300
- long_haul_gt_300
- distribution
- construction
- heavy_haulage

	Driver	Scores	Position
1	User123	81	0
2	User456	77	0
3	User789	76	1 ↑
4	User321	73	1 ↓

*A yellow box indicates the ranking has not changed. A green box indicates a ranking progression. A red box indicates a ranking regression.

LEADERBOARDS

Safety

Target audience

Behavioural phase

All phases
Considering
Determined
Consolidating

	Driver	Scores	Position
1	User123	81	0
2	User456	77	0
3	User789	76	1 ↑
4	User321	73	1 ↓

*A yellow box indicates the ranking has not changed. A green box indicates a ranking progression.
A red box indicates a ranking regression.

LEADERBOARDS

Safety

Target audience

Behavioural phase

Position

Relative to yesterday
Relative to last week
Relative to last month

	Driver	Scores	Position
1	User123	81	0
2	User456	77	0
3	User789	76	1 ↑
4	User321	73	1 ↓

*A yellow box indicates the ranking has not changed. A green box indicates a ranking progression.
A red box indicates a ranking regression.

LEADERBOARDS

Safety

Kipper – Novice Drivers

All phases

Relative to yesterday

	Driver	Scores	Position
1	User123	81	0
2	User456	77	0
3	User789	76	1 ↑
4	User321	73	1 ↓

*A yellow box indicates the ranking has not changed. A green box indicates a ranking progression.
A red box indicates a ranking regression.

LEADERBOARDS

Safety

Kipper – Novice Drivers

Considering

Relative to yesterday

	Driver	Scores	Position
1	User456	77	0
2	User789	76	1 ↑

*A yellow box indicates the ranking has not changed. A green box indicates a ranking progression. A red box indicates a ranking regression.

TRIPS

Domain

From

To

Target audience

TRIPS

Domain

- Safety
- Eco-efficiency
- Functioning

From

To

Target audience

Driver

- User123
- User456
- User789
- User321
- User654
- User987

TRIPS

Safety | 2020-02-10 | 2020-02-16 | User123

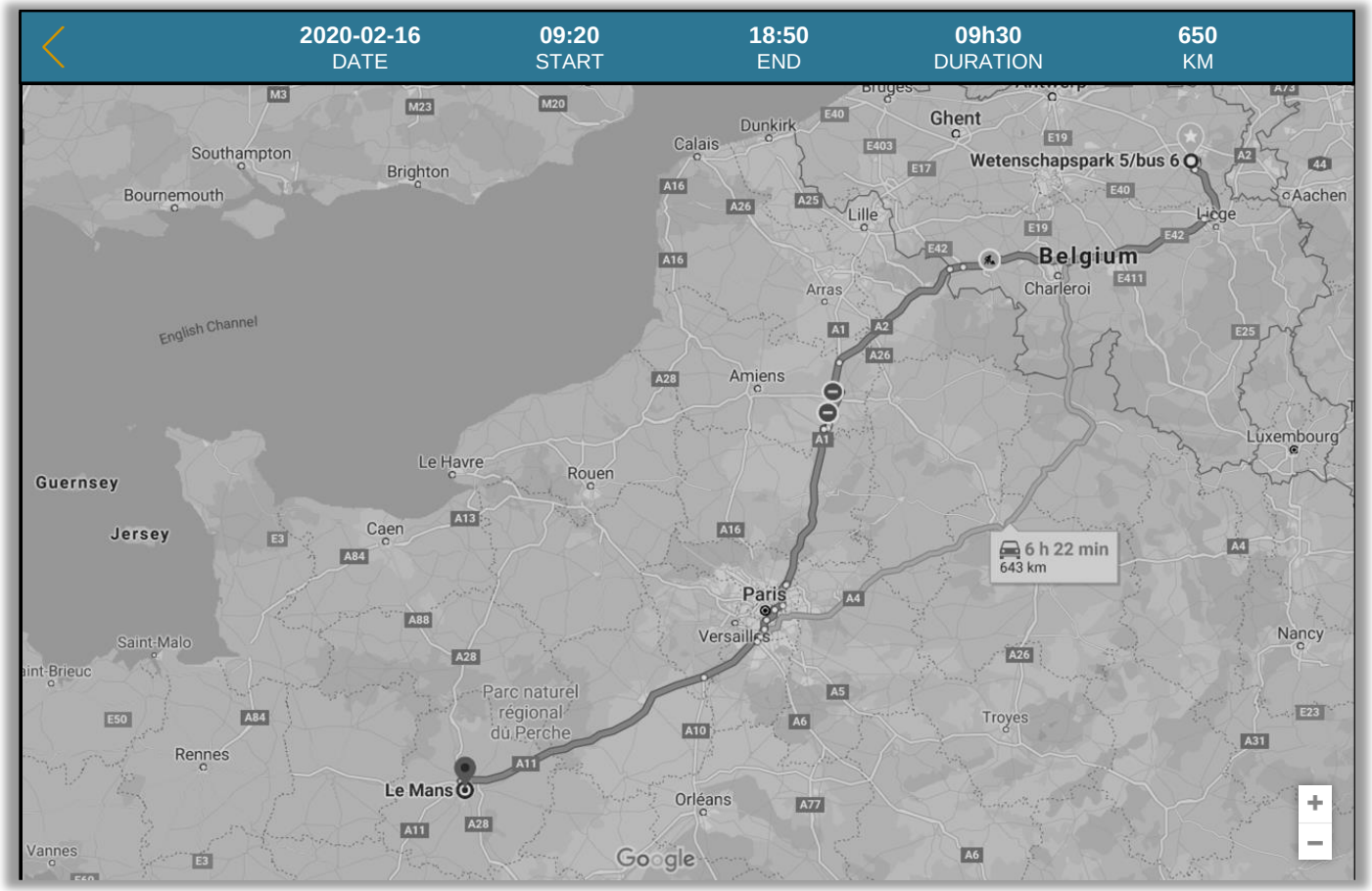
Vehicle control	score
acceleration (16)	48
deceleration (34)	75
steering (4)	73
Sharing the road with others	
tailgating (1)	69
lane discipline (0)	73
overtaking (0)	76
forward collision avoidance (0)	81
vulnerable road user avoidance (6)	92
Speed management	
speeding (12)	82
Driver fitness	
fatigue (4)	67
distraction (4)	70
sleep deprivation (4)	67
Use of safety devices	
i-DREAMS in-vehicle device (0)	85

4	DATE	START	END	DURATION	KM
	2020-02-16	09:20	18:50	09h30	650
	2020-02-15	08:10	17:00	08h50	536
	2020-02-14	07:30	16:20	08h50	588
	2020-02-13	10:00	20:00	10h00	745
	2020-02-12	09:20	18:50	10h10	798
	2020-02-11	09:45	19:10	09h25	612
	2020-02-10	06:00	16:30	10h30	810

TRIPS

Safety | 2020-02-10 | 2020-02-16 | User123

Vehicle control	score
acceleration (16)	48
deceleration (34)	75
steering (4)	73
Sharing the road with others	
tailgating (1)	69
lane discipline (0)	73
overtaking (0)	76
forward collision avoidance (0)	81
vulnerable road user avoidance (6)	92
Speed management	
speeding (12)	82
Driver fitness	
fatigue (4)	67
distraction (4)	70
sleep deprivation (4)	67
Use of safety devices	
i-DREAMS in-vehicle device (0)	85



TRIPS

Safety | 2020-02-10 | 2020-02-16 | User123

	score
Vehicle control	
acceleration (16)	48
deceleration (34)	75
steering (4)	73
Sharing the road with others	
tailgating (1)	69
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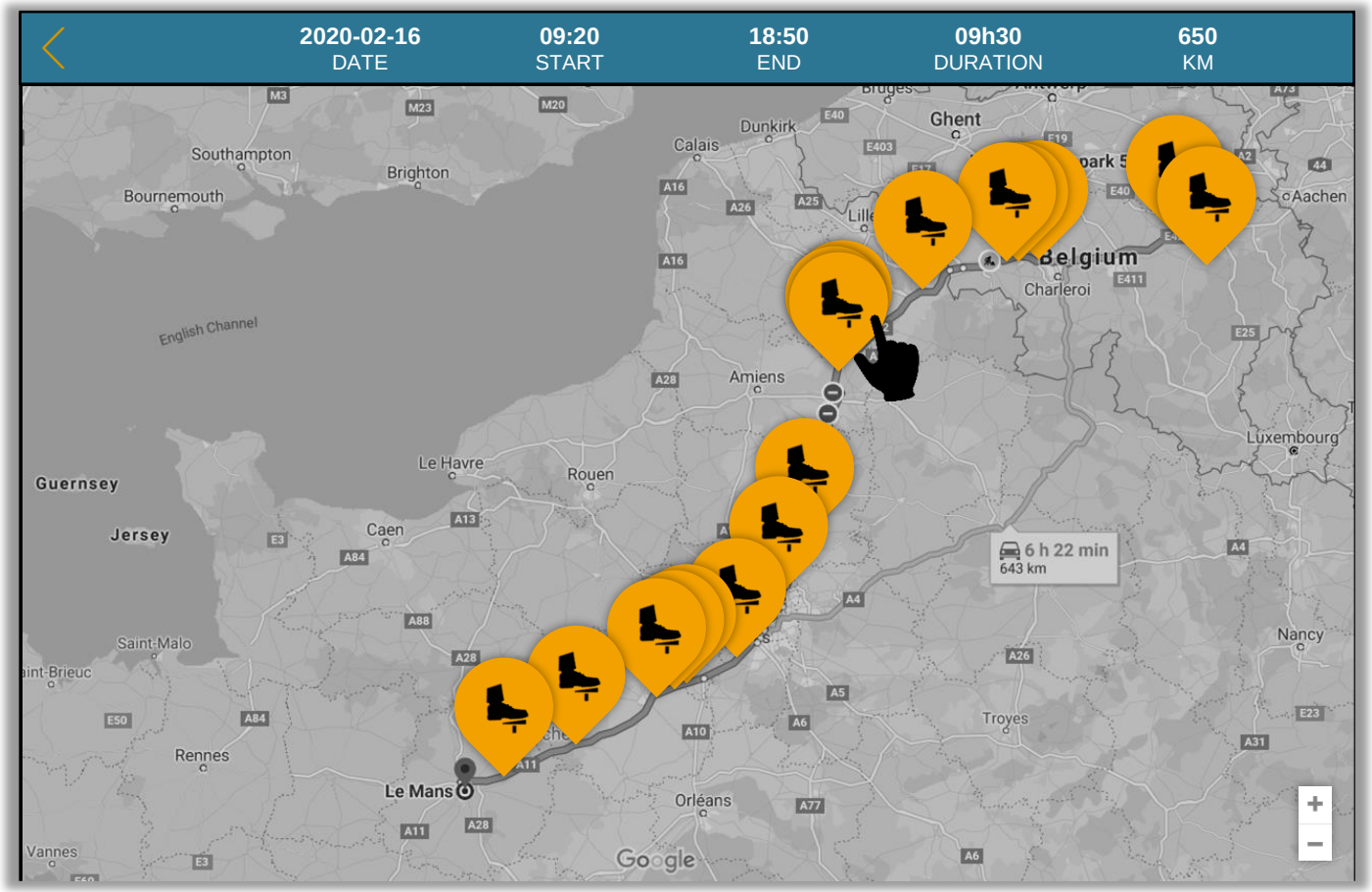

TRIPS

Safety | 2020-02-10 | 2020-02-16 | User123

	score
Vehicle control	
acceleration (16)	48
deceleration (34)	75
steering (4)	73
Sharing the road with others	
tailgating (1)	69
lane discipline (0)	73
overtaking (0)	76
forward collision avoidance (0)	81
vulnerable road user avoidance (6)	92
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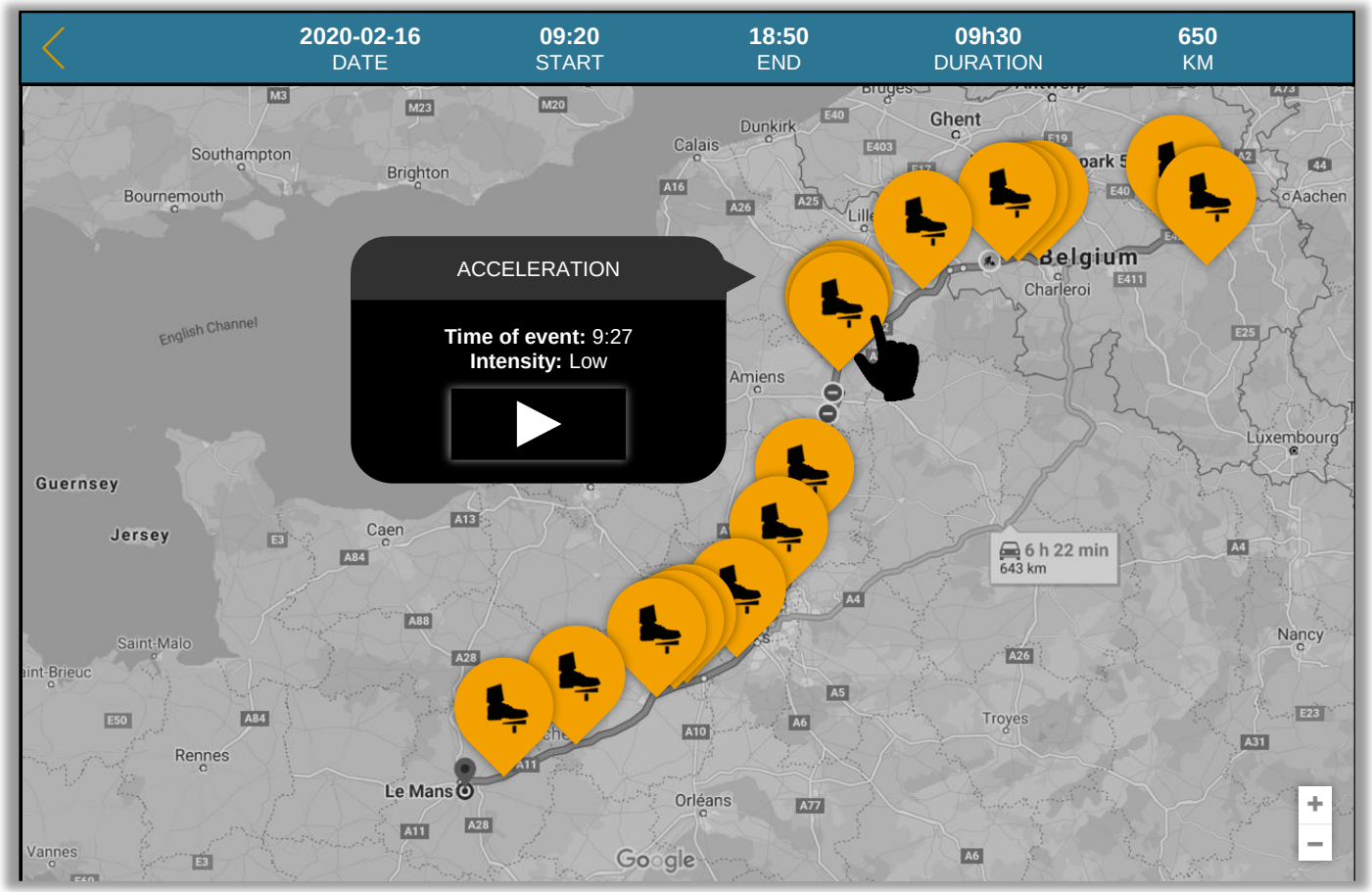
fatigue (4)	67
distraction (4)	70
sleep deprivation (4)	67
Use of safety devices	
i-DREAMS in-vehicle device (0)	85



TRIPS

Safety | 2020-02-10 | 2020-02-16 | User123

	score
Vehicle control	
acceleration (16)	48
deceleration (34)	75
steering (4)	73
Sharing the road with others	
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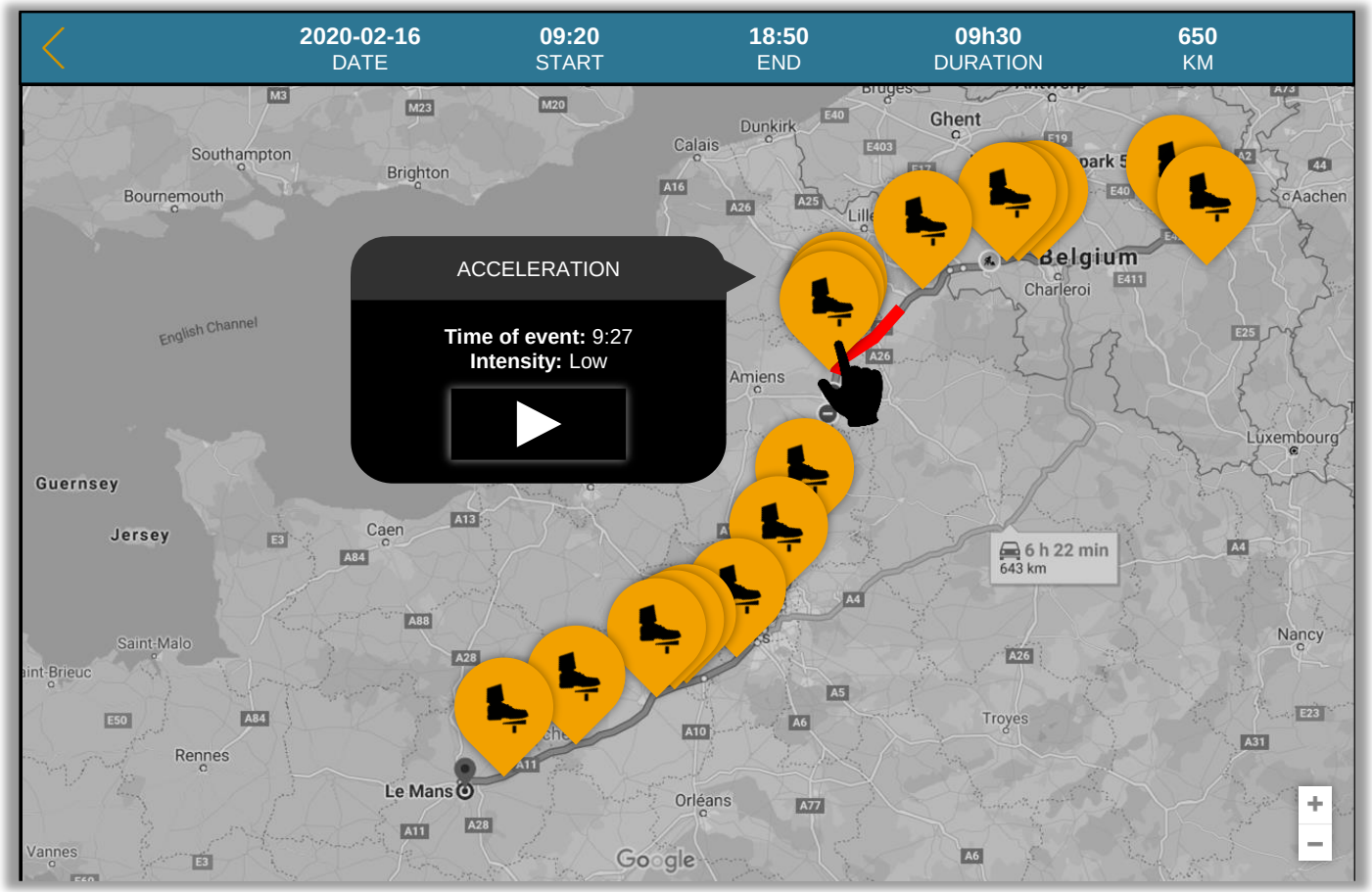
sleep deprivation (4)	67
Use of safety devices	
i-DREAMS in-vehicle device (0)	85



SCORES

Domain | From | To | Target audience | Time interval | Score type

SCORES

Domain

- Safety
- Eco-efficiency
- Functioning

From

To

Target audience

All drivers

Group

- Kipper – Novice drivers
- Huig – Senior drivers
- Kipper – Advanced drivers
- Kipper – Senior drivers

Driver

- User123
- User456
- User789
- User321
- User654
- User987

Transport type

- long_haul_lt_300
- long_haul_gt_300
- distribution
- construction
- heavy_haulage

Time interval

- Per day
- Per week
- Per month
- Per 3 months
- Per year

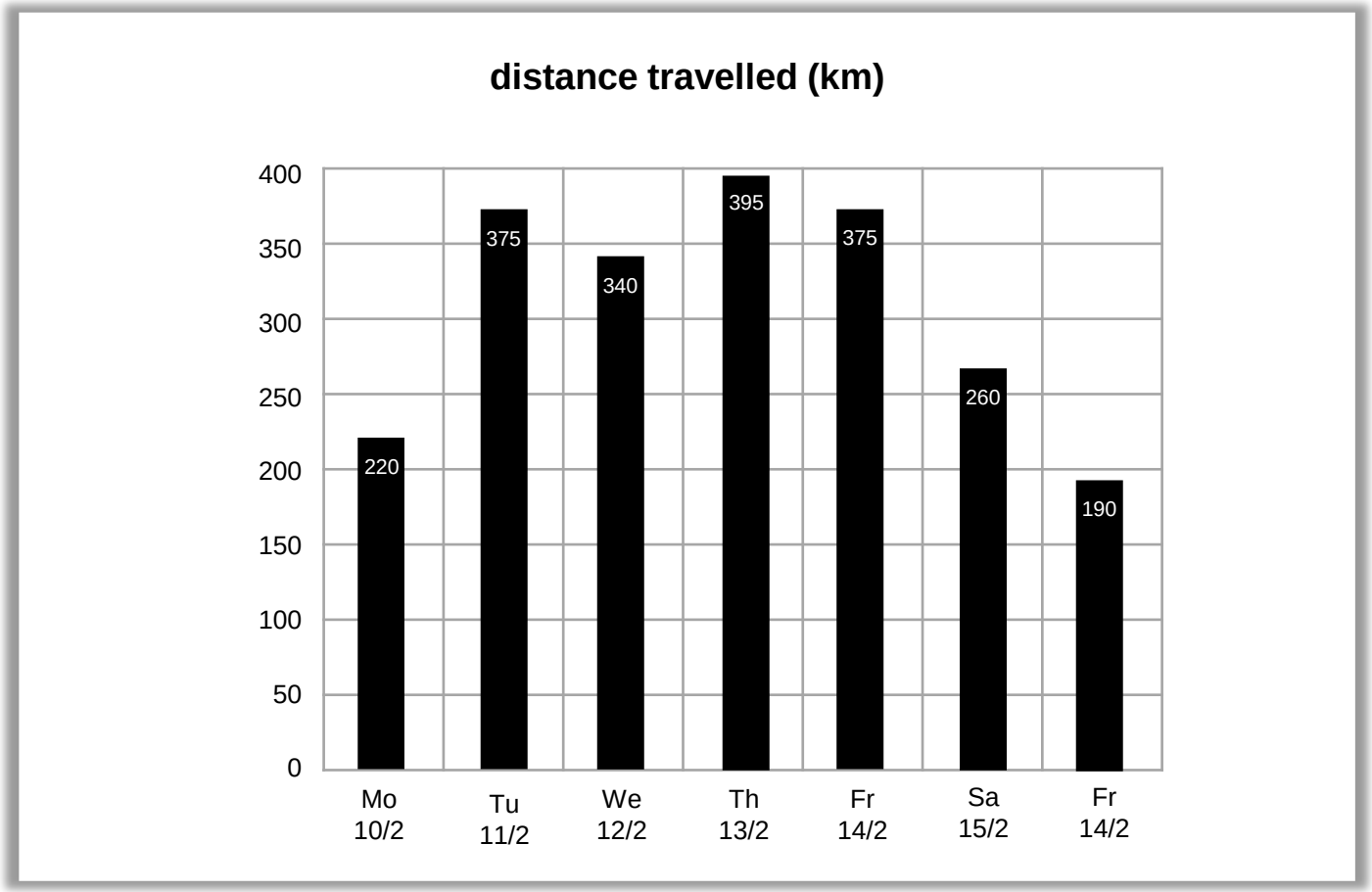
Score type

- General indicators
- Domain scores
- Outcome indicators

SCORES

Safety | 2020-02-10 | 2020-02-16 | All drivers | Per day | General indicators

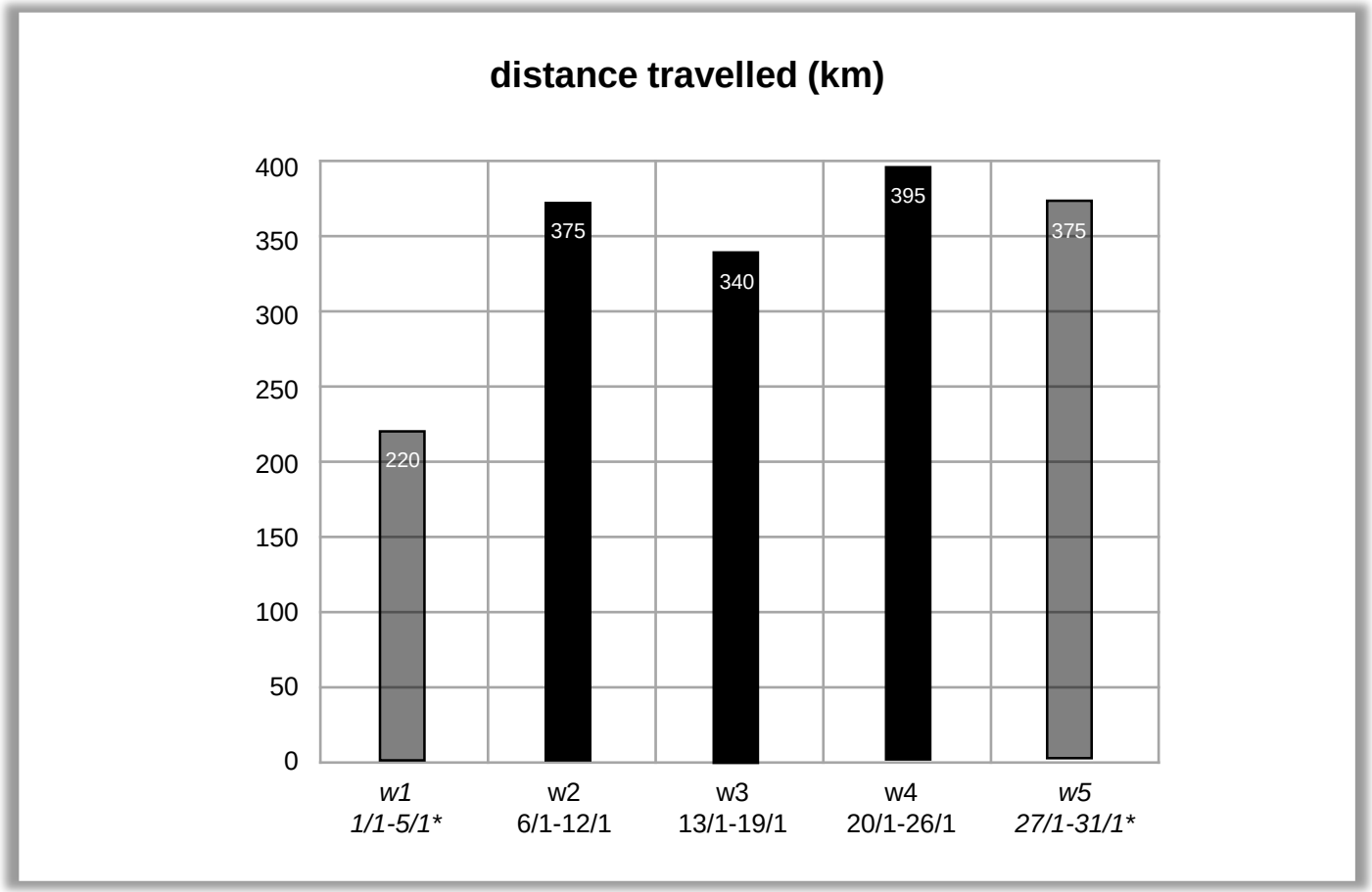
- [x] distance travelled (km)
- [ ] time driven (h)
- [ ] number of trips
- [ ] average speed (km/h)
- [ ] average fuel consumption (l/100km)
- [ ] CO2 emission (ton)



SCORES

Safety | 2020-01-01 | 2020-01-31 | All drivers | Per week | General indicators

- [x] distance travelled (km)
- [ ] time driven (h)
- [ ] number of trips
- [ ] average speed (km/h)
- [ ] average fuel consumption (l/100km)
- [ ] CO2 emission (ton)

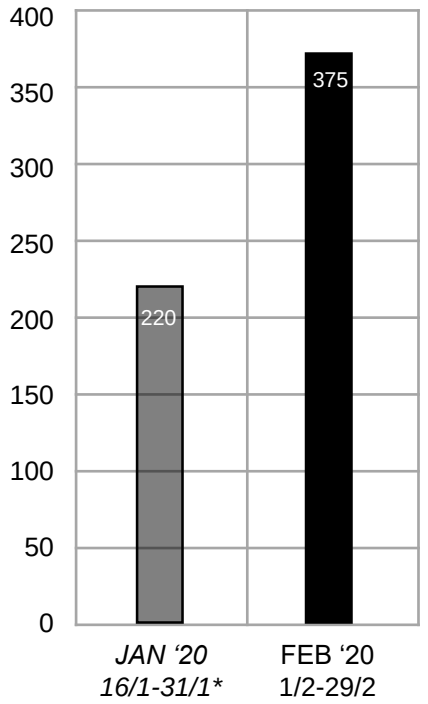


*no full calendar week

SCORES

Safety | 2020-01-16 | 2020-02-29 | All drivers | Per month | General indicators

- [x] distance travelled (km)
- [ ] time driven (h)
- [ ] number of trips
- [ ] average speed (km/h)
- [ ] average fuel consumption (l/100km)
- [ ] CO2 emission (ton)

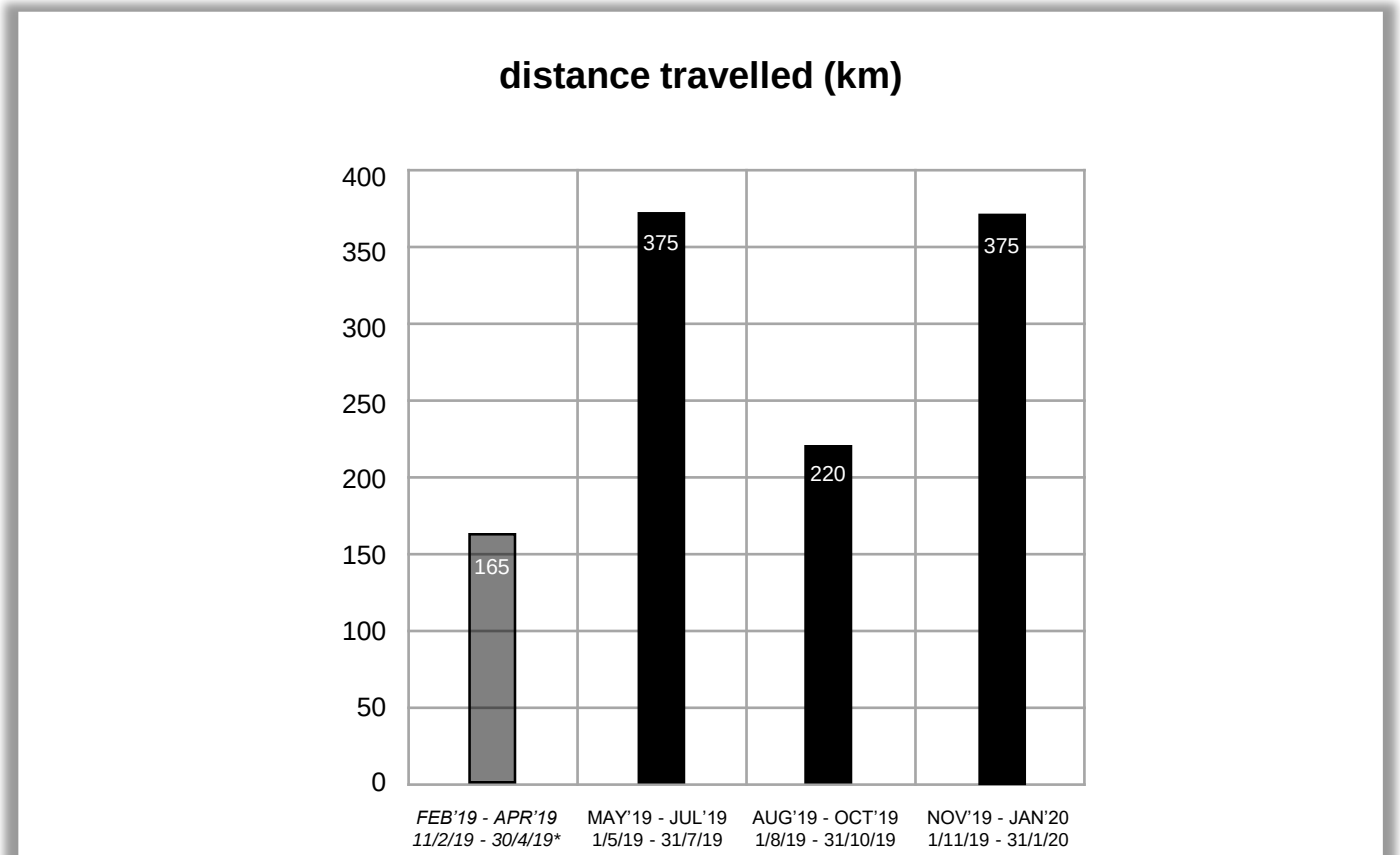


*no full calendar month

SCORES

Safety | 2020-02-11 | 2020-01-13 | All drivers | Per 3 months | General indicators

- [x] distance travelled (km)
- [ ] time driven (h)
- [ ] number of trips
- [ ] average speed (km/h)
- [ ] average fuel consumption (l/100km)
- [ ] CO2 emission (ton)

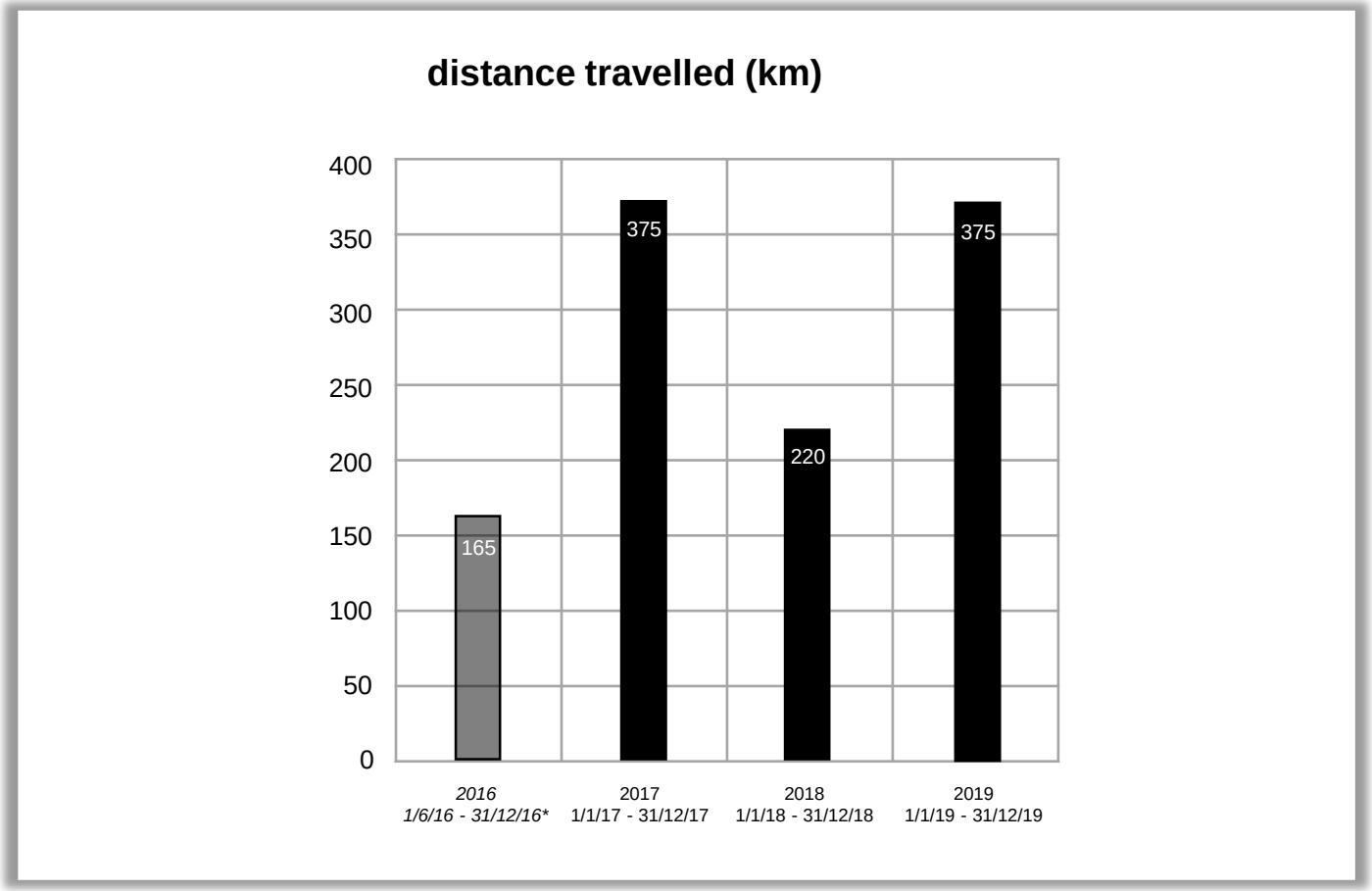


*no full calendar weeks

SCORES

Safety | 2016-06-01 | 2019-12-31 | All drivers | Per year | General indicators

- [x] distance travelled (km)
- [ ] time driven (h)
- [ ] number of trips
- [ ] average speed (km/h)
- [ ] average fuel consumption (l/100km)
- [ ] CO2 emission (ton)

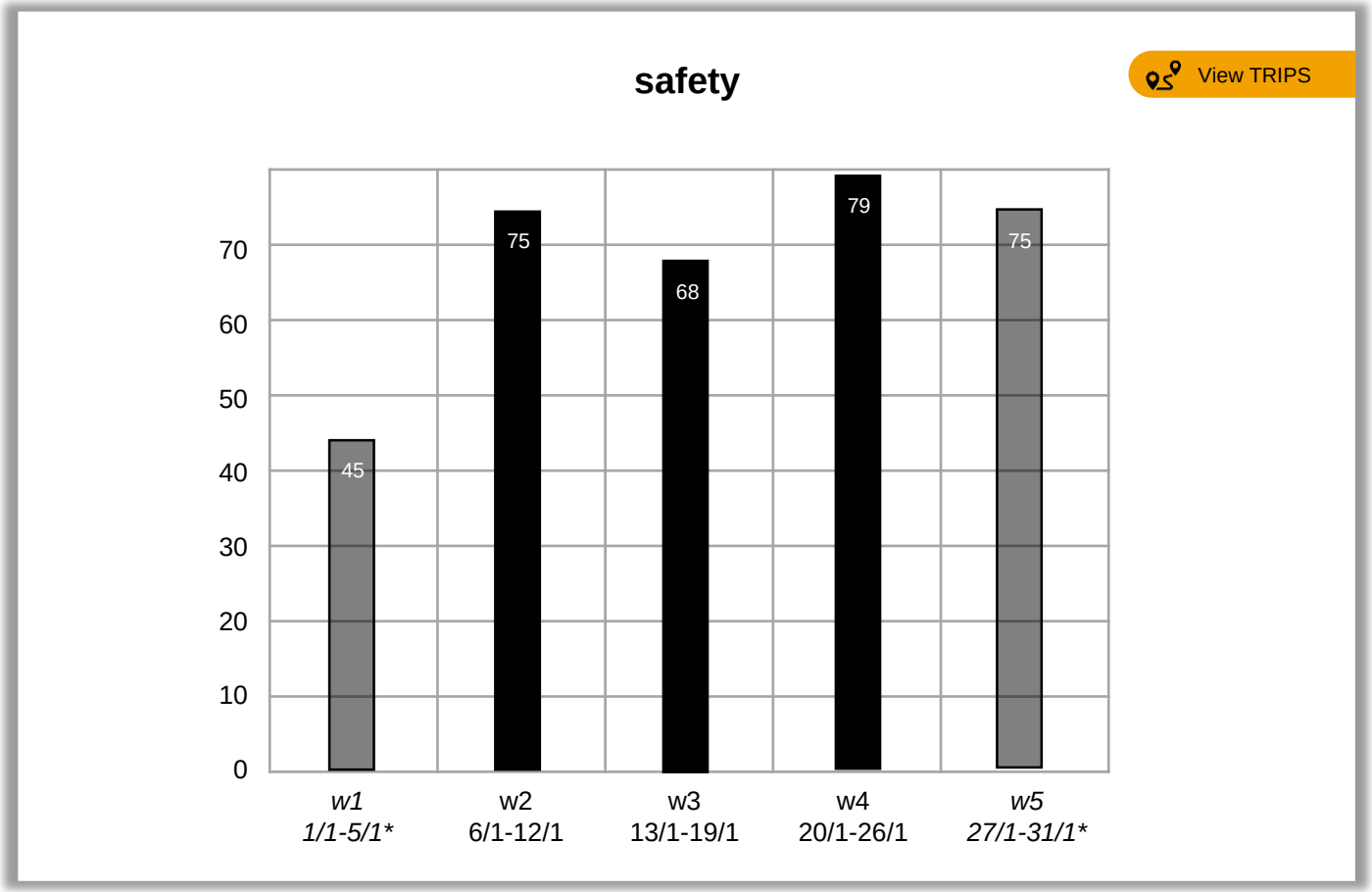


*no full calendar year

SCORES

Safety | 2020-01-01 | 2020-01-31 | All drivers | Per week | Domain scores

	score
Vehicle control	
acceleration (16)	48
deceleration (34)	75
steering (4)	73
Sharing the road with others	
tailgating (1)	69
lane discipline (0)	73
overtaking (0)	76
forward collision avoidance (0)	81
vulnerable road user avoidance (6)	92
Speed management	
speeding (12)	82
Driver fitness	
fatigue (4)	67
distraction (4)	70
sleep deprivation (4)	67
Use of safety devices	
i-DREAMS in-vehicle device (0)	85

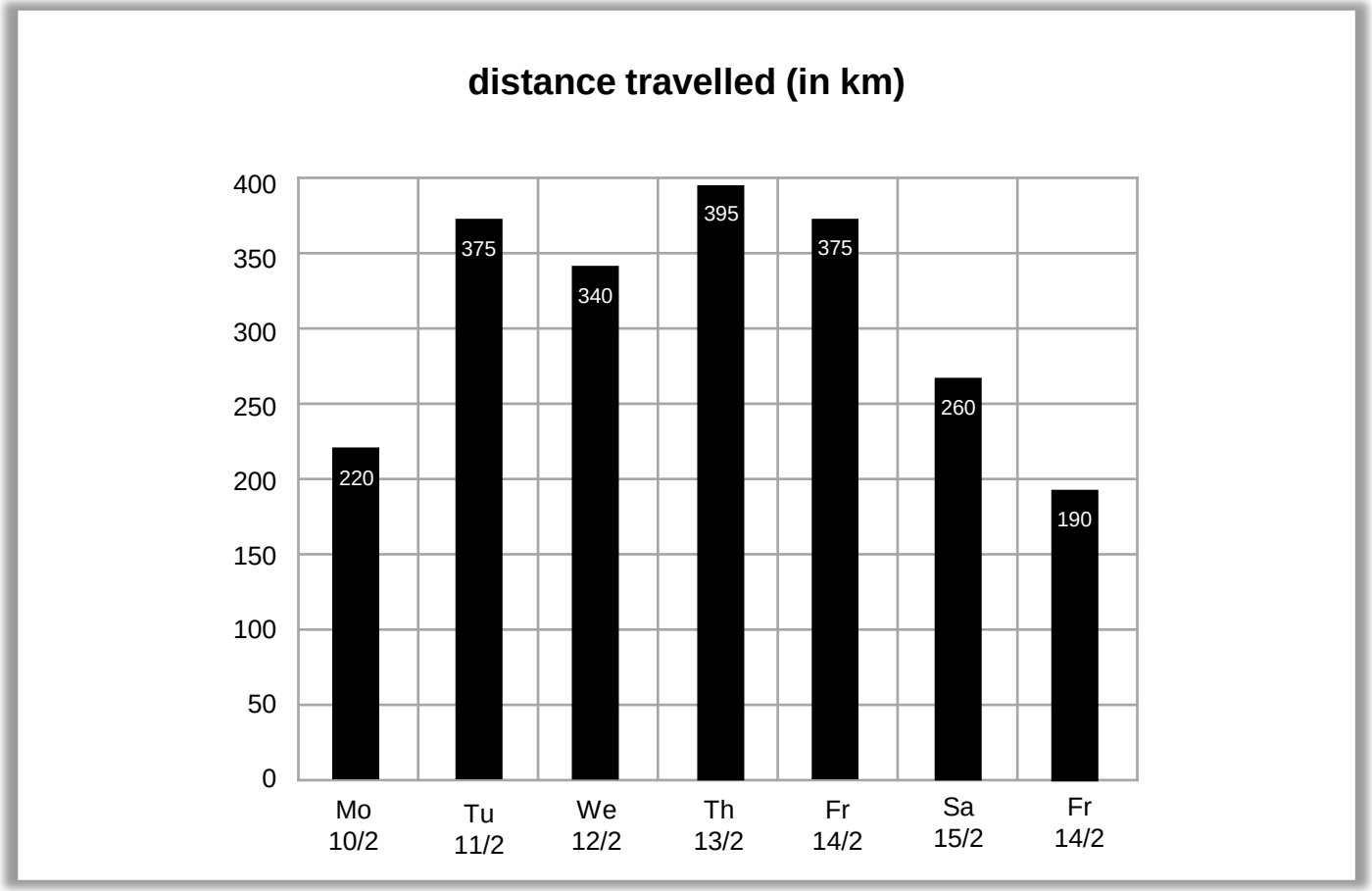


*no full calendar week

SCORES

Safety | 2020-02-10 | 2020-02-16 | Kipper – Novice | Per day | General indicators

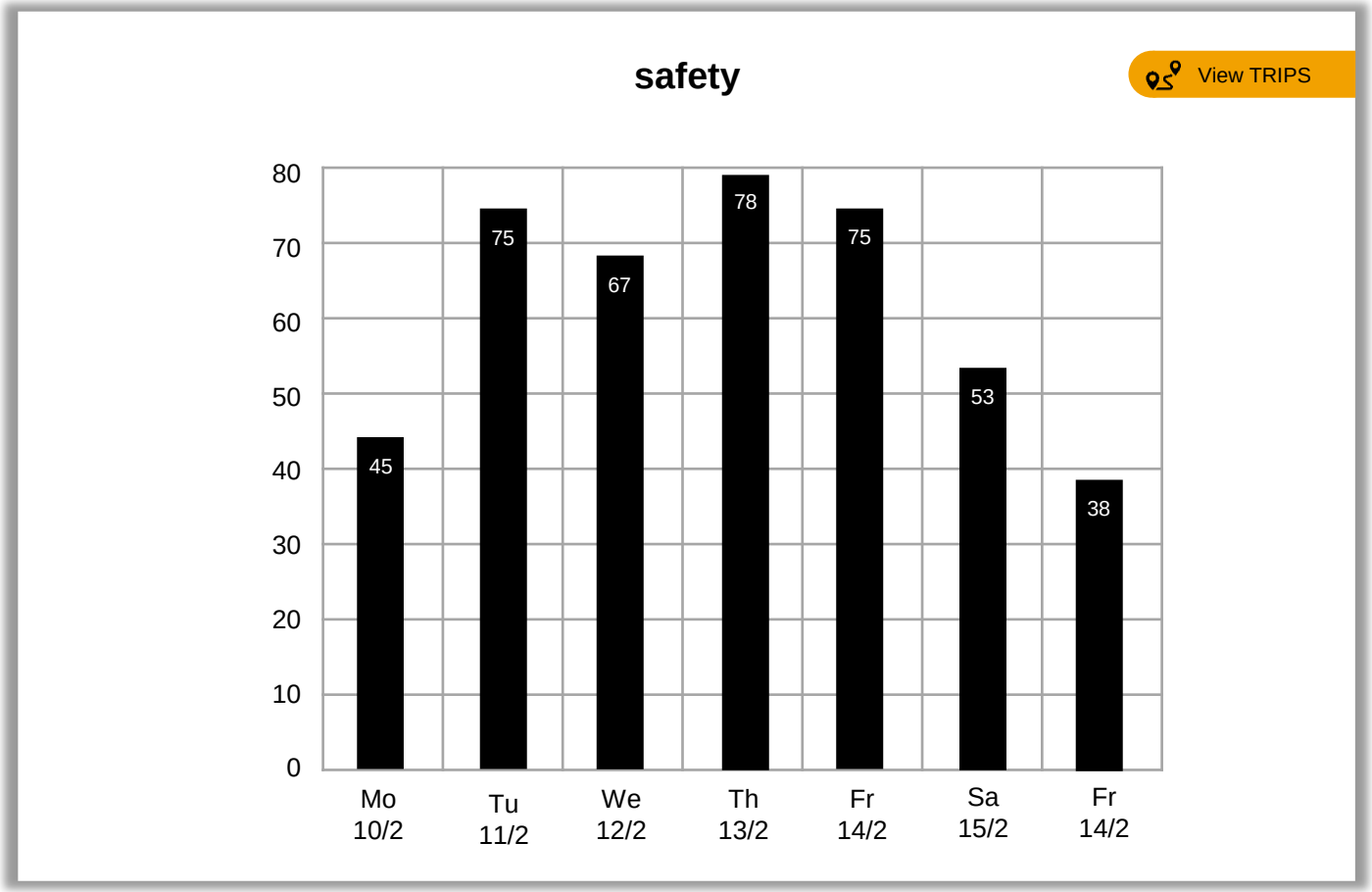
- [x] distance travelled (km)
- [ ] time driven (h)
- [ ] number of trips
- [ ] average speed (km/h)
- [ ] average fuel consumption (l/100km)
- [ ] CO2 emission (ton)



SCORES

Safety | 2020-02-10 | 2020-02-16 | Kipper – Novice | Per day | Domain scores

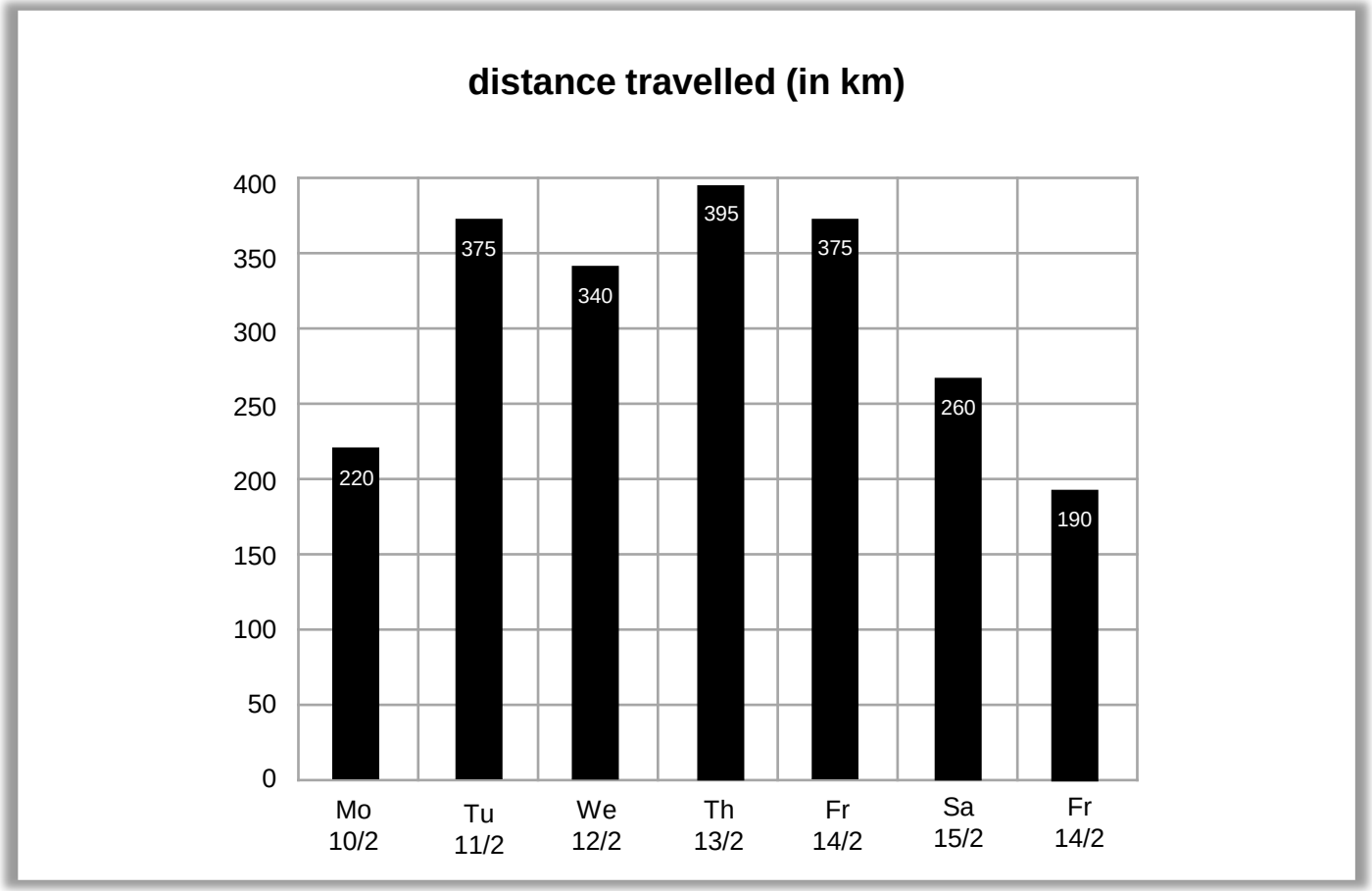
	score
Vehicle control	
acceleration (16)	48
deceleration (34)	75
steering (4)	73
Sharing the road with others	
tailgating (1)	69
lane discipline (0)	73
overtaking (0)	76
forward collision avoidance (0)	81
vulnerable road user avoidance (6)	92
Speed management	
speeding (12)	82
Driver fitness	
fatigue (4)	67
distraction (4)	70
sleep deprivation (4)	67
Use of safety devices	
i-DREAMS in-vehicle device (0)	85



SCORES

Safety | 2020-02-10 | 2020-02-16 | User123 | Per day | General indicators

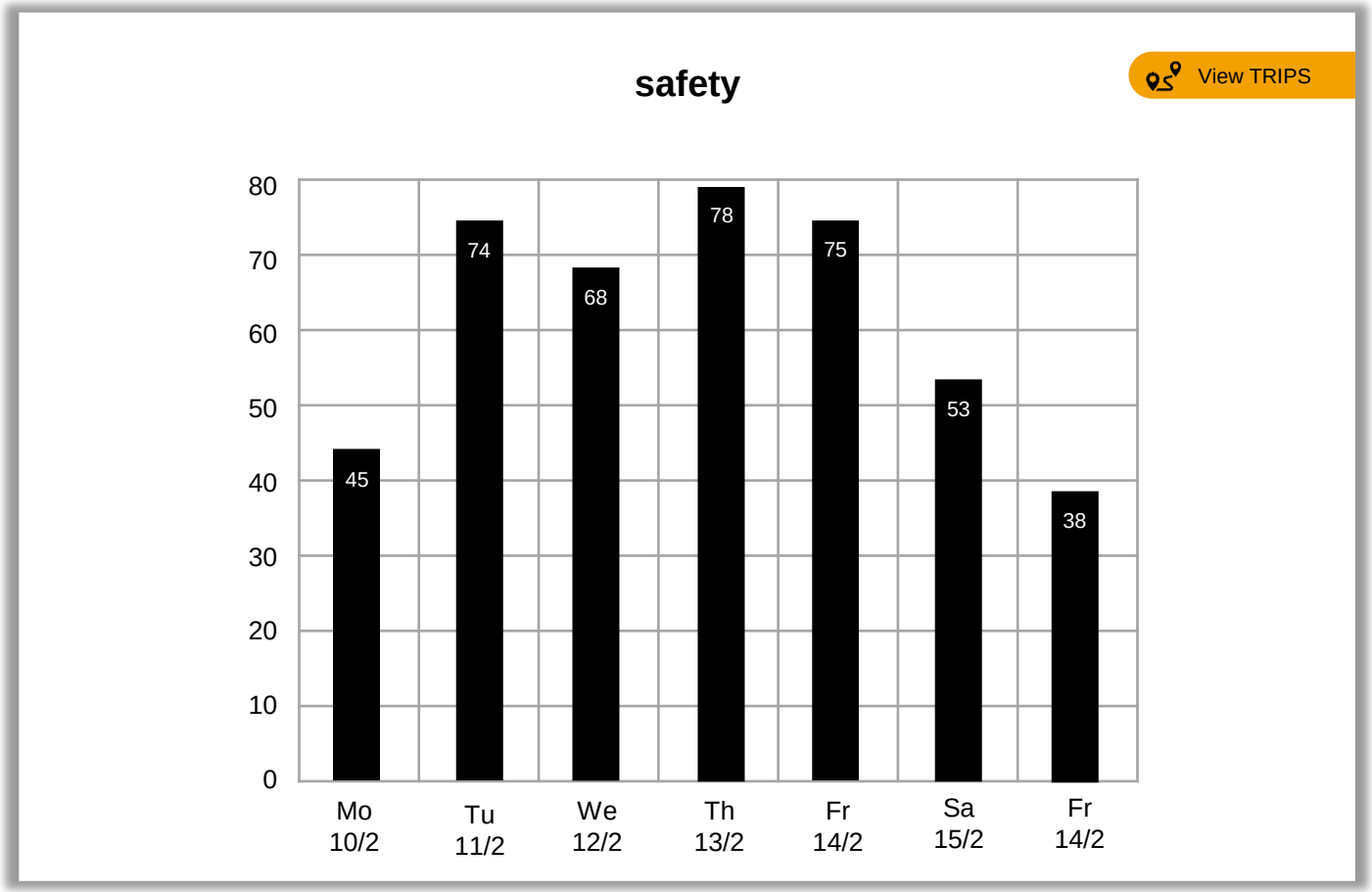
- [x] distance travelled (km)
- [ ] time driven (h)
- [ ] number of trips
- [ ] average speed (km/h)
- [ ] average fuel consumption (l/100km)
- [ ] CO2 emission (ton)



SCORES

Safety | 2020-02-10 | 2020-02-16 | User123 | Per day | Domain scores

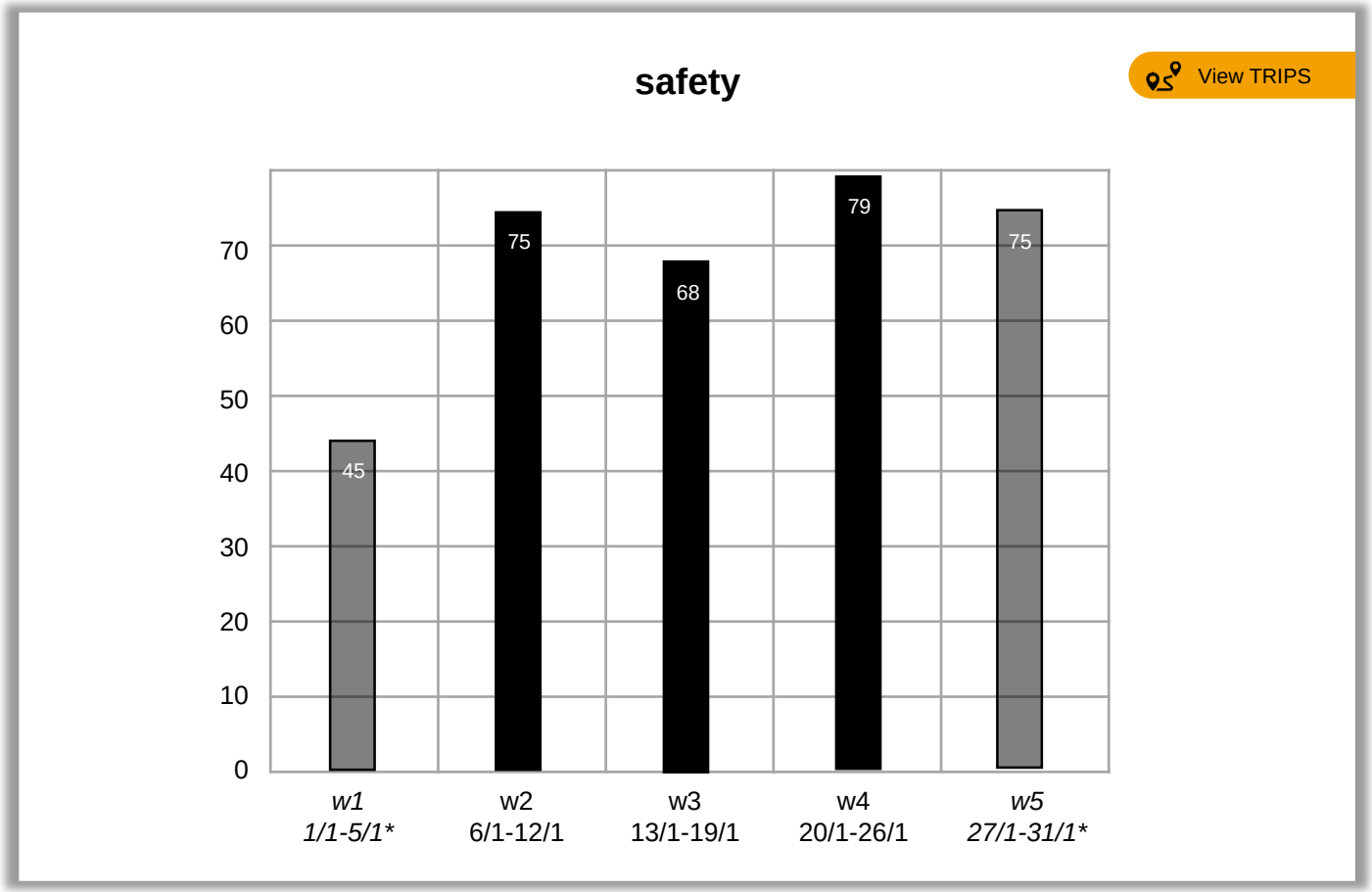
	score
Vehicle control	
acceleration (16)	48
deceleration (34)	75
steering (4)	73
Sharing the road with others	
tailgating (1)	69
lane discipline (0)	73
overtaking (0)	76
forward collision avoidance (0)	81
vulnerable road user avoidance (6)	92
Speed management	
speeding (12)	82
Driver fitness	
fatigue (4)	67
distraction (4)	70
sleep deprivation (4)	67
Use of safety devices	
i-DREAMS in-vehicle device (0)	85



SCORES

Safety | 2020-01-01 | 2020-01-31 | User123 | Per week | Domain scores

	score
Vehicle control	
acceleration (16)	48
deceleration (34)	75
steering (4)	73
Sharing the road with others	
tailgating (1)	69
lane discipline (0)	73
overtaking (0)	76
forward collision avoidance (0)	81
vulnerable road user avoidance (6)	92
Speed management	
speeding (12)	82
Driver fitness	
fatigue (4)	67
distraction (4)	70
sleep deprivation (4)	67
Use of safety devices	
i-DREAMS in-vehicle device (0)	85



*no full calendar week

PROS & CONS

Safety

Vehicle control	Speed management	Sharing the road with others	Driver fitness	Use of safety devices
☑ acceleration	☐ speeding	☐ tailgating	☐ fatigue	☐ mobileye use
☐ deceleration		☐ lane discipline	☐ distraction	
☐ steering		☐ forward collision avoidance		
		☐ lane departure avoidance		
		☐ vulnerable road user avoidance		

PROS FOR ACCELERATION

	Pros	Image	Video		
1	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Fusce eros lectus, elementum vitae viverra ac, consectetur et justo.				
2	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Fusce eros lectus, elementum vitae viverra ac, consectetur et justo.				
3	Lorem ipsum dolor sit amet, consectetur adipiscing elit.				

CONS FOR ACCELERATION

	Pros	Image	Video		
1	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Fusce eros lectus, elementum vitae viverra ac, consectetur et justo.				
2	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Fusce eros lectus, elementum vitae viverra ac, consectetur et justo.				
3	Lorem ipsum dolor sit amet, consectetur adipiscing elit.				

PROS FOR ACCELERATION

	Pros	Image	Video
1	Lorem ipsu elementum		
2	Lorem ipsu elementum		
3	Lorem ipsu		

CONS FOR A

	Pros
1	Lorem ipsu elementum
2	Lorem ipsu elementum vitae viverra ac, consectetur et justo.
3	Lorem ipsum dolor sit amet, consectetur adipiscing elit.

ADD PRO FOR ACCELERATION

Describe the pro you wish to add

Upload image

Upload video

SAVE

COPING TIPS

Safety

Vehicle control	Speed management	Sharing the road with others	Driver fitness	Use of safety devices
☑ acceleration	☐ speeding	☐ tailgating	☐ fatigue	☐ mobileye use
☑ deceleration		☐ lane discipline	☐ distraction	
☐ steering		☐ forward collision avoidance		
		☐ lane departure avoidance		
		☐ vulnerable road user avoidance		

COPING TIPS

Safety

COPING TIPS FOR DECELERATION

	Pros	Image	Video		
1	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Fusce eros lectus, elementum vitae viverra ac, consectetur et justo.				
2	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Fusce eros lectus, elementum vitae viverra ac, consectetur et justo.				

Lane departure avoidance

Vulnerable road user avoidance

COPING TIPS

Safety

COPING TIP

Pros

1 Lorem ipsu elementum

2 Lorem ipsu elementum

ADD COPING TIP FOR DECELERATION

Describe the coping tip you wish to add

Upload image

Upload video

SAVE

Vulnerable road user avoidance

GOALS & BADGES

Safety

Vehicle control	Speed management	Sharing the road with others	Driver fitness	Use of safety devices
☐ acceleration	☐ speeding	☐ tailgating	☐ fatigue	☐ mobileye use
☐ deceleration		☐ lane discipline	☐ distraction	
☑ steering 16		☐ forward collision avoidance		
		☐ lane departure avoidance		
		☐ vulnerable road user avoidance		

GOALS & BADG

Vehicle control

Acceleration

Deceleration

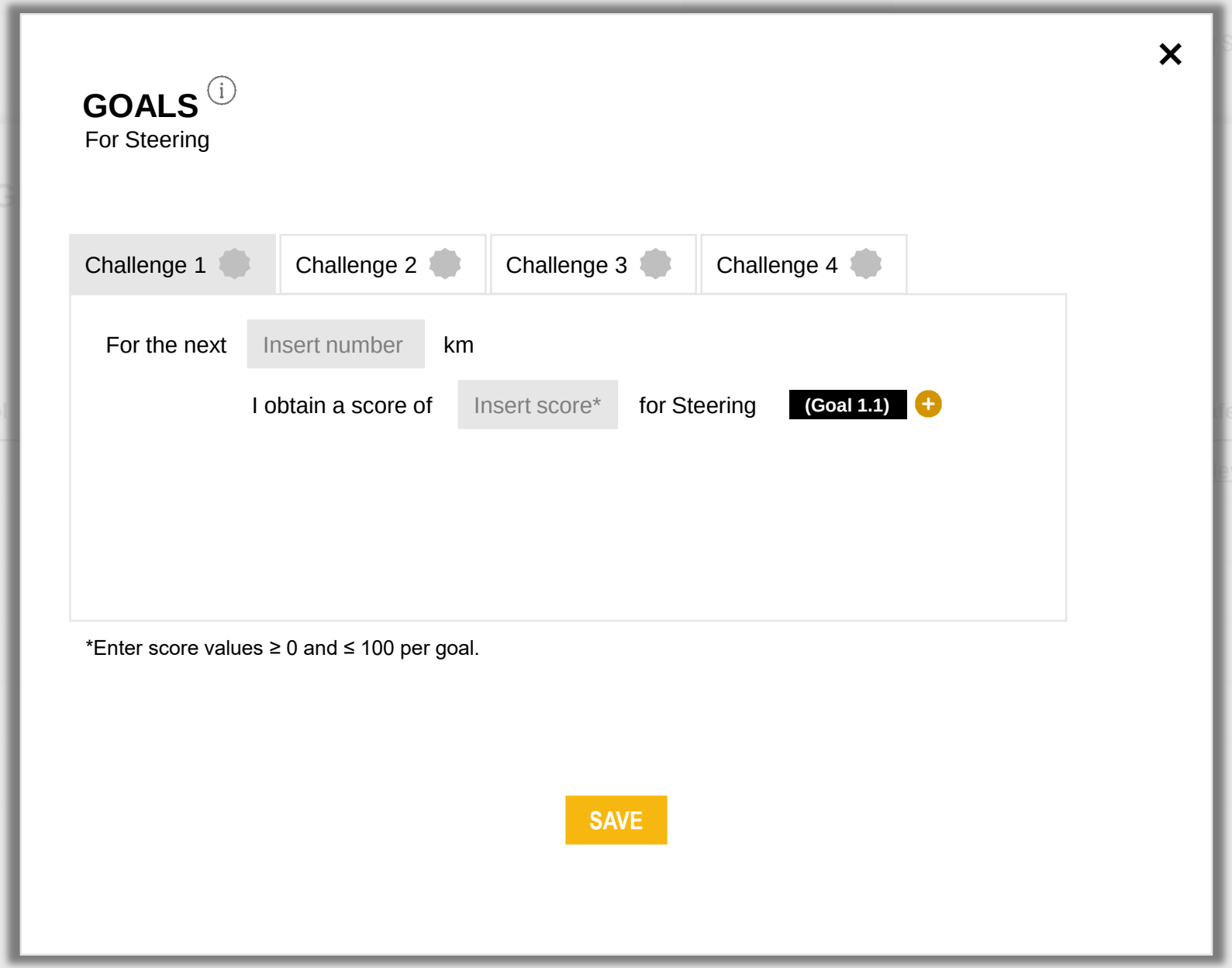
Steering (16)

afety devices

leye Use

LAUNCHED GOALS FOR STEERING

No.	Goal	
1.1	For the next 100 km I obtain a score of 20 for Steering	
1.2	For the next 100 km I obtain a score of 30 for Steering	
1.3	For the next 100 km I obtain a score of 40 for Steering	
1.4	For the next 100 km I obtain a score of 50 for Steering	
2.1	For the next 250 km I obtain a score of 20 for Steering	
2.2	For the next 250 km I obtain a score of 30 for Steering	
2.3	For the next 250 km I obtain a score of 40 for Steering	
2.4	For the next 250 km I obtain a score of 50 for Steering	
3.1	For the next 500 km I obtain a score of 20 for Steering	
3.2	For the next 500 km I obtain a score of 30 for Steering	
3.3	For the next 500 km I obtain a score of 40 for Steering	
3.4	For the next 500 km I obtain a score of 50 for Steering	
4.1	For the next 750 km I obtain a score of 20 for Steering	
4.2	For the next 750 km I obtain a score of 30 for Steering	
4.3	For the next 750 km I obtain a score of 40 for Steering	
4.4	For the next 750 km I obtain a score of 50 for Steering	



GOALS

For Steering

Challenge 1 | Challenge 2 | Challenge 3 | Challenge 4

For the next [Insert number] km

I obtain a score of [Insert score*] for Steering (Goal 1.1)

*Enter score values ≥ 0 and ≤ 100 per goal.

SAVE

GOALS

For Steering

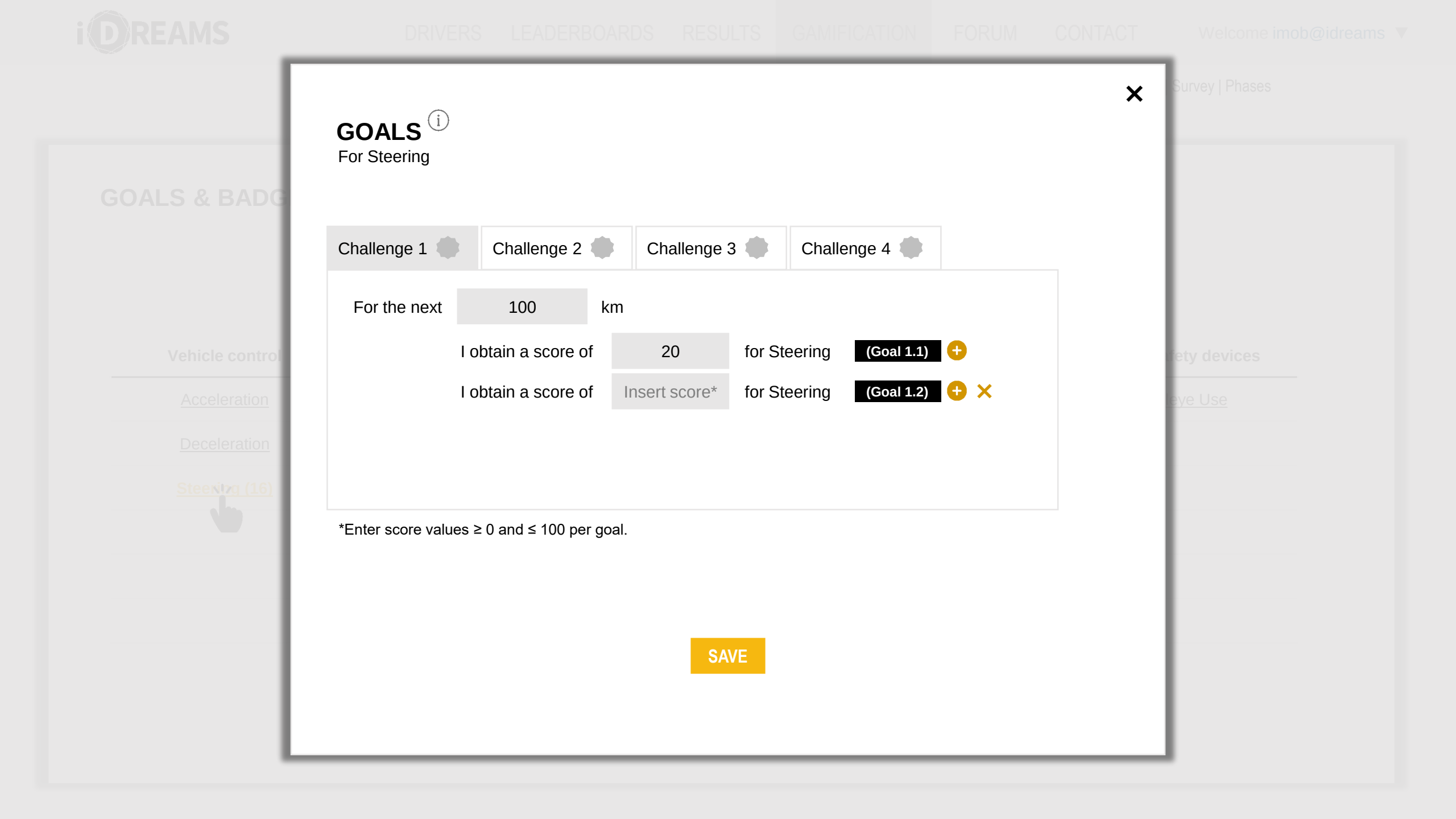
Challenge 1 | Challenge 2 | Challenge 3 | Challenge 4

For the next 100 km

I obtain a score of 20 for Steering (Goal 1.1)

*Enter score values ≥ 0 and ≤ 100 per goal.

SAVE


iDREAMS
DRIVERS
LEADERBOARDS
RESULTS
GAMIFICATION
FORUM
CONTACT
Welcome imob@idreams
Survey | Phases
GOALS & BADG
Vehicle control
Acceleration
Deceleration
Steering (16)
ety devices
eye Use
GOALS
For Steering
Challenge 1
Challenge 2
Challenge 3
Challenge 4
For the next
100
km
I obtain a score of
20
for Steering
(Goal 1.1)
I obtain a score of
Insert score*
for Steering
(Goal 1.2)
*Enter score values ≥ 0 and ≤ 100 per goal.
SAVE

GOALS

For Steering

Challenge 5 | Challenge 6 | Challenge 7 | Challenge 8

For the next 1750 km

I obtain a score of	20	for Steering	(Goal 8.1)
I obtain a score of	30	for Steering	(Goal 8.2)
I obtain a score of	40	for Steering	(Goal 8.3)
I obtain a score of	50	for Steering	(Goal 8.4)

*Enter score values ≥ 0 and ≤ 100 per goal.

SAVE

CREDITS

START CREDITS

Enter amount

BONUS CREDITS

Completing LEVEL1 =	Enter amount	Bonus credits
Completing LEVEL2 =	Enter amount	Bonus credits
Completing LEVEL3 =	Enter amount	Bonus credits
Completing LEVEL4 =	Enter amount	Bonus credits
Completing LEVEL5 =	Enter amount	Bonus credits
Completing LEVEL6 =	Enter amount	Bonus credits
Completing LEVEL7 =	Enter amount	Bonus credits
Completing LEVEL8 =	Enter amount	Bonus credits
Completing LEVEL9 =	Enter amount	Bonus credits
Completing LEVEL10 =	Enter amount	Bonus credits

SAVE

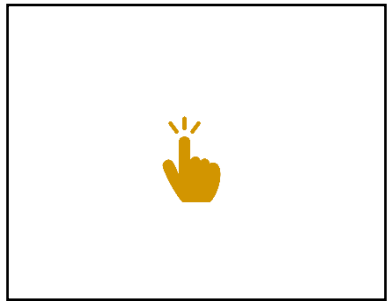
SHOP

Search product …

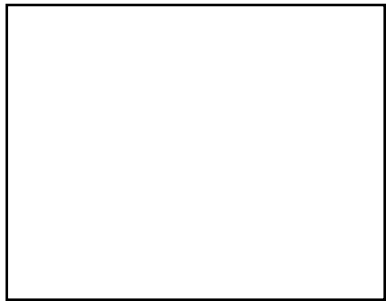
45 products

Shop per category

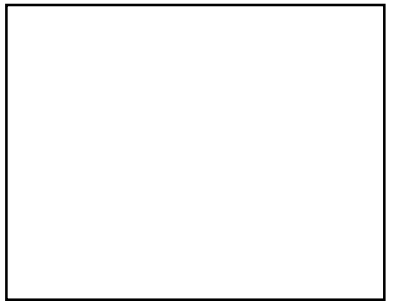
- All products
- Popular
- Food & drinks
- Activities
- Overnight
- Wellness & beauty
- Sports
- Courses & workshops



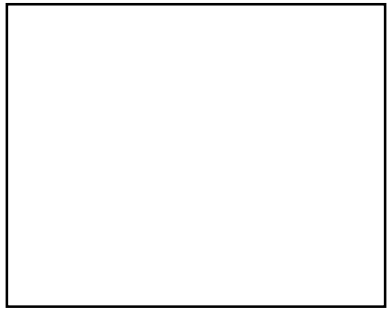
PRODUCT NAME
123 credits



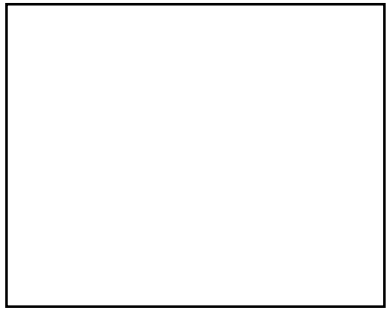
PRODUCT NAME
123 credits



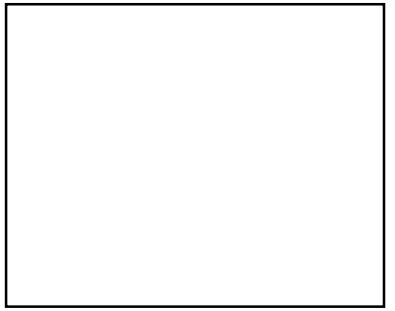
PRODUCT NAME
123 credits



PRODUCT NAME
123 credits

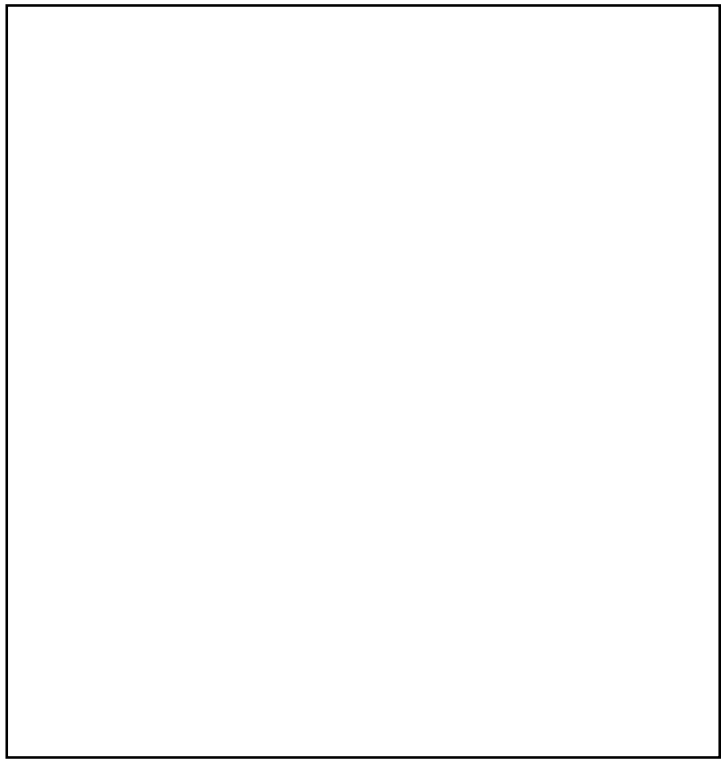


PRODUCT NAME
123 credits



PRODUCT NAME
123 credits

PRODUCT DETAILS



PRODUCT NAME
123 credits

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Category: All, Food & drinks

DELETE PRODUCT FROM SHOP

Phases

SHOP + AD

Shop per categ
All products
Popular
Food & drinks
Activities
Overnight
Wellness & beau
Sports
Courses & works

ducts

PRODUCT DETAILS

Change/Upload image

PRODUCT NAME

123 **Credits**

Description

Category

SAVE

SHOP + AD

Shop per categ
All products
Popular
Food & drinks
Activities
Overnight
Wellness & beau
Sports
Courses & works

ducts

PRODUCT DETAILS

Change/Upload image

PRODUCT NAME

123 **Credits**

Description

Category

- ❑ All products
- ❑ Popular
- ❑ Food & drinks
- ❑ Activities
- ❑ Overnight
- ❑ Wellness & beauty
- ❑ Sports
- ❑ Courses & workshops

SURVEY

Safety

30 questions

Vehicle control: Acceleration

1. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

- ☑ **Tralala**
- ❑ Tralalie
- ❑ Tralaloe

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam suscipit nec sapien finibus condimentum. In pretium eu neque sed egestas. In dignissim arcu condimentum est pharetra facilisis. Nunc dignissim ac metus eget dapibus.

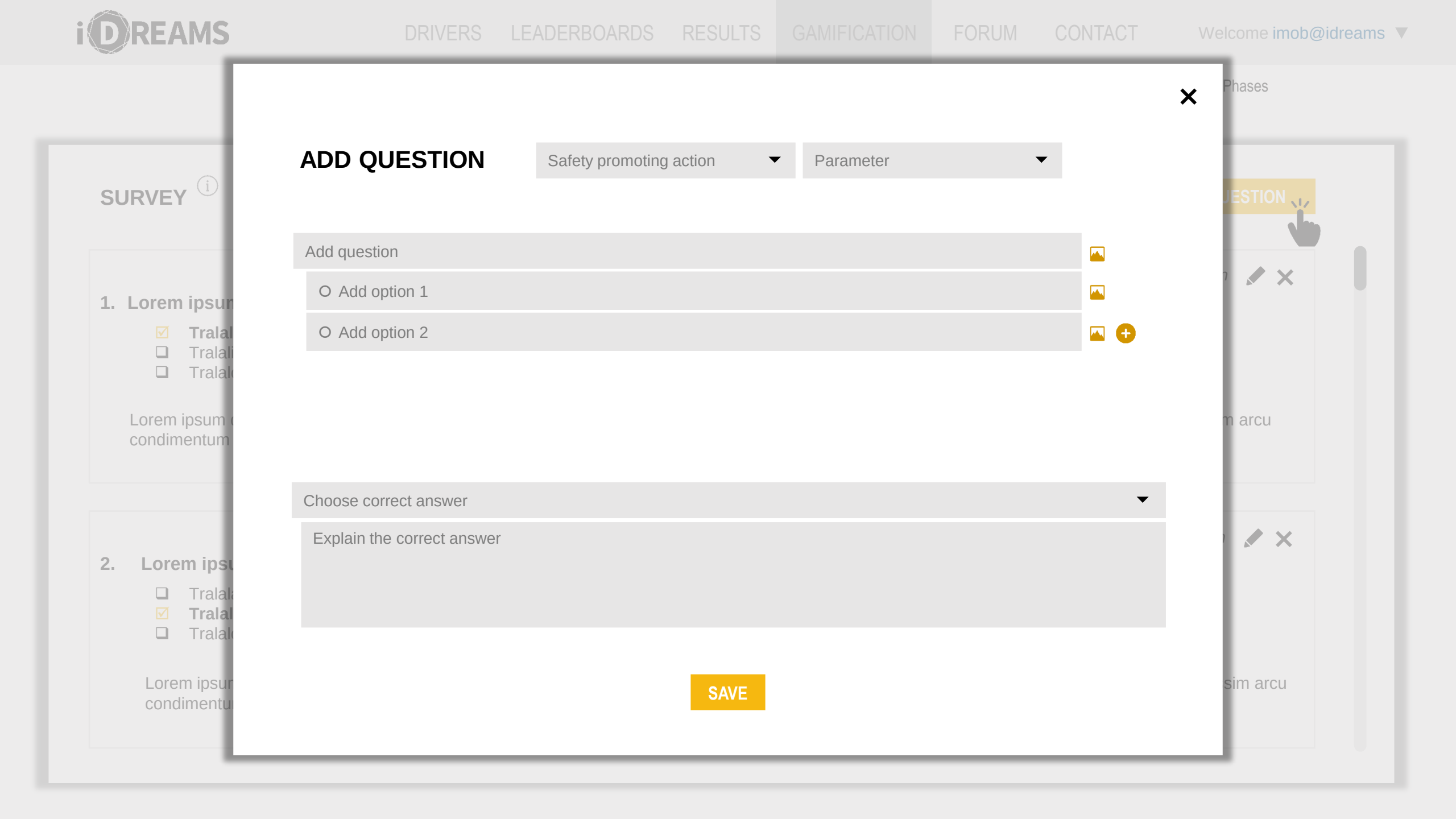
Vehicle control: Deceleration

2. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

- ❑ Tralala
- ☑ **Tralalie**
- ❑ Tralaloe

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam suscipit nec sapien finibus condimentum. In pretium eu neque sed egestas. In dignissim arcu condimentum est pharetra facilisis. Nunc dignissim ac metus eget dapibus.

SAVE


iDREAMS
DRIVERS
LEADERBOARDS
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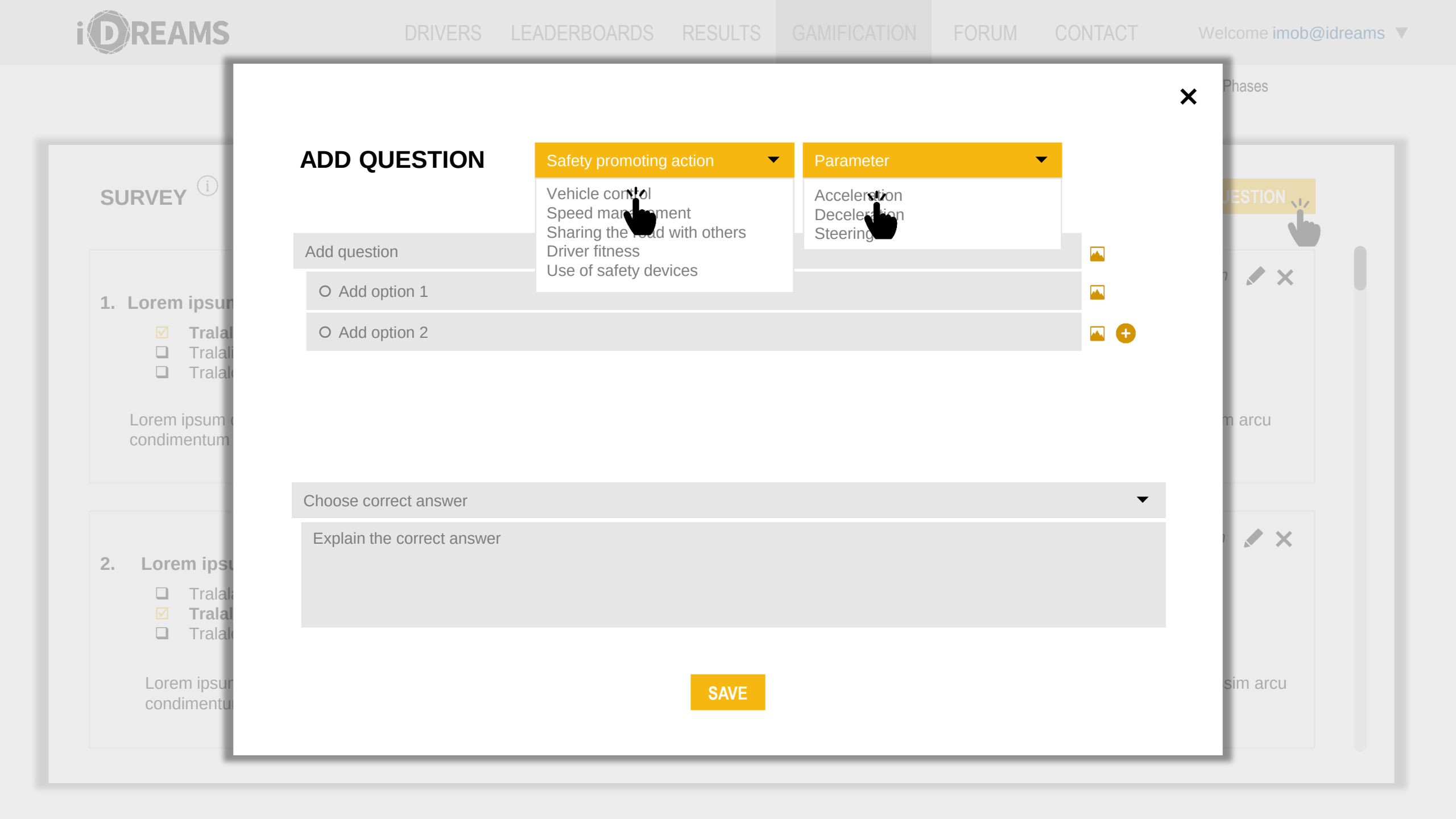
FORUM
CONTACT
Welcome imob@idreams
Phases
SURVEY
ADD QUESTION
Safety promoting action
Parameter
Add question
Add option 1
Add option 2
Choose correct answer
Explain the correct answer
SAVE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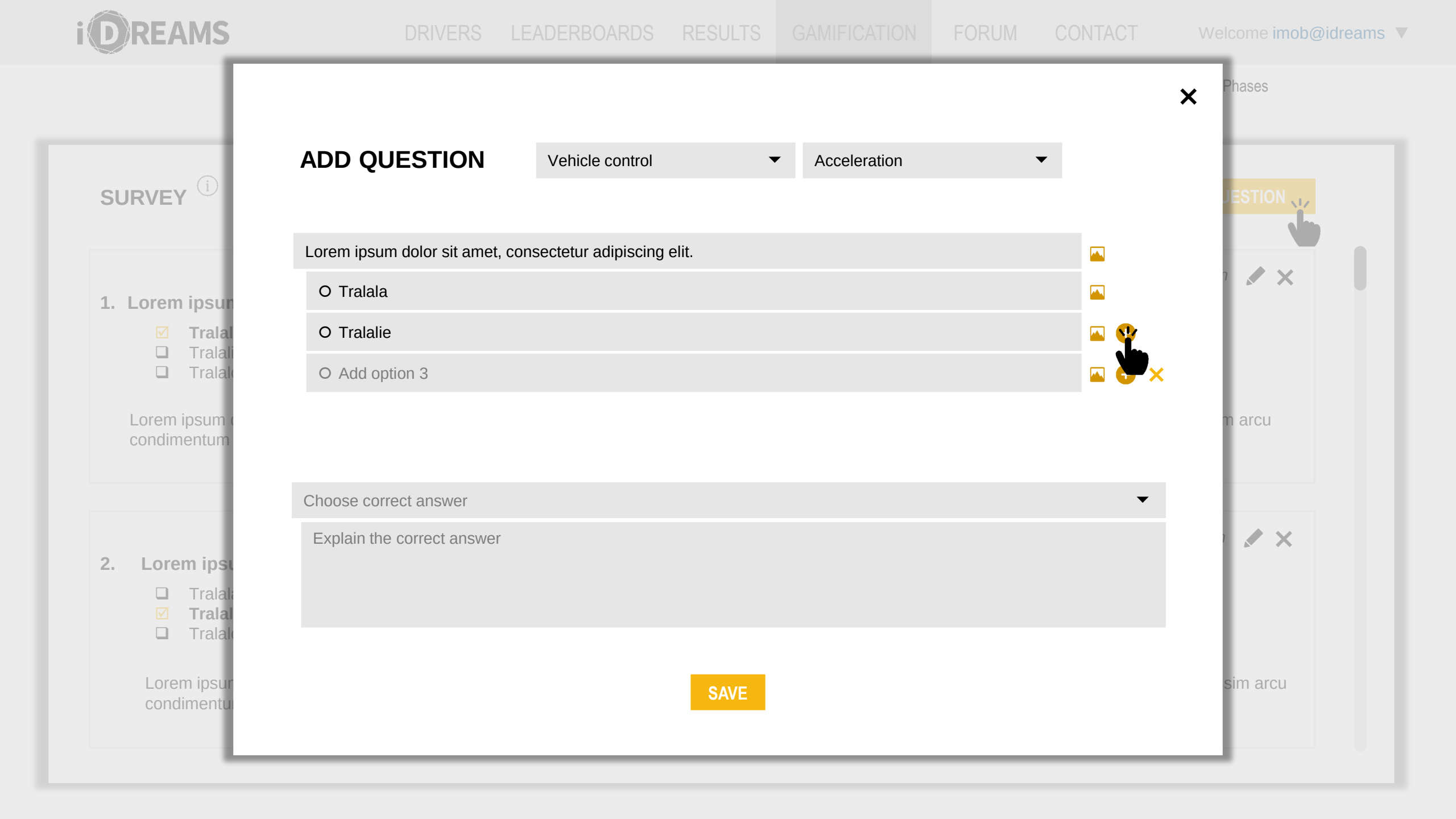
ADD QUESTION
Safety promoting action
Parameter
Vehicle control
Speed management
Sharing the road with others
Driver fitness
Use of safety devices
Acceleration
Deceleration
Steering
Add question
Add option 1
Add option 2
Choose correct answer
Explain the correct answer
SAVE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ADD QUESTION
Vehicle control
Acceleration
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Tralala
Tralalie
Add option 3
Choose correct answer
Explain the correct answer
SAVE

SURVEY

Safety

30 questions

Vehicle control: Acceleration

1. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

- ☑ **Tralala**
- ❑ Tralalie
- ❑ Tralaloe

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam suscipit nec sapien finibus condimentum. In pretium eu neque sed egestas. In dignissim arcu condimentum est pharetra facilisis. Nunc dignissim ac metus eget dapibus.

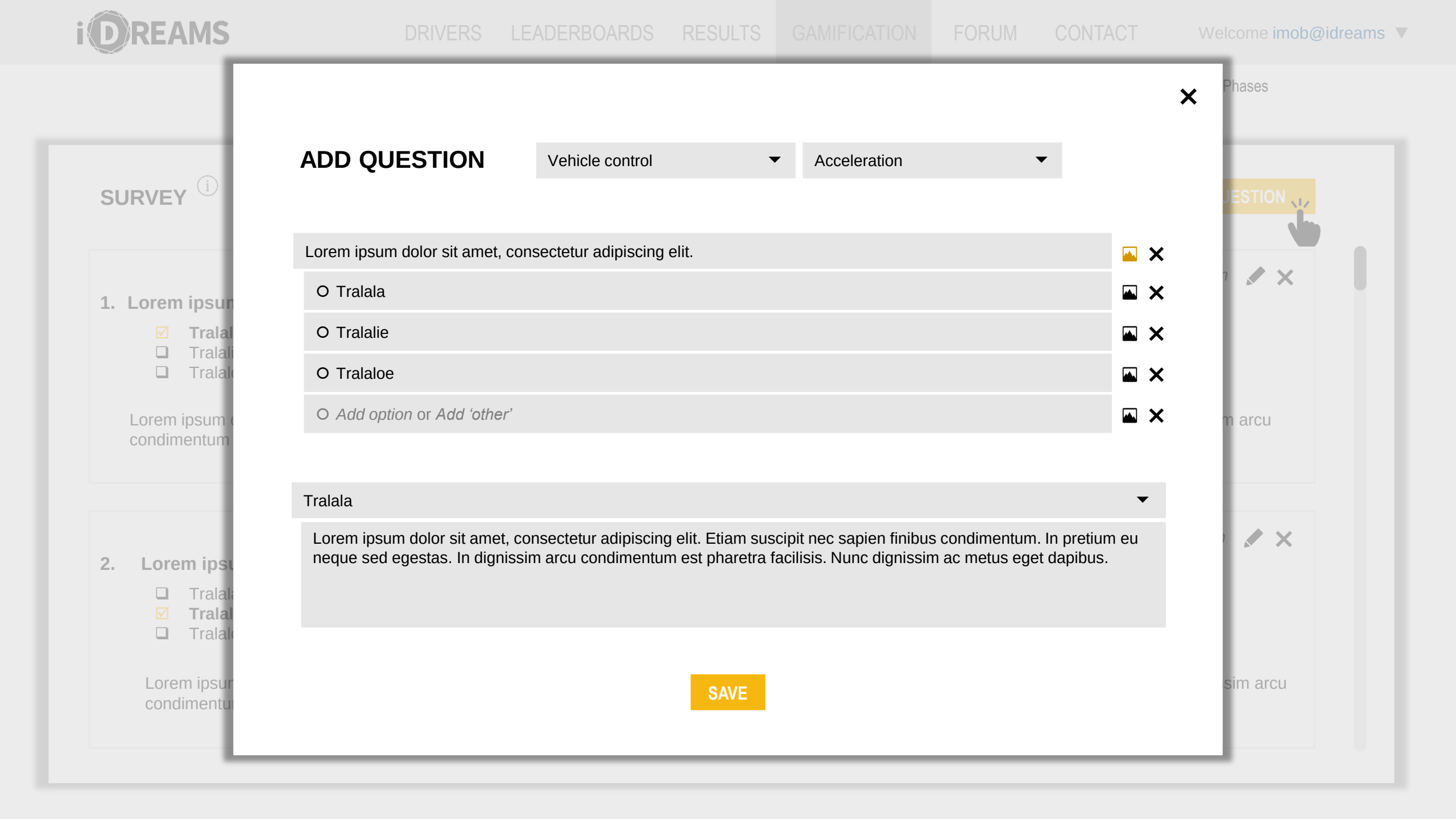
Vehicle control: Deceleration

2. Lorem ipsum dolor sit amet, consectetur adipiscing elit.

- ❑ Tralala
- ☑ **Tralalie**
- ❑ Tralaloe

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam suscipit nec sapien finibus condimentum. In pretium eu neque sed egestas. In dignissim arcu condimentum est pharetra facilisis. Nunc dignissim ac metus eget dapibus.

SAVE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condimentum
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ADD QUESTION
Vehicle control
Acceleration
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Tralala
Tralalie
Tralaloe
Add option or Add 'other'
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SAVE

PHASES ⓘ

Unaware *(Precontemplation)*	**Aware** *(Contemplation)*	**Considering** *(Preparation)*	**Determined** *(Action)*	**Consolidating** *(Maintenance)*
☑ Scores	☑ Scores	☑ Scores	☑ Scores	☑ Scores
☑ Pros and Cons	☑ Pros and Cons	☑ Pros and Cons	☑ Pros and Cons	☑ Pros and Cons
❑ Coping tips	☑ Coping tips	☑ Coping tips	☑ Coping tips	☑ Coping tips
❑ Levels	☑ Levels	☑ Levels	☑ Levels	☑ Levels
❑ Individual goals	❑ Individual goals	☑ Individual goals	☑ Individual goals	☑ Individual goals
❑ Group goals	❑ Group goals	❑ Group goals	❑ Group goals	☑ Group goals
❑ Leaderboards	❑ Leaderboards	☑ Leaderboards	☑ Leaderboards	☑ Leaderboards
❑ Progression	☑ Progression	☑ Progression	☑ Progression	☑ Progression
❑ Individual badges	❑ Individual badges	☑ Individual badges	☑ Individual badges	☑ Individual badges
❑ Group badges	❑ Group badges	❑ Group badges	❑ Group badges	☑ Group badges
☑ Credits	☑ Credits	☑ Credits	☑ Credits	☑ Credits
❑ Shop	☑ Shop	☑ Shop	☑ Shop	☑ Shop
☑ Survey	☑ Survey	☑ Survey	☑ Survey	☑ Survey
☑ Forum	☑ Forum	☑ Forum	☑ Forum	☑ Forum

SAVE

FORUM

Messages | Target audience

POST YOUR MESSAGE

From: Me

To: Choose

Subject

Message text

Upload image | Upload video

SEND

FORUM

Messages

My messages
All messages

Target audience

All drivers
Group
- Kipper – Novice drivers
- Huig – Senior drivers
- Kipper – Advanced drivers
- Kipper – Senior drivers

Transport type
- long_haul_lt_300
- long_haul_gt_300
- distribution
- construction
- heavy_haulage

Drives
- User123
- User456
- User789

POST YOUR MESSAGE

From: Me

To: Choose

Subject

Message text

Upload image

Upload video

SEND

FORUM

My messages | All drivers

TITLE OF MESSAGE 1

Lorem ipsum dolor sit amet, ad sumo utroque eum. Persius tacimates ne sea. Sit putent erroribus maluisset in. Accusamus disputando … read more

Posted on 24/03/2020 15:54 by me 64 4 20

TITLE OF MESSAGE 2

Lorem ipsum dolor sit amet, ad sumo utroque eum. Persius tacimates ne sea. Sit putent erroribus maluisset in. Accusamus disputando … read more

Posted on 20/03/2020 9:36 by me 13 6 34

TITLE OF MESSAGE 3

Lorem ipsum dolor sit amet, ad sumo utroque eum. Persius tacimates ne sea. Sit putent erroribus maluisset in. Accusamus disputando … read more

Posted on 19/03/2020 10:02 by me 2 1 5

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My messages | All drivers

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Lorem ipsum dolor sit amet, praesent gubergren vis ne, id eos quaestio inimicus pericula, quo ei sumo antiopam. Ne nam justo nominati, mea ad affert maiorum cotidieque. Novum tamquam vel id. Te vim graeci menandri, et sumo nonumes vivendum has, dicta volutpat at mel. Vix no option aliquip feugiat, cum delectus intellegebat no.
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Posted on 24/03/2020 15:54 by me

64 3 20

Lorem ipsum dolor sit amet, praesent gubergren vis ne, id eos quaestio inimicus pericula, quo ei sumo antiopam.

Posted on 24/03/2020 15:56 by User123 0

Lorem ipsum dolor sit amet, praesent gubergren vis ne, id eos quaestio inimicus pericula, quo ei sumo antiopam.

Posted on 24/03/2020 16:10 by User456 0

Lorem ipsum dolor sit amet, praesent gubergren vis ne, id eos quaestio inimicus pericula, quo ei sumo antiopam.

Posted on 24/03/2020 16:30 by User789 0

REACT HERE

Message text

POST REACTION

< Back

TITLE OF MESSAGE 1

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Posted on 24/03/2020 16:00 by me 0

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Posted on 24/03/2020 16:10 by User456 0

REACT HERE

Message text

POST REACTION

CONTACT

The i-DREAMS project is coordinated by:

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Belgium

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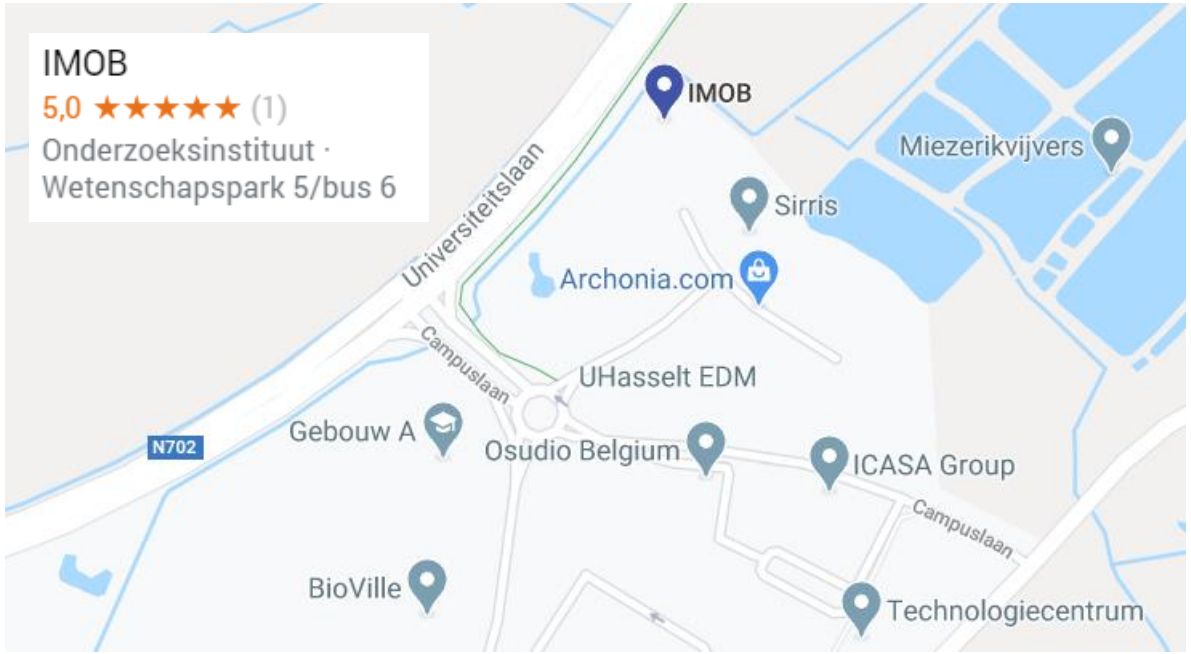
Email: idreams.admin@uhasselt.be



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