



# **PedalaMi Acceptance Test Plan**

**Version 2.0**

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## Revision History

Date	Version	Description	Author
2021-12-17	1.0	Initial Draft	Lorenzo Italiano, Panagiotis Bampilis, David Støvlbæk, Liene Andersone
2022-01-12	2.0	Tests modified according to the final product	Lorenzo Italiano

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## 1. Introduction

### 1.1 Purpose of this document

The purpose of this document is to describe the testing process of the PedalaMi system. The goal is to verify that the system satisfies the requirements and the user stories presented in the Requirements Document.

### 1.2 Document organization

The document is organized as follows:

- Section 1, *Introduction*, describes the contents of this guide, used documentation during the developing process etc.
- Section 2, *Background*, briefly introduces the background of the PedalaMi project.
- Section 3, *Acceptance Testing process*, describes the overview of the testing process.
- Section 4, *Tests*, provides a series of test cases that will be performed during the acceptance testing process.

### 1.3 Intended Audience

- **Team members**, the development team should have full access to this document, which provides guidelines on how to test the system.
- **Supervisors**, the professors from POLIMI and MDH should have full access to this document, to evaluate and grade the progress of the development as well as to advise the team where it is needed.
- **Customer**, Deloitte Digital, to whom deliver the final product. They should have full access to this document, to verify if the system meets all the requirements.

### 1.4 Scope

This document addresses the acceptance tests. Guidelines are provided for each test on how to conduct tests and a test and quotation of an acceptance of it to determine either success or failure of the test. This document does not contain the results of the acceptance test as they will be described in the Acceptance test report.

### 1.5 Definitions and acronyms

#### 1.5.1 Definitions

Keyword	Definitions
User	Synonym for <i>registered user</i>
User profile	A term indicating all the information linked to a user, such as its username, its profile picture, its teams and its personal statistics
Navigation Bar	The bottom part of the application, it is used to move between the main pages
Nav Bar	Abbreviation of Navigation Bar
Tab	A button at the Navigation Bar

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<b>Ride data</b>	Term indicating the group of path, time, burned calories and average speed of a ride.
<b>Record a ride</b>	Collect ride data
<b>Public event</b>	Synonym for both <i>individual public events</i> and <i>team public events</i>
<b>Private event</b>	Synonym for <i>team private events</i>
<b>Badge</b>	Special rewards that can be unlocked after completing specific tasks. They are visible in the user profile.
<b>Reward</b>	The prize that the user can claim in exchange of earned points
<b>Individual public event</b>	The event proposed by the system admins that every user can join individually.
<b>Exclusive Event</b>	An individual public event whose access is limited to users who hold one or more specific badges, selected by the event creator.
<b>Team private event</b>	An event proposed by team admins, in which only two teams can participate.
<b>Team public event</b>	An event created by system admins that could have been proposed by team admins, in which an unlimited number of teams can participate.
<b>Unit Testing</b>	Type of software testing where individual units or components are tested.

### 1.5.2 Acronyms and abbreviations

Acronym or abbreviation	Definitions
<b>NTR</b>	Nothing to Report. There is no information on a specific topic available or necessary.
<b>POLIMI</b>	Politecnico di Milano
<b>MDH</b>	Mälardalen University
<b>UI</b>	User Interface
<b>UX</b>	User Experience
<b>App</b>	Mobile Application
<b>Web App</b>	Web Application
<b>UAT</b>	User Acceptance Testing

## 1.6 References

- *Requirements definition document:*  
[https://www.fer.unizg.hr/download/repository/Requirements\\_Definition\\_Document%5B8%5D.pdf](https://www.fer.unizg.hr/download/repository/Requirements_Definition_Document%5B8%5D.pdf)

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## 2. Background

**PedalaMi** is an application created for promoting the use of bikes as a green and sustainable alternative to the non-zero-emissions means of transport, which still represent the most preferred choice in the field.

The main idea on PedalaMi is based on nudge and gamification techniques: a user, riding a bike, can obtain badges and collect points to redeem rewards. Users can also join teams and participate in private or public events.

This objective is pursued by providing the users with an interactive system that encourages cycling thanks to a fun reward and challenge-based system, in order to enrich the standard riding experience to make it more appealing to casual bikers.

The customers of the project are Guido Perrucchini and Giuseppe Valerio Gramazio, who are employed by **Deloitte Digital** as developer consultants.

The project team consists of six people from POLIMI and four from MDH, with one supervisor from each university.

## 3. Overview of the Testing Process

The *User Acceptance Testing* (UAT) is performed by an end-user and the test cases described in this document are created to test the overall user interaction with both the application, using Android and IOS mobile devices, and the web application.

These tests are designed to cover all of the functional requirements of the application with a focus on the front-end.

The back-end is tested using the Unit Testing approach and it will not be addressed in this document.

The planning of the tests is made in accordance with the customer. In order to stick with his advice, a shared document where all the tests are present was created and it is checked by the customer. The customer adds three new columns: outcome, notes and test specifications; in this way, the results of the tests, and the specification used during those tests, are marked in each of them.

In the next meetings, the customer is going to make a UAT giving as coverage and feedback.

For this reason, in the first version of this document, the coverage of the tests will not be shown.

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### 3.1 Requirements

ID	Description
R1	The application must have authentication, allowing users to login
R2	The application must allow users to record bike rides
R2.1	The app should allow users to see the rides made
R3	The application must collect users' rides statistics and display them
R4	The application must allow users to edit their username and their profile picture
R5	The application must allow users to earn points from their rides
R6	The application must assign badges to the users as a reward, based on their rides' statistics
R7	The app should allow users to redeem rewards
R8	The app should display information about the redeemed rewards
R9	The application should allow users to create teams and become team admins
R10	The application should allow users to search for teams and join them
R11	The application should allow team admins to create private team events
R12	The application should allow system admins to create individual public events
R13	The application should allow system admins to create exclusive public events
R14	The application should allow a Team admin to propose a public team event that has to be approved by a System Admin
R15	The application should display to the user the available events and allow users to enrol for them
R16	The application could allow team admins to invite other teams to join private events
R17	The app should give extra points to the user if they bike in adverse weather

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<b>R18</b>	The web app should display all the user's statistics
<b>R19</b>	The app could alert the user when the air quality is low

## 4. Tests

### 4.1 Registration and Login

Test Name	Registration
<b>ID</b>	T1
<b>Requirements</b>	R1
<b>Prerequisites</b>	User has an active Google account, User installs and opens the app
<b>PASS / FAIL criteria</b>	User joins with their Google account
<b>Procedure</b>	<ul style="list-style-type: none"> <li>- User installs the application</li> <li>- User clicks on Google authentication button</li> <li>- User enters a username</li> <li>- User allows/declines access to location</li> </ul>

Test Name	User Login
<b>ID</b>	T2
<b>Requirements</b>	R1
<b>Prerequisites</b>	User has registered in the app
<b>PASS / FAIL criteria</b>	User gets redirected to Map Tab
<b>Procedure</b>	<ul style="list-style-type: none"> <li>- User starts the application</li> <li>- User clicks on Google authentication button</li> <li>- User allows/declines access to location</li> </ul>

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## 4.2 Navigation Bar

Test Name	Navigate to Profile Tab
ID	T3
Requirements	R3
Prerequisites	User has logged in
PASS/FAIL criteria definition	System shows information about Points, Rewards, Statistics, Earned Badges and Ride History
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Profile Tab on Navigation Bar</li> </ul>

Test Name	Navigate to Map Tab
ID	T4
Requirements	R2
Prerequisites	User has logged in
PASS/FAIL criteria definition	System shows user's location on map
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Map Tab on Navigation Bar</li> </ul>

Test Name	Navigate to Teams Tab
ID	T5
Requirements	R9
Prerequisites	User has logged in
PASS/FAIL criteria definition	System allows user to search for Teams and shows information about Joined Teams
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Teams Tab on Navigation Bar</li> </ul>

Test Name	Navigate to Rewards Tab
ID	T6
Requirements	R8
Prerequisites	User has logged in
PASS/FAIL criteria definition	System shows list of all available Rewards to be redeemed
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Rewards Tab on Navigation Bar</li> </ul>



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Test Name	Navigate to Events Tab
ID	T7
Requirements	R15
Prerequisites	User has logged in
PASS/FAIL criteria definition	System shows Joined Events and allow user to search for Available Events
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Events Tab on Navigation Bar</li> </ul>

#### 4.3 Rides

Test Name	Start a Ride
ID	T8
Requirements	R2
Prerequisites	User is in Map Tab
PASS/FAIL criteria definition	The Stop button is displayed on the screen
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Map Tab on Navigation Bar</li> <li>- User clicks on "Start Ride" button</li> </ul>

Test Name	Perform a Ride
ID	T9
Requirements	R2
Prerequisites	User has started a ride
PASS/FAIL criteria definition	The location on the map changes
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Map Tab on Navigation Bar</li> <li>- User click on "Start Ride" button</li> <li>- User performs the ride</li> </ul>

Test Name	Stop a Ride
ID	T10
Requirements	R5
Prerequisites	User is performing a ride and he is in the Map Tab
PASS/FAIL criteria definition	System shows information related to the ride and points earned
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Map Tab on Navigation Bar</li> <li>- User click "Start Ride" button</li> <li>- User starts biking</li> <li>- User clicks "Stop Ride" button</li> </ul>

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Test Name	View the Previous Rides
ID	T11
Requirements	R2.1
Prerequisites	User is in the Profile Tab, User has performed at least one ride
PASS/FAIL criteria definition	System shows path of the ride on map
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Profile Tab on Navigation Bar</li> <li>- User scrolls vertically the white part of the screen</li> <li>- User reaches Previous Rides section</li> <li>- User clicks on one of the rides</li> </ul>

#### 4.4 Profile Page

Test Name	Scroll Profile Page vertically
ID	T12
Requirements	R3
Prerequisites	User is in the Profile Tab
PASS/FAIL criteria definition	System shows Profile Page scrolled to
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Profile Tab on Navigation Bar</li> <li>- User scrolls vertically the white part of the screen</li> </ul>

Test Name	Scroll Badges list horizontally
ID	T13
Requirements	R6
Prerequisites	User is in the Profile Tab, User has earned several badges
PASS/FAIL criteria definition	<i>IF</i> badge list does not fit in his section <i>THEN</i> System shows Earned Badges not visible before
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Profile Tab on Navigation Bar</li> <li>- User scrolls vertically the white part of the screen</li> <li>- User reaches Earned Badges section</li> <li>- User scrolls this section horizontally to view the badges</li> </ul>

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Test Name	Edit Profile
ID	T14
Requirements	R4
Prerequisites	User is in the Profile Tab
PASS/FAIL criteria definition	User is redirected to profile editing view
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Profile Tab on Navigation Bar</li> <li>- User clicks on "Edit Profile" button</li> </ul>

Test Name	Change username with an NOT existing one
ID	T15.a
Requirements	R4
Prerequisites	User is editing the Profile
PASS/FAIL criteria definition	The System displays the new Username typed
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Profile Tab on Navigation Bar</li> <li>- User clicks on "Edit Profile" button</li> <li>- User enters a new username</li> <li>- User clicks on "Change Username" button</li> </ul>

Test Name	Change username with an existing one
ID	T15.b
Requirements	R4
Prerequisites	User is editing the Profile
PASS/FAIL criteria definition	The System displays the new Username typed
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Profile Tab on Navigation Bar</li> <li>- User clicks on "Edit Profile" button</li> <li>- User enters an existing username</li> <li>- User clicks on "Change Username" button</li> </ul>

Test Name	Change profile picture
ID	T16
Requirements	R4
Prerequisites	User is editing the Profile
PASS/FAIL criteria definition	The System displays the new picture selected
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Profile Tab on Navigation Bar</li> <li>- User clicks on "Edit Profile" button</li> <li>- User clicks on "Change Profile Picture" button</li> <li>- User chooses a picture from gallery or takes a new one</li> </ul>

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#### 4.5 Teams

Test Name	Create Team
ID	T17
Requirements	R9
Prerequisites	User is in the Team Tab
PASS/FAIL criteria definition	User notified with Team created successfully and the new team is visible in the list
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Teams Tab on Navigation Bar</li> <li>- User clicks on a Button with Plus icon</li> <li>- User enters a Team name</li> <li>- User enters short Team description</li> <li>- User clicks on Create team button</li> </ul>

Test Name	Search Existing Team
ID	T18.a
Requirements	R10
Prerequisites	User is in the Teams Tab
PASS/FAIL criteria definition	System shows User's search results
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Teams Tab on Navigation Bar</li> <li>- User clicks on input field, keyboard shows up</li> <li>- User types in possible team name</li> <li>- User clicks on search icon on keyboard</li> </ul>

Test Name	Search Not ExistingTeam
ID	T18.b
Requirements	R10
Prerequisites	User is in the Teams Tab
PASS/FAIL criteria definition	User is notified with "no teams found"
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Teams Tab on Navigation Bar</li> <li>- User clicks on input field, keyboard shows up</li> <li>- User types a not existing team name</li> <li>- User clicks on search icon on keyboard</li> </ul>

Test Name	Scroll Team Search
ID	T19
Requirements	R10
Prerequisites	User is in the Teams Tab
PASS/FAIL criteria definition	IF the list of teams does not fit the current page THEN teams not visible before should now be visible
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Teams Tab on Navigation Bar</li> <li>- User search for a team</li> </ul>

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Test Name	Join Team Success
ID	T20
Requirements	R10
Prerequisites	User has searched a Team
PASS/FAIL criteria definition	User notified with team joined successfully and the team appears in "My Teams" list
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Teams Tab on Navigation Bar</li> <li>- User search for a team</li> <li>- User click join team</li> </ul>

Test Name	Team Admin cannot Leave the Team
ID	T21.a
Requirements	R10
Prerequisites	User is Team Admin
PASS/FAIL criteria definition	User is notified with "Admin cannot leave his team"
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Teams Tab on Navigation Bar</li> <li>- User click on a Team Created</li> <li>- User click leave team</li> </ul>

Test Name	Leave Joined Team
ID	T21.b
Requirements	R10
Prerequisites	User has joined a Team
PASS/FAIL criteria definition	User notified with "team left successfully"
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Teams Tab on Navigation Bar</li> <li>- User click on a Team Joined</li> <li>- User click leave team</li> </ul>

Test Name	View Joined Teams
ID	T22
Requirements	R10
Prerequisites	User has joined at least one team
PASS/FAIL criteria definition	System shows list of Teams joined
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Teams Tab on Navigation Bar</li> <li>- User navigate to joined teams</li> </ul>

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Test Name	Scroll Joined Teams
ID	T23
Requirements	R10
Prerequisites	User has joined several teams
PASS/FAIL criteria definition	System shows Joined Teams not visible before
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Teams Tab on Navigation Bar</li> <li>- User navigates to My Teams</li> <li>- User scrolls teams</li> </ul>

Test Name	View Team Information
ID	T24
Requirements	R10
Prerequisites	User is in the Team Tab, User has joined at least one Team
PASS/FAIL criteria definition	System shows information about Team
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Teams Tab on Navigation Bar</li> <li>- User finds team who which to learn about</li> <li>- User clicks on the Team</li> <li>- User reads data about Team</li> </ul>

Test Name	View Team Member List
ID	T25
Requirements	R10
Prerequisites	User is inside a Team he joined
PASS/FAIL criteria definition	System shows information about Member list
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Teams Tab on Navigation Bar</li> <li>- User finds team who which to learn about</li> <li>- User clicks on the Team</li> <li>- User clicks on "Team Members"</li> <li>- User looks through members of Team</li> </ul>

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#### 4.6 Events

Test Name	Search for an existing Event
ID	T26.a
Requirements	-
Prerequisites	User is in Events Tab
PASS/FAIL criteria definition	System shows a list of available events
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Events Tab on Navigation Bar</li> <li>- User looks through events list</li> <li>- User types a name for the event</li> </ul>

Test Name	Search for a NOT existing Event
ID	T26.b
Requirements	-
Prerequisites	User is in Events Tab
PASS/FAIL criteria definition	System shows "No events found"
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Events Tab on Navigation Bar</li> <li>- User looks through events list</li> <li>- User types a name for the event</li> </ul>

Test Name	Join Event
ID	T27
Requirements	R15
Prerequisites	User is in Events Information
PASS/FAIL criteria definition	System shows the event in the "Joined Events" list
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Events Tab on Navigation Bar</li> <li>- User search for events and looks through events list</li> <li>- User click "Join" button in an event</li> </ul>

Test Name	Leave Event
ID	T28
Requirements	-
Prerequisites	User is in Events Tab
PASS/FAIL criteria definition	User notified with "Event left successfully"
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Events Tab on Navigation Bar</li> <li>- User looks through events list joined</li> <li>- User clicks on "Leave" button in an event</li> </ul>

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Test Name	Create an Individual Public Event
ID	T29
Requirements	R12
Prerequisites	User has logged in, User is a System Admin
PASS/FAIL criteria definition	System shows "Public Event created successfully", A new Individual Public Event is displayed in the page
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Events Tab on Navigation Bar</li> <li>- User looks through events list</li> <li>- User clicks "Create Public Event"</li> <li>- User provides the information needed</li> <li>- User clicks "Create"</li> </ul>

Test Name	Create an Exclusive Event
ID	T30
Requirements	R13
Prerequisites	User has logged in, User is a System Admin
PASS/FAIL criteria definition	System shows "Public Event created successfully", A new Exclusive Event is displayed in the page
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Events Tab on Navigation Bar</li> <li>- User looks through events list</li> <li>- User clicks "Create Public Event"</li> <li>- User check the "exclusive event" box</li> <li>- User select a badge</li> <li>- User provides the information needed</li> <li>- User clicks "Create"</li> </ul>

Test Name	Create Private Team event
ID	T31
Requirements	R11, R16
Prerequisites	User has logged in, User is a Team Admin
PASS/FAIL criteria definition	System shows "Private Event created successfully"
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Team Tab on Navigation Bar</li> <li>- User clicks on "Create Event" button</li> <li>- User fills out information</li> <li>- User selects "Private" event</li> <li>- User selects an adversarial team</li> <li>- User clicks on Confirm</li> </ul>



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Test Name	Propose Public Team event
ID	T32
Requirements	R14
Prerequisites	User has logged in, User is a Team Admin
PASS/FAIL criteria definition	System shows "Public event sent correctly"
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Team Tab on Navigation Bar</li> <li>- User clicks on "Create Event" button</li> <li>- User fills out information</li> <li>- User selects "Public" event</li> <li>- User clicks on Confirm</li> </ul>

#### 4.7 Badges and Rewards

Test Name	Achieve Badges
ID	T33
Requirements	R6
Prerequisites	User is performing a ride
PASS/FAIL criteria definition	System shows earned Badges
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Map Tab on Navigation Bar</li> <li>- User click "Start Ride"</li> <li>- User Starts biking</li> <li>- User clicks "Stop Ride"</li> <li>- User achieve a badge</li> <li>- User navigates to Profile Page</li> </ul>

Test Name	Check Available Rewards to Redeem
ID	T34
Requirements	R8
Prerequisites	User is in the Reward Tab
PASS/FAIL criteria definition	System shows all available rewards to be redeemed
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Rewards Tab on Navigation Bar</li> <li>- User looks through available rewards to choose from</li> </ul>

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Test Name	Redeem Reward
ID	T35
Requirements	R7
Prerequisites	User is in the Reward Tab User has enough points to redeem a reward
PASS/FAIL criteria definition	System notifies the user with "You have redeemed your reward"
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Rewards Tab on Navigation Bar</li> <li>- User looks through available rewards to choose from</li> <li>- User clicks in the button near the reward and then GET</li> <li>- User clicks on YES in the confirmation pop-up</li> </ul>

Test Name	Check Redeemed Rewards
ID	T36
Requirements	R8
Prerequisites	User is in the Reward Tab, User has redeemed at least one reward
PASS/FAIL criteria definition	System shows all redeemed rewards
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Rewards Tab on Navigation Bar</li> <li>- Clicks on "Redeemed Rewards" button</li> </ul>

#### 4.8 Web Application

Test Name	Display statistics on Web Dashboard
ID	T37
Requirements	R3, R18
Prerequisites	User is registered in the app
PASS/FAIL criteria definition	System should display the statistics of the user
Procedure	<ul style="list-style-type: none"> <li>- User opens the web page</li> </ul>

Test Name	Display the ride history on Web Dashboard
ID	T38
Requirements	R18
Prerequisites	User is registered in the app
PASS/FAIL criteria definition	System should display all the recorded rides
Procedure	<ul style="list-style-type: none"> <li>- User opens the web page</li> </ul>

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#### 4.9 Adds-on

Test Name	Air Quality Alert
ID	T39
Requirements	R19
Prerequisites	User has logged in
PASS/FAIL criteria definition	System shows a pop-up with the air quality of the current location
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Map Tab on Navigation Bar</li> <li>- User Starts a ride</li> </ul>

Test Name	Adverse Weather
ID	T40
Requirements	R17
Prerequisites	User is performing a ride in adverse weather
PASS/FAIL criteria definition	The points earned should be higher
Procedure	<ul style="list-style-type: none"> <li>- User opens the app</li> <li>- User clicks on Map Tab on Navigation Bar</li> <li>- User clicks "Start Ride"</li> <li>- User starts biking in adverse weather condition</li> <li>- User clicks "Stop Ride"</li> </ul>