

Documentation

Log in and Register page:

You can log in with an admin account with these credentials:

Username: admin@example.com

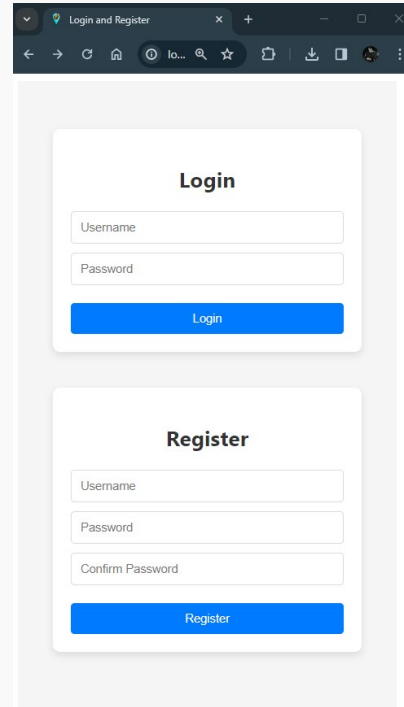
Password: adminpassword

You can register a customer account here or use one the existing accounts:

Username: user1@example.com

Password: password1

The application will automatically redirect you to either to the management view or the customer view.

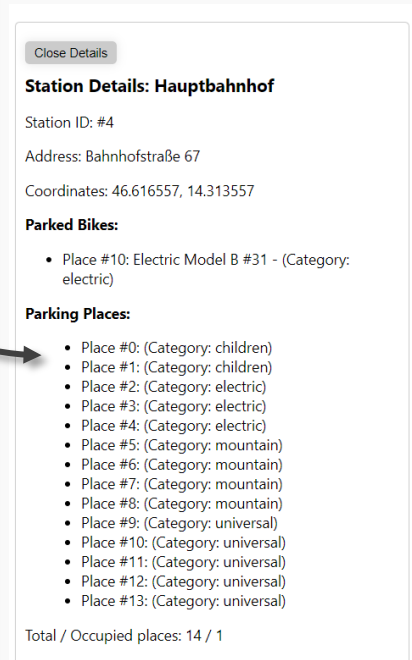


Customer View:

The customer can browse the map for bike stations and view basic information at a glance.

By clicking on the 'View Details' button the full detailed view of the station open.

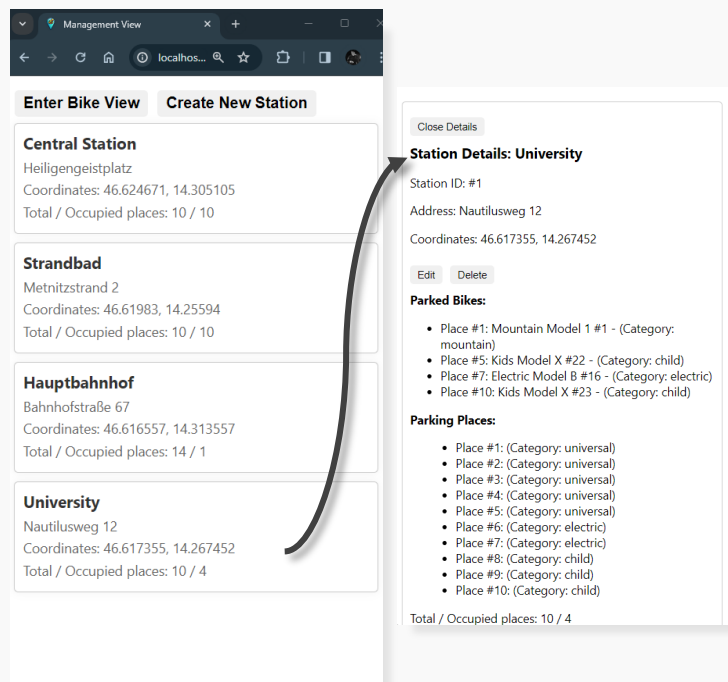
The customer can also leave a review here.



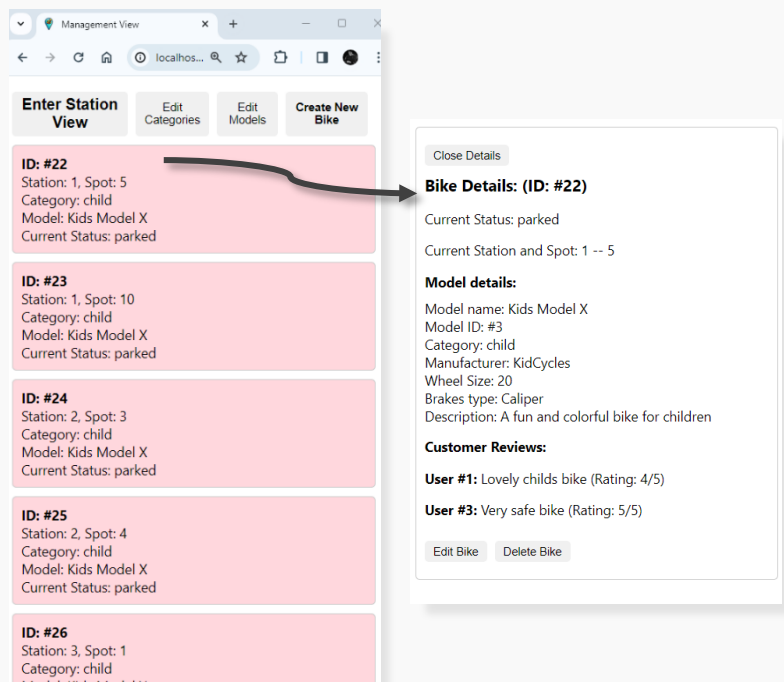
Management View:

On the management view there are 2 types of views. One of them is the station view and the other is the bike view.

In the station view the administrator can view the list of stations and click on them to view a detailed page about the specific station. The station data can be deleted or modified from here and the UI will always reflect the current state of the database.

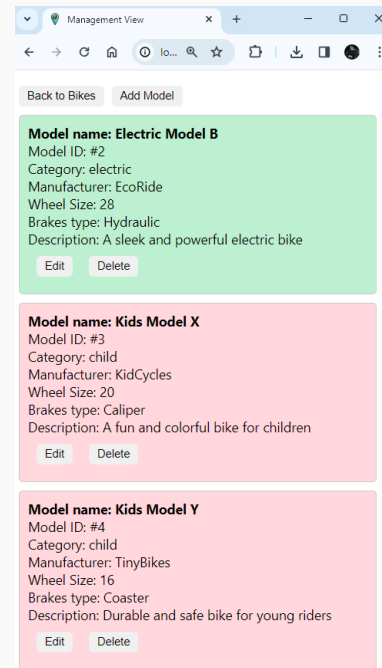
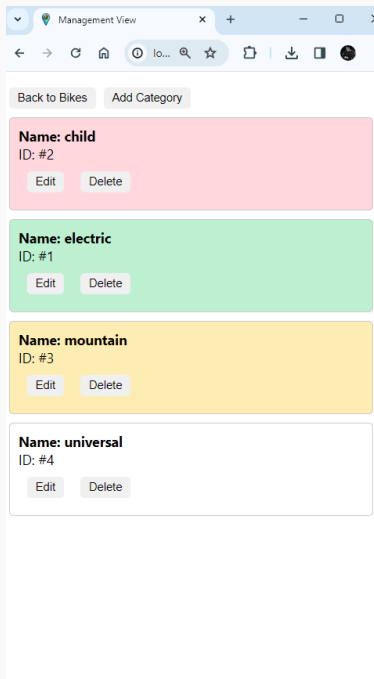


In the bike view, all the individual actual bikes can be seen in a list. A new bike can be created by clicking on the "Create New Bike" button. The background colour of the cards indicates the category of the bike. Clicking on a bike brings up the detailed view, where all the details about the specific bike are visible. You can also make changes to the bike here for example editing the current status (wild, parked, booked, rented) and you can also move the bike to a specific station and parking spot. The system will only allow moving the bike to a free spot and the bike's category should match the parking spot's category.



The properties of the bike models can be edited from the model editing view where you can also add a new bike model.

Bike categories can also be added, deleted and edited.



The application was implemented in Node.js (as the backend) and Angular (as the frontend).
The documentation for the backend can be found in a separate PDF: BackendDocumentation.pdf

Distribution of work:

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Frontend: Levente Szabó