Smart-Clean Corfu

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Programming languages and software used to build the web app

Back-end

- Django (Python web framework) [1]
- Python [2]
- MySQL [3]
- API [4]

Front-end

- HTML [5]
- CSS [6]
- Javascript [7]
- Google Maps [8]

Description

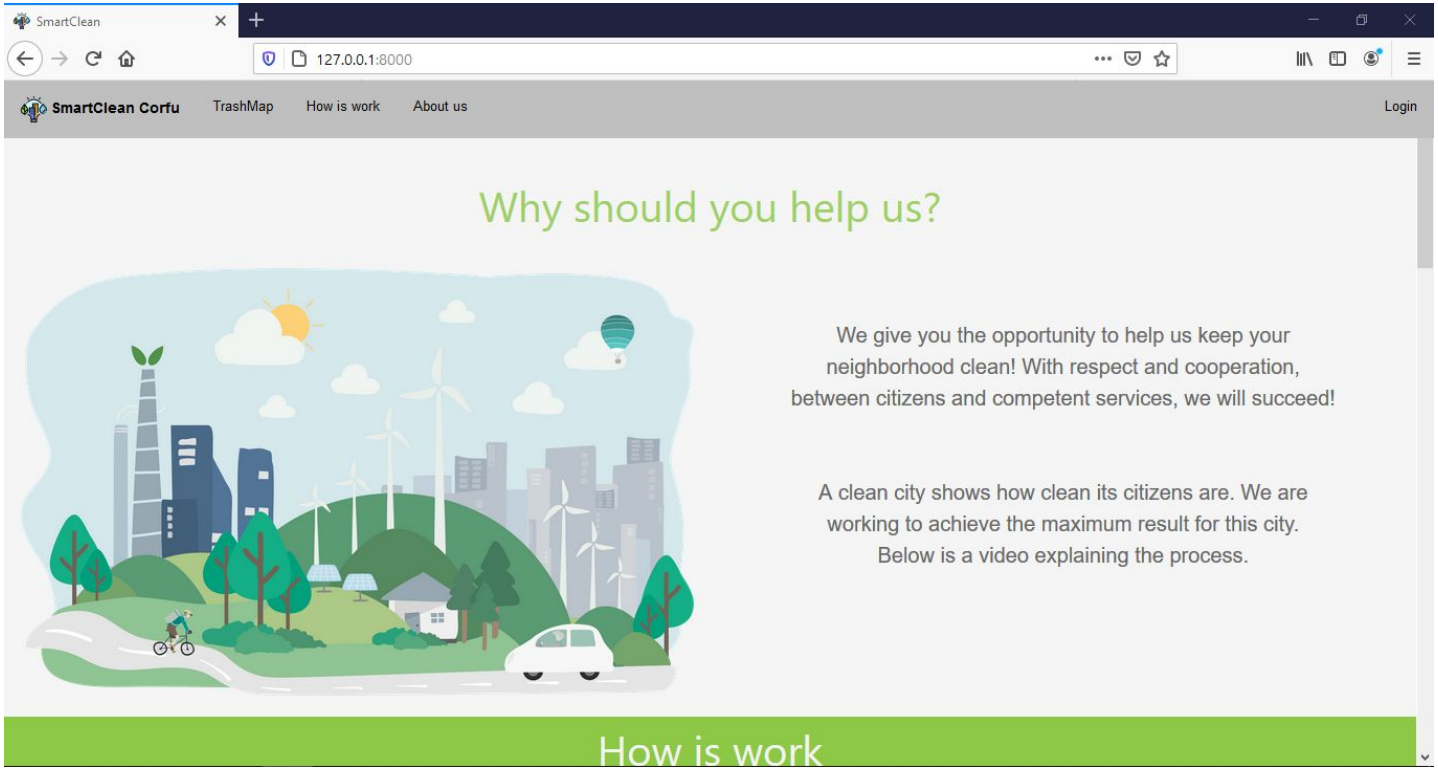
This web application was created for the purpose of the dissertation. The theme of the Web App is the smart cleanliness of the city.

The application is divided into two parts:

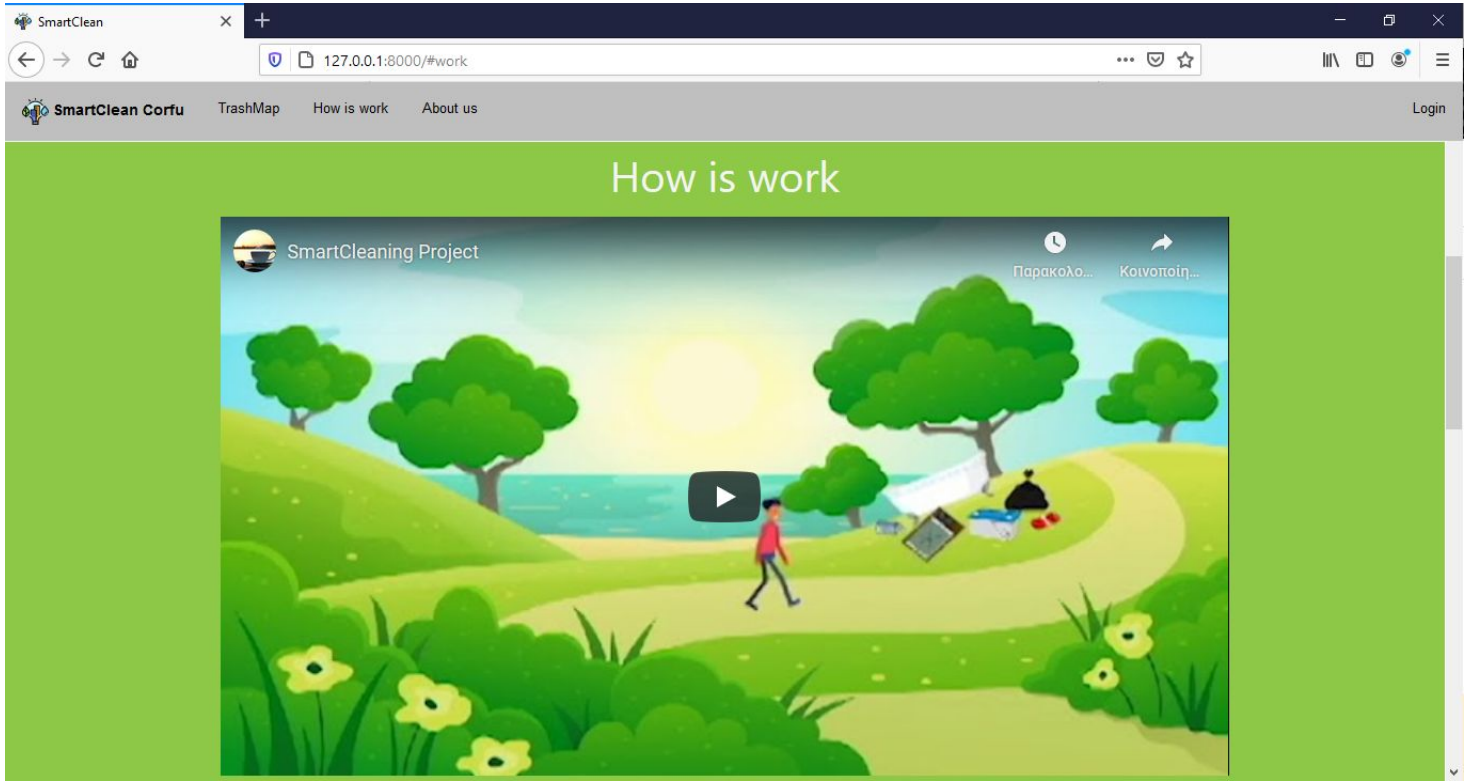
The **first part** are the citizens (Users) of the city where they will report the full bins and the neglected garbage.

The **second part** is the Cleaning Services (SuperUsers) of the city where they will view the reports and they will clean the city smartly and quickly.

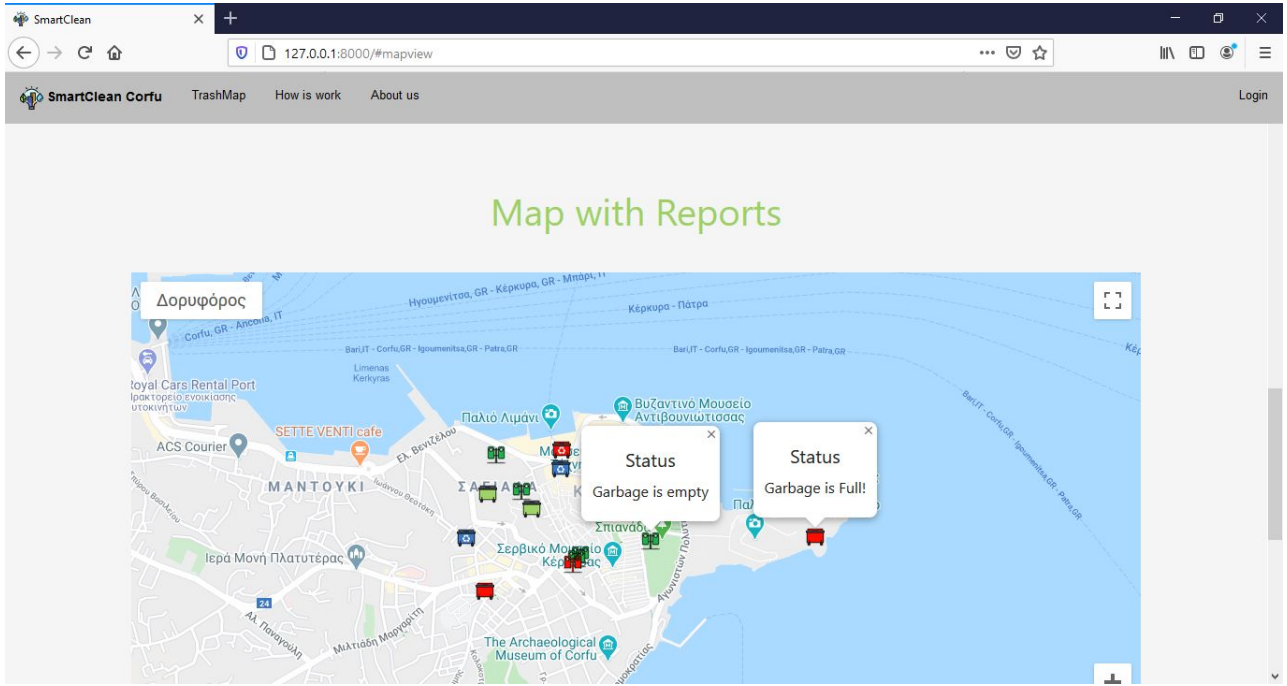
User Interface - Homepage



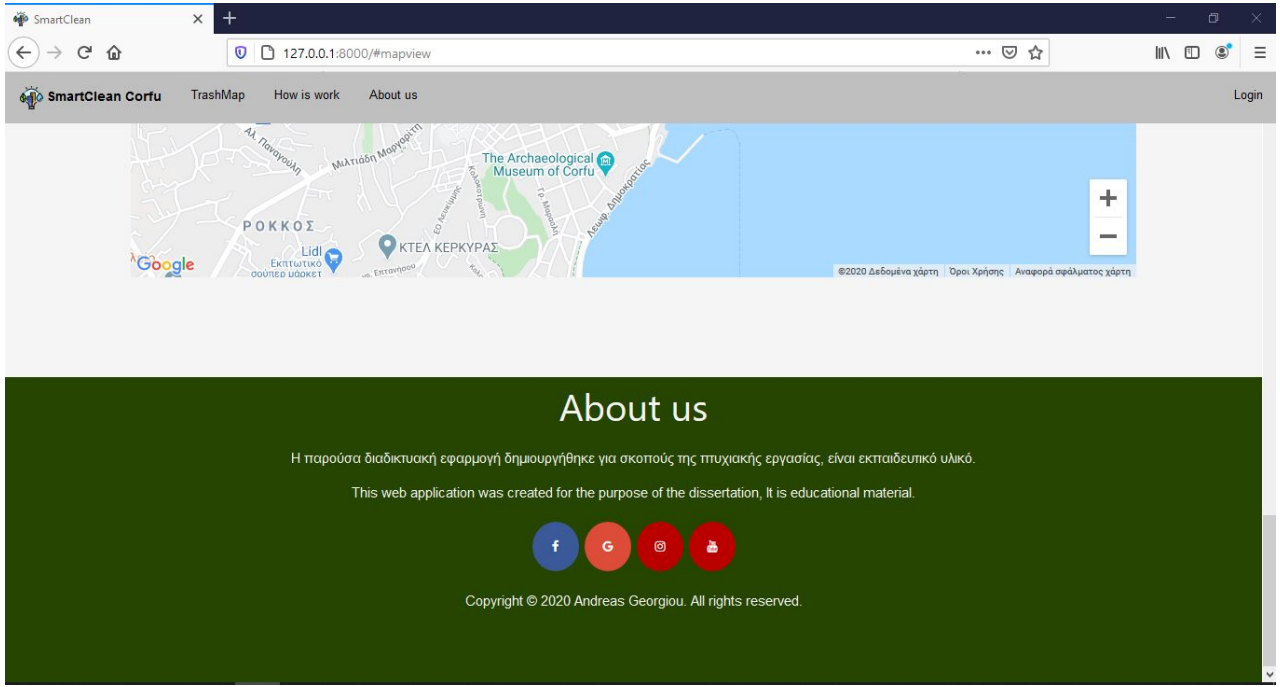
User Interface - Homepage (2)



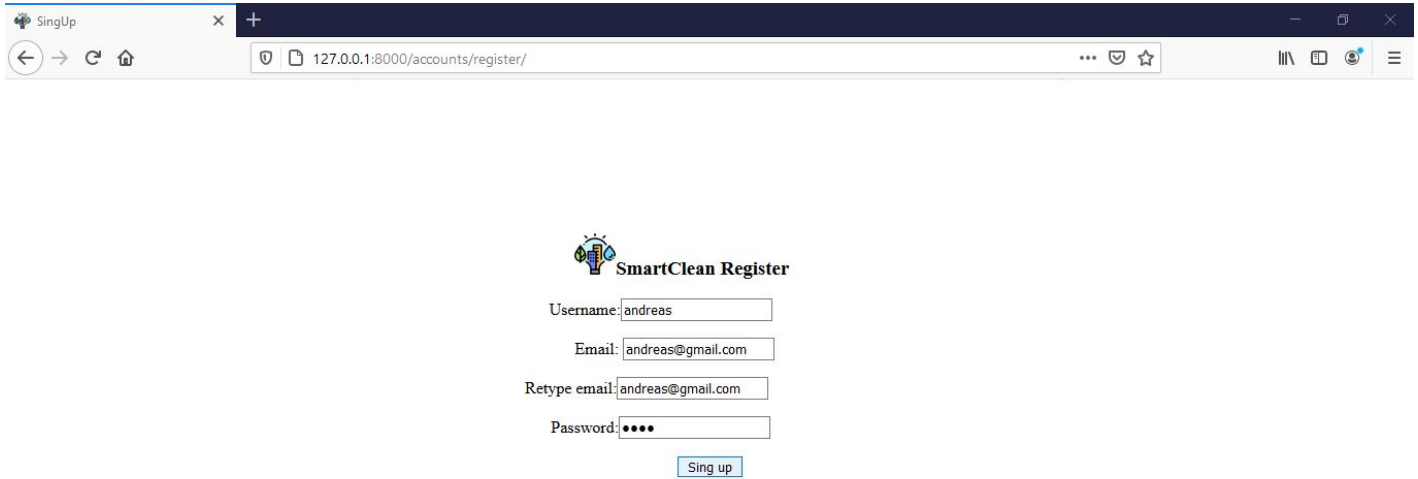
User Interface - Homepage (3)



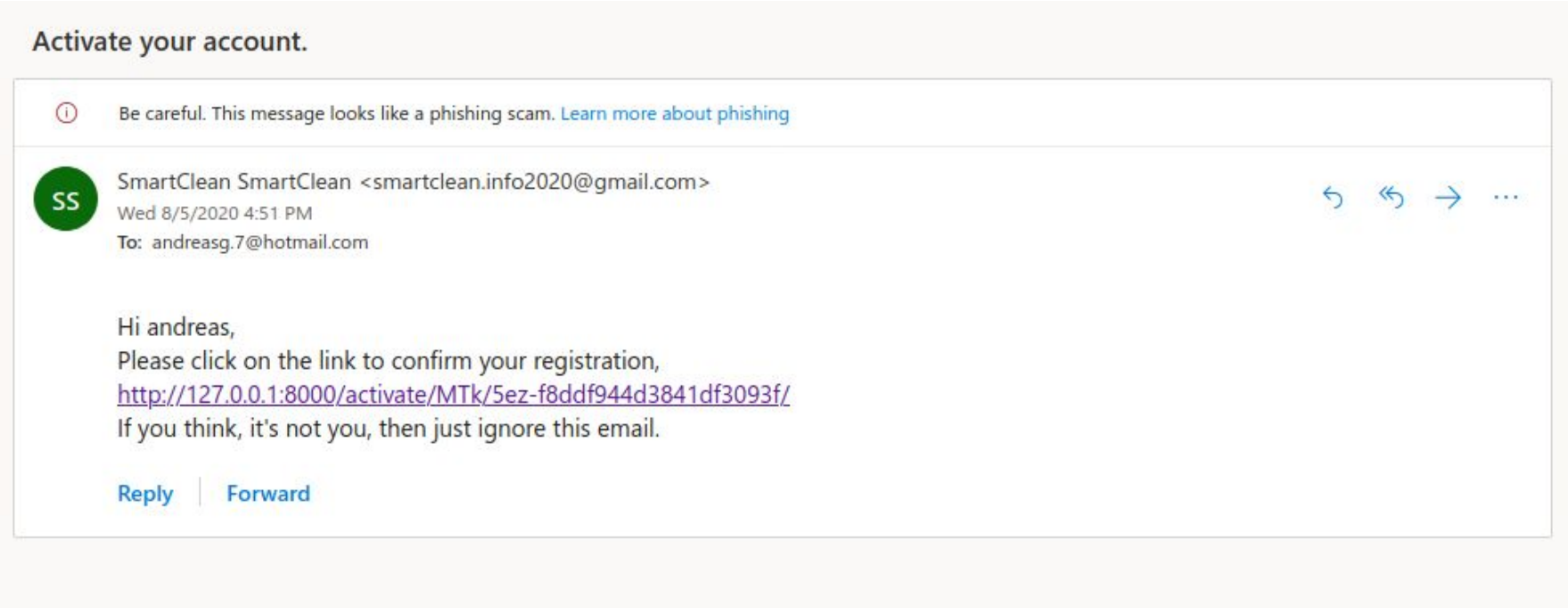
User Interface - Homepage (4)



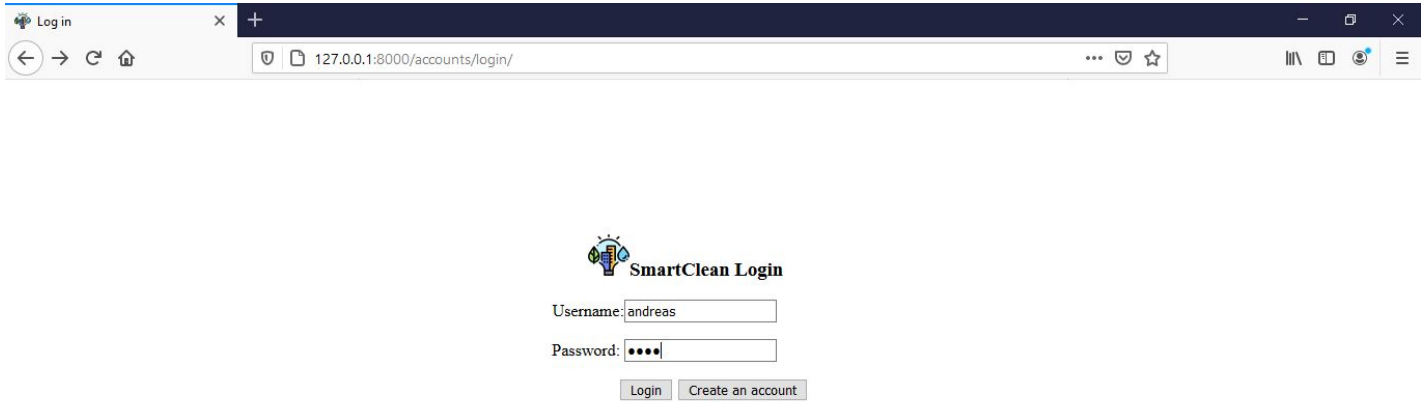
Make an account



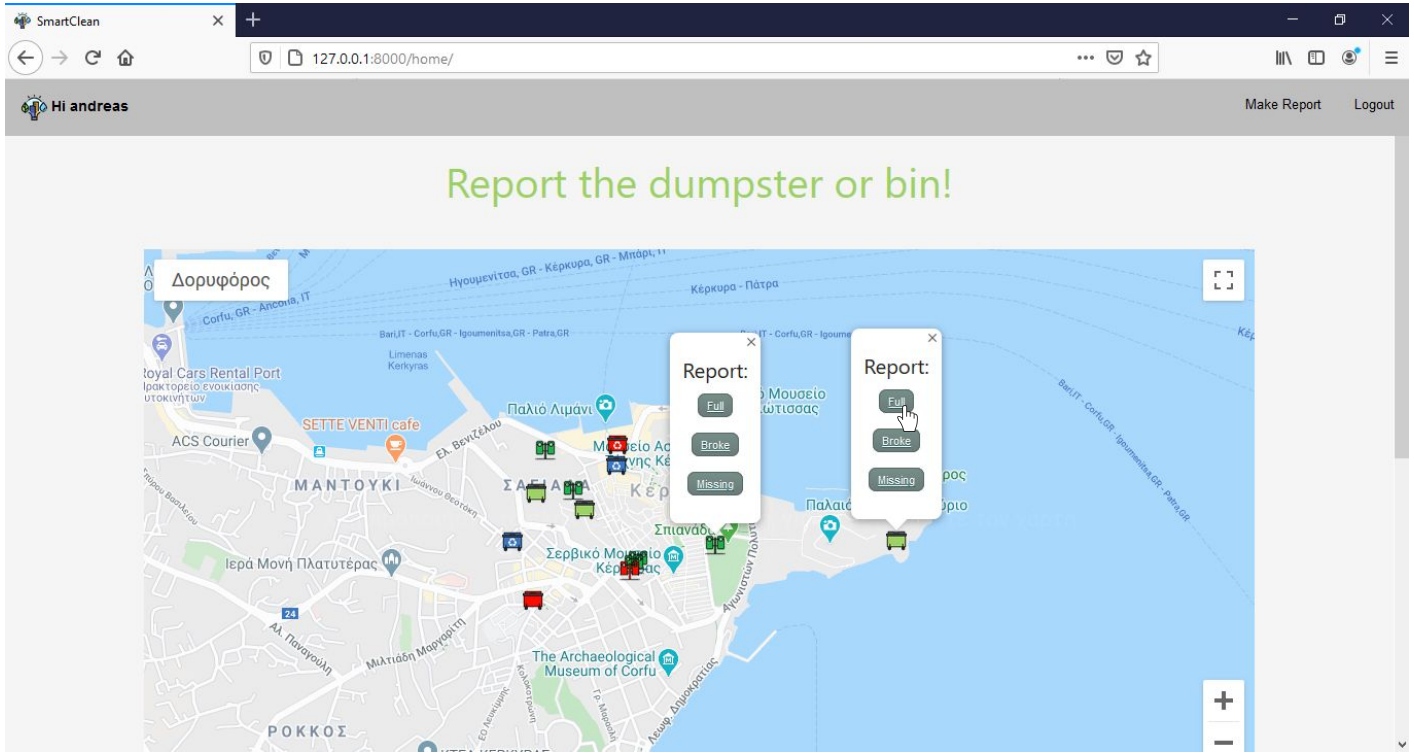
Verify new account by email



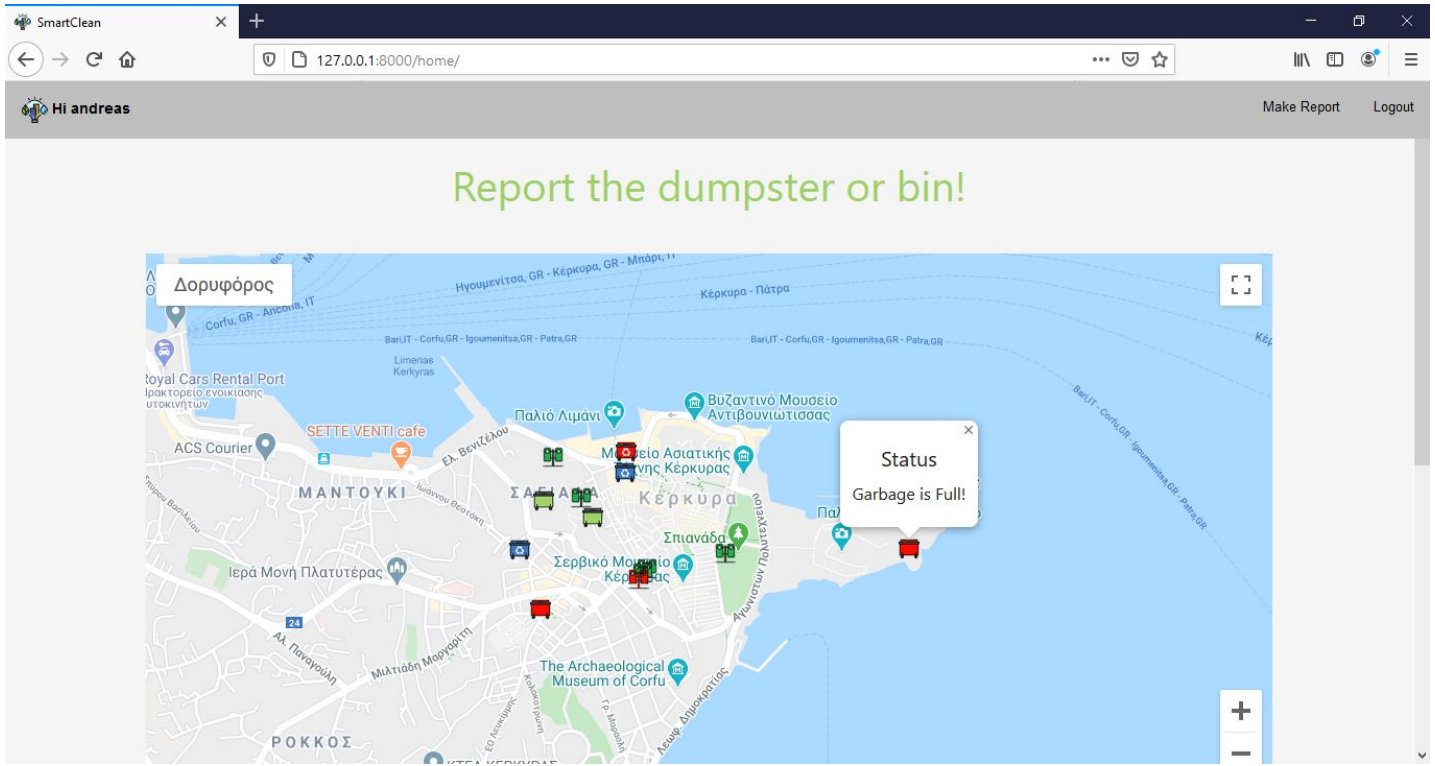
Login


Log in
127.0.0.1:8000/accounts/login/
SmartClean Login
Username: andreas
Password:
Login
Create an account

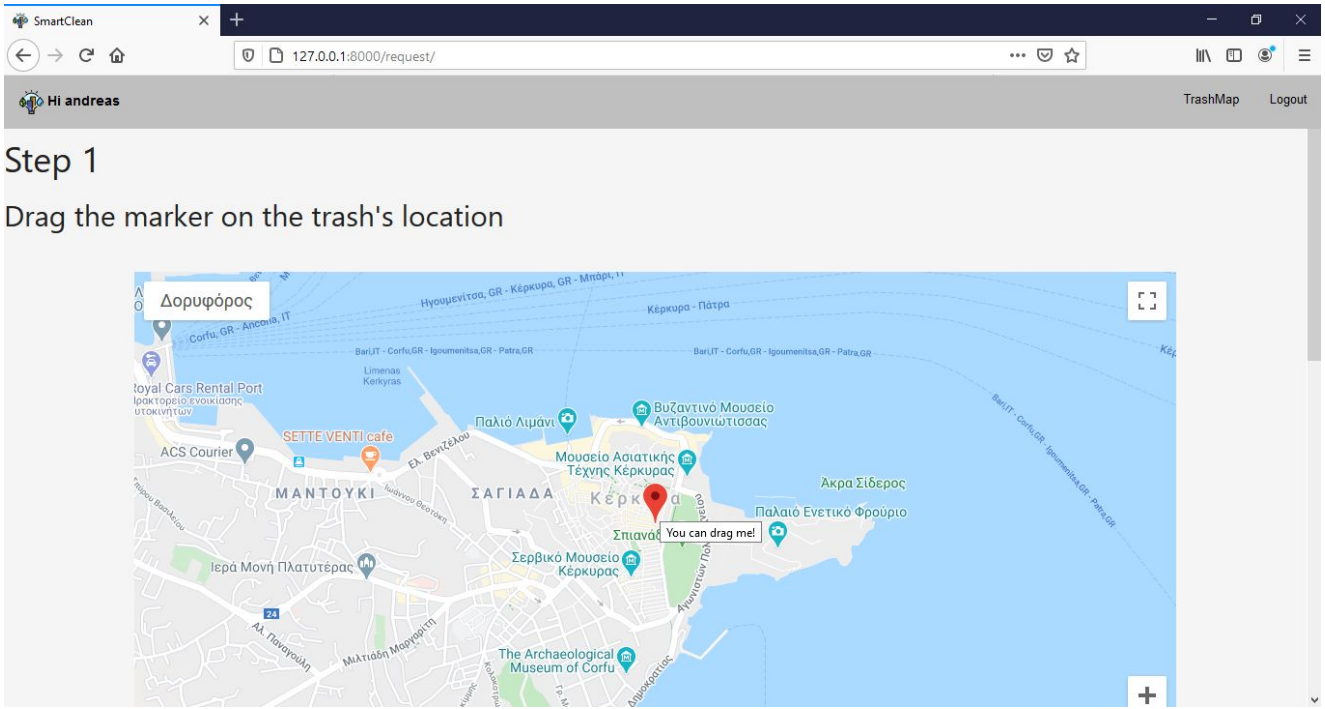
User has three choices (Full, Broke, Missing)



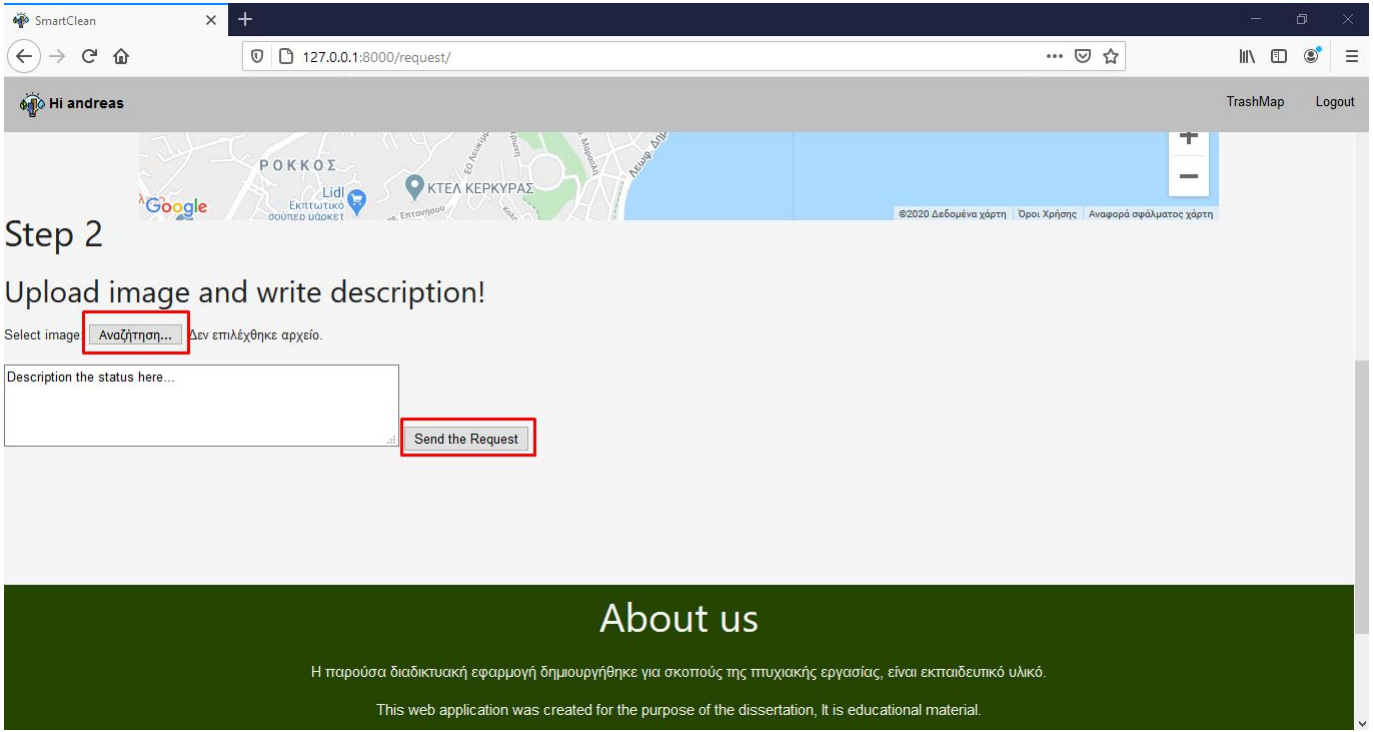
After Report



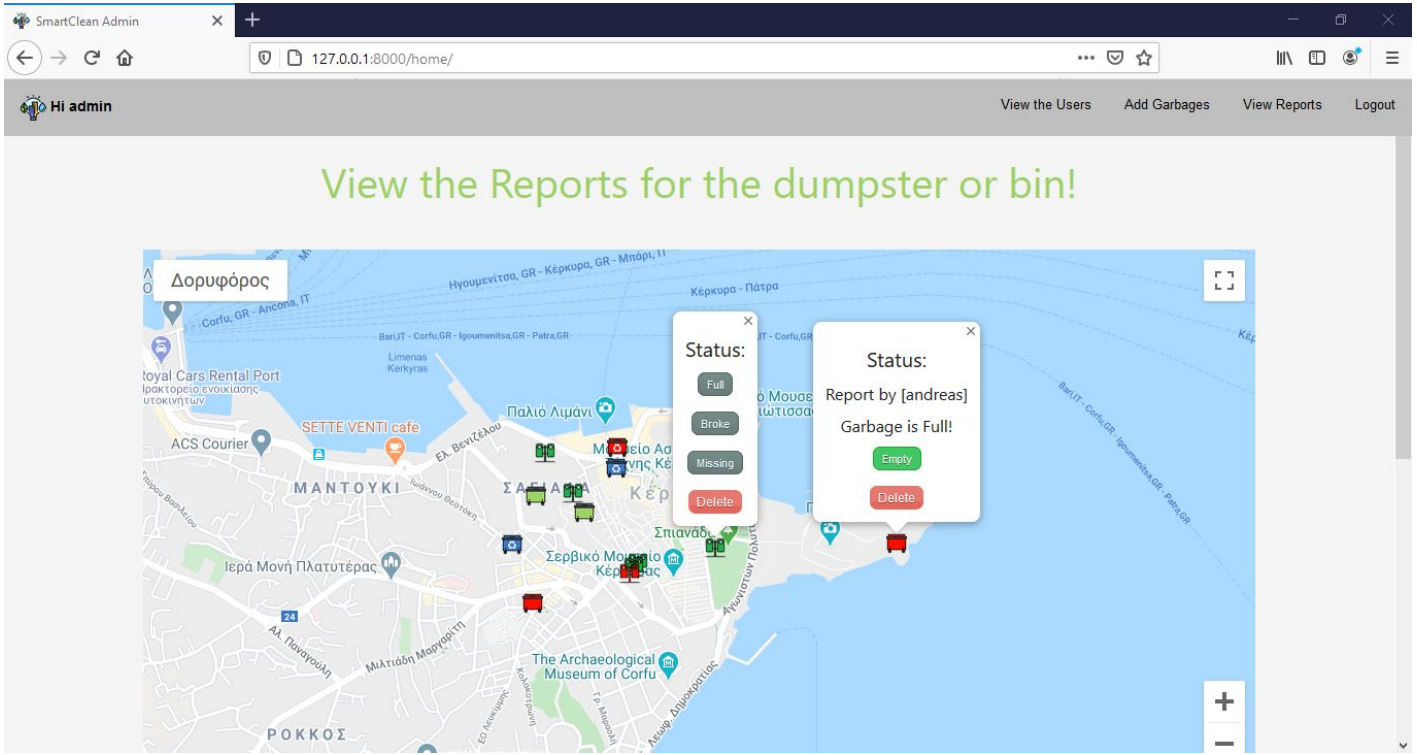
User Reports the neglected garbage (1)



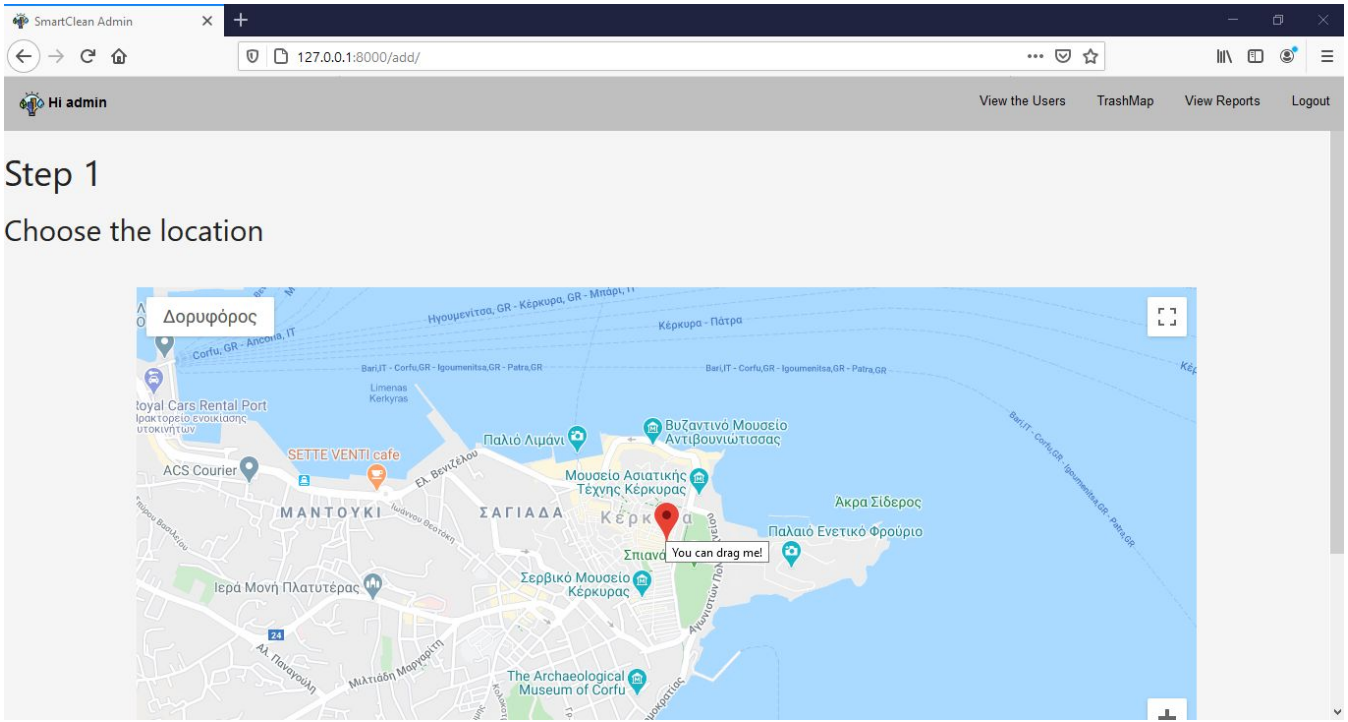
User Reports the neglected garbage (2)



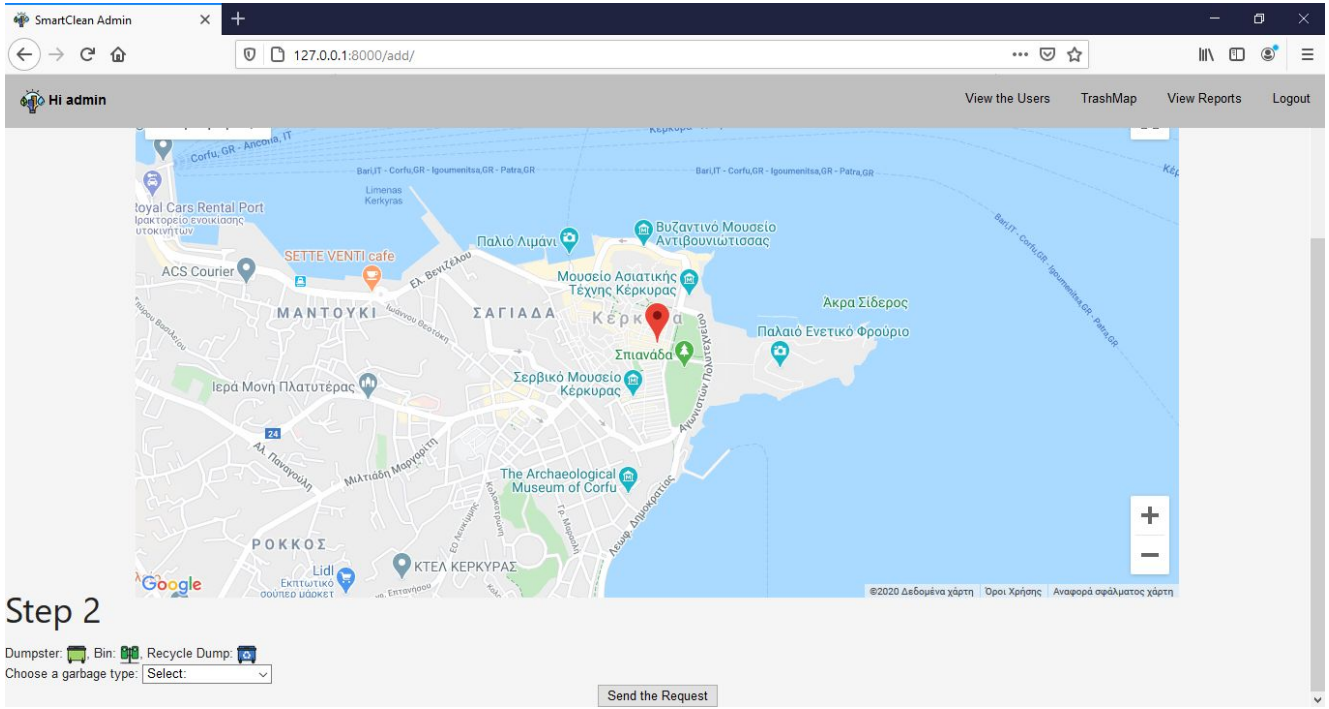
SuperUser page - view the bins reports



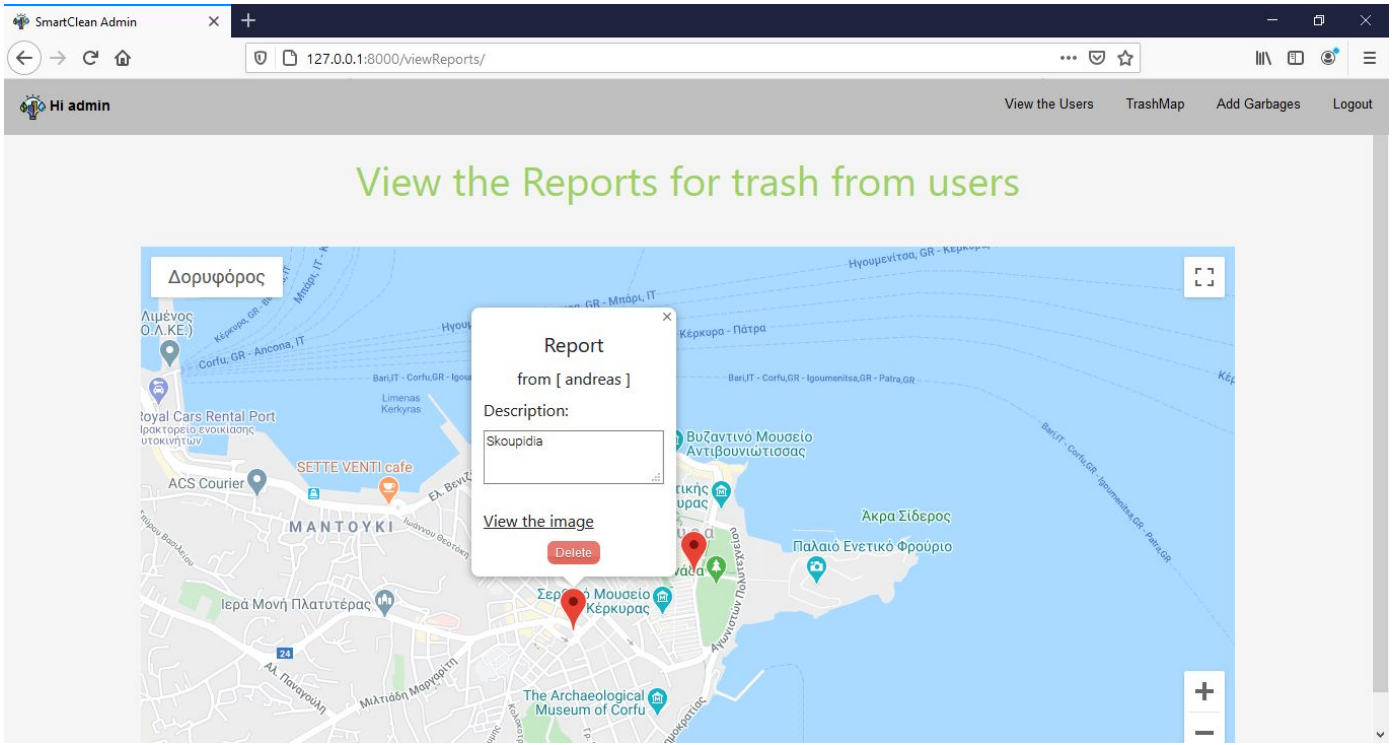
SuperUser page - Add bins on map (1)



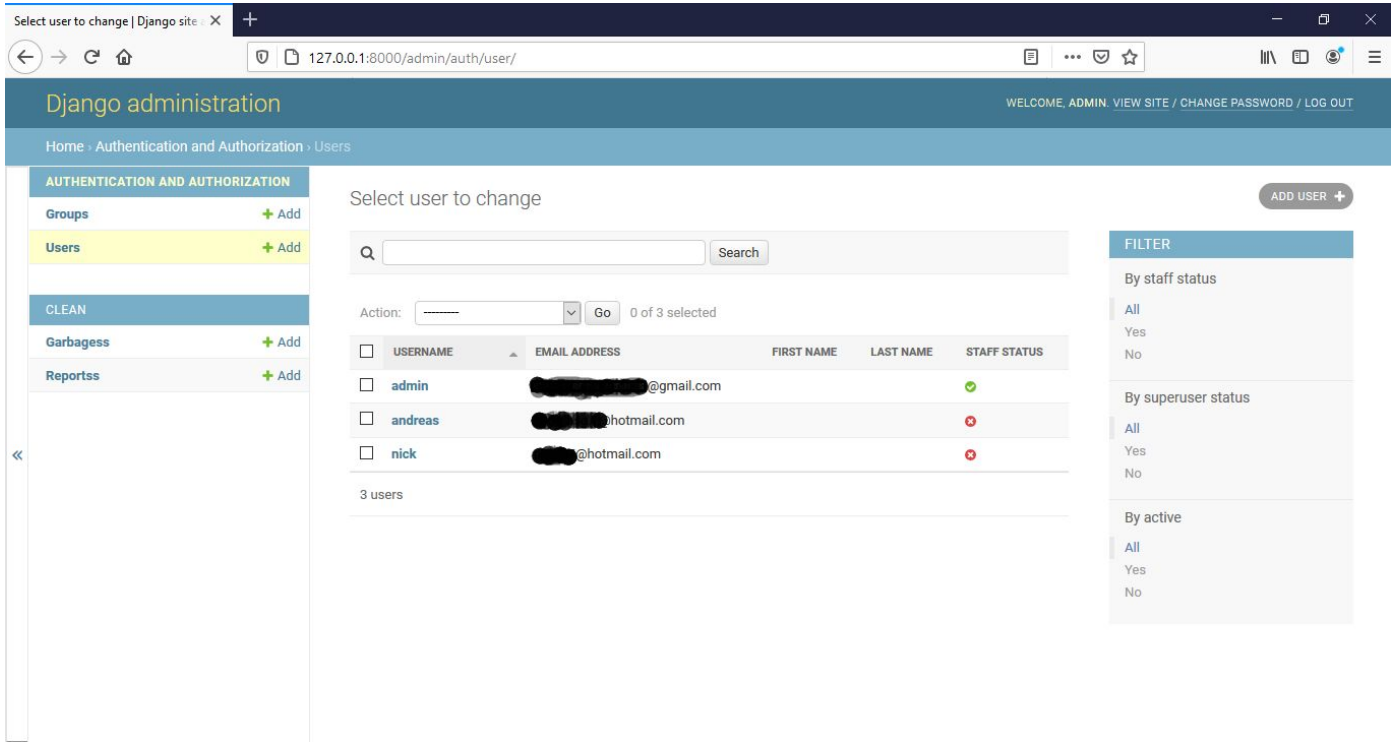
SuperUser page - Add bins on map (2)



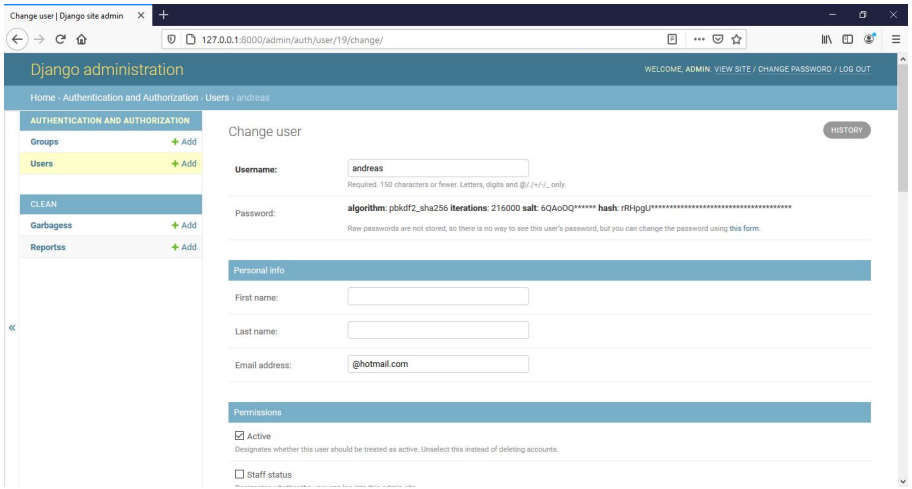
SuperUser page - View the Reports

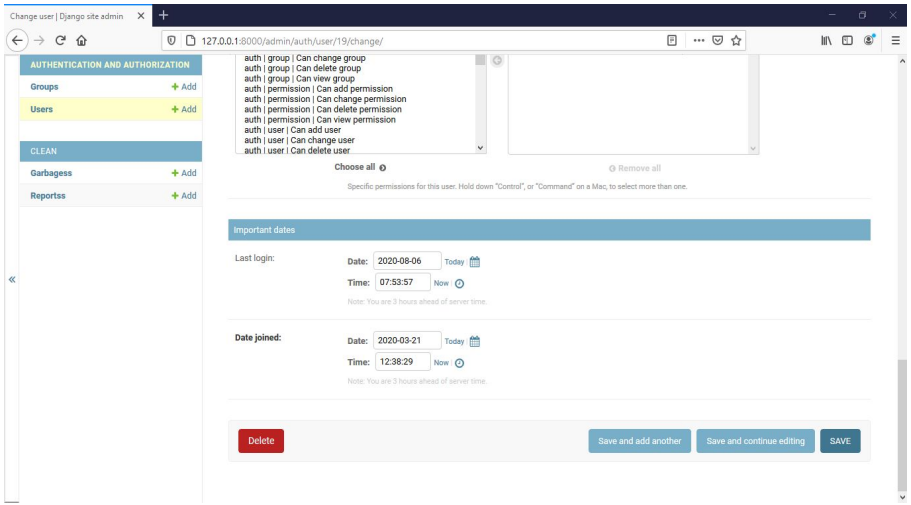


SuperUser page - View the User's Accounts (1)



SuperUser page - View the User's Accounts (2)





Bibliography - Networking

[1] https://www.djangoproject.com/

[2] https://www.python.org/

[3] https://www.mysql.com/

[4] https://www.django-rest-framework.org/

[5] https://www.w3schools.com/html/

[6] https://www.w3schools.com/css/

[7] https://www.w3schools.com/js/

[8] https://developers.google.com/maps/documentation