User Manual GRYBB Team 4

Our web application has several features:

Login : After the web application has started, the user is directed to a login page where the user can input his or her username and password. If the credentials match with the existing database storing the credentials of all the users, the user is redirected to the home page. If the user does not have an account, he or she can create one by registering. Example of an already registered account :
Username: Damon
Password: BullDown

Register a new account : The user is asked to input a new username and password which then can be used to login to the website successfully. The Username only allows A-Z, a-z,0-9.

After the user is logged in, the user is able to see the home page where the map is displayed together with the trees. By selecting a tree, information about it is displayed, such as: water level, species, location, etc. The trees are represented based on the traffic light system of red being the tree with low water level, yellow with average water level and green with high water levels

Changing water level on map: After a user clicks on a tree, there will be a button called "change water level". Users can click it, and get a modal with a range slider. Move the slider to change the water level.

Filtering of the trees: The user can filter the trees based on their requirements. The user can filter based on the city , water level and species. Only the selected trees shall be displayed on the map after the "filter" button is clicked.

View Data: The user can view the database by clicking on the "view data" where trees can be removed or have their attributes edited. The edit is also reflected immediately on the map which can be accessed on the homepage.

Routing: The routing option on the top right corner has to be clicked. This will make some routing options available on the left hand side of the page. The user can click on the "All trees for Route!" button to get the route for all trees. If the user clicks on"Select Trees For Route!", he/she can select trees that he/she wants to water on the map and click on "Route your Select Tree" to get the best possible route from that tree to the other.

Contact: On the Contact page, the user can find the contact details of the Product Owner.

About Us: On the about us page, the user can find general information about the company GRYBB which owns the web application.

If you have any questions regarding the usage of the web application or want to report bugs in the website or give feedback, feel free to reach out to GRYBB-team 4 at the University of Twente.

Testing With Selenium IDE extension on file GRYBB.side: when running the 3 tests, you should first of all, change the speed of Test execution speed between fast and slow otherwise, it doesn't work. Second, Only when running the Test 'login' first, you can do the other 2 tests, otherwise you are not logged in and will be redirected to the login page. Lastly, after loading the site, make the page full screen, such that it can see all the elements on the page.