**Test Planning Document**

For Individual track project S3

Logo

Description automatically generated with medium confidence

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# Testing strategies

## Unit tests

Inside the application there will be unit test. They will be executed every time something gets pushed to the repository in git by the CI. If something breaks, I will be notified.

## System tests

Cypress is a JavaScript testing framework that will be used to simulate a user testing the front-end functionalities of the web application.

# User acceptance tests

|  |  |  |  |
| --- | --- | --- | --- |
| No | Description | Input | Expected  output |
| 1 | Manger tries to log in with account given by developer. | Manger enters their username and password in the respective fields. | The manger logs in and has access to all functionalities. |
| 2 | Manger tries to create a new employee with role “Waiter”. | Manger navigates to “Manage Employees” tab and provides the needed information | The page refreshes and the new Employee appears in the table |
| 3 | Manger tries to delete an existing user from the system. | Manger navigates to the table with employees and clicks the red “trash” icon.  Afterwards the admin is asked for confirmation. | The page refreshes and the removed employee no longer appears in the table |
| 4 | Manger tries to create a product | Manger navigates to “Manage Products” tab and provides the needed information | The page refreshes and the new Product appears in the table |
| 5 | Manger tries to delete an existing user from the system. | Manger navigates to the table with products and clicks the red “trash” icon.  Afterwards the admin is asked for confirmation. | The page refreshes and the removed product no longer appears in the table |
| 6 | Employee tries to log in with their account created by the manager. | Employee enters their username and password in the respective fields. | The employee logs in and has access to limited functionalities. |
| 7 | Employee tries to open a particular order | Employee navigates to the “Manage Orders” page and selects the table they are interested in. | The employee opens the page and sees a list of tables. They select the one they need and a pop-up appears. |
| 8 | Employee tries to assign a product to a table/order | Employee opens the pop-up and finds the product they want to add to the order and click the “plus icon”. | The page refreshes and the product is added to that table. |
| 9 | Employee tries to finalize order and clear the products from the table | Employee clicks the “Checkout” button. | The page refreshes and the products that were assigned to that table get cleared. |