Week 1

Summery:

* Learned basic concepts of QA, for example what is QA, what is their job, in which parts of the production do they work in.
* Technologies for QA tester and how to use them like JIRA and Postman.
* How to write test reports.
* What are test cases and how to read and write them.

Test cases:

Title	Description	Steps	Expected outcome
Login	User enters valid username and password then presses the login button	1. User enters a valid username in the username field. 2. User enters the password in the password field. 3. User presses the login button or presses "Enter" key.	User redirected to the home page with his data in there (username on the side etc).
Forgot password	User clicks forgot password button and then asked to enter the username, then he clicks "Reset password". Then an Email is sent to his Email.	1. User clicks "Forgot password button". 2. The layout is changed to one field that requests username. 3. User enters a valid username. 4. User Enter "Reset password" button.	A message appears saying that an Email was sent. Also an Email is sent to the username's corresponding Email address.
Display profile	The user clicks on his profile name on the sidebar and then he is	1. User hovers over the sidebar with his mouse / clicks on the	User redirected to his profile page.

	redirected to his profile.	sidebar if on a touchscreen. 2. User clicks on his name.	

Defect report:

Title:

SQL injection in login page.

Description:

Able to perform SQL injection in login page.

How to reproduce:

1. Go to login page.
2. type " ' OR '1'='1' UNION SELECT * FROM students_table --" in username and a valid password in password.
3. press Login button.

Expected result:

Prevent user from logging in and displaying a message that either the username or password are incorrect.

Actual result:

The website returns the table "students_table" from database.

Risk:

Very high

Test plan: