



UNIT TESTING DOCUMENTATION

MILESTONE 2

Unit Test for Login

For Login:

- We test if the login page renders successfully
- We test if the given username from user changes the state component value in our front end
- We test if the given password from user changes the state component value in our front end
- We also test for both fields with wrong values to see if our program picks up the error.

```
PASS src/components/pages/pages_tests/loginpage.test.js (5.661s)
```

For Register:

- We test if the register page renders correctly if given the correct sessionStorage item
- We test if the phone number (one of the fields) changes according to the user input
- We test if registration works when given the correct input information
- We test if registration fails when given the wrong input information

```
PASS src/components/pages/pages_tests/registerpage.test.js (6.924s)
```

For Adding Worker:

- We test if the adding worker page renders successfully when given the admin id as sessionStorage item
- We test if the page simulate changes when given user input, the field we tested this on is name
- We test if admin can register worker properly from the addWorker page
- We test that the page rejects registration when given wrong input

```
PASS src/components/pages/pages_tests/addingWorkersPage.test.js (6.87s)
```

For Adding Worker availability:

- We test if worker availability page renders successfully
- We test if worker can add their availabilities correctly
- We test if shift page for workers render properly

```
PASS src/components/pages/pages_tests/availability.test.js (5.189s)
```

```
PASS src/components/pages/pages_tests/viewShifts.test.js
```

For Editing Shifts of worker by Admin:

- We test if chooseAvailableWorker page renders successfully
- We test if shiftAllocation page renders successfully
- We test if editing shifts of worker display properly in worker's shift page

PASS src/components/pages/pages_tests/shiftAllocation.test.js

Conclusion

In Conclusion, all the test passes which signifies that each component works as intended, after manual testing, the website also proves to work as we have expected it to work. The front end team has tested all functionalities that were specified in both sprint 1 and sprint 2 and the outcome is as expected.