

The three features that will be tested are the login page, the register page, and the profile page

All of these will be tested locally in the first run just to make sure that the website runs without any issues, and that all the data is stored properly.

The login page will be tested to make sure that all users information when they register is stored properly. This will use data that is made up in a create.sql document in order to verify if a user has been registered and the data is stored in our database, that they are actually able to log into their account. There will be positive and negative tests in order to guarantee that there the login works, and that if a false password is imputed, the user is not logged in

The register page will be tested in order to confirm that when someone registered, their data is stored. There will be positive and negative test cases, to ensure that once a user registers, they can not register again with the same credentials. This will be done by having some data stored, and trying to register as users that are and are not stored depending on if there is supposed to be a positive or negative result.

The profile page has a lot of components that have to be tested. The first will be to make sure that the following and followers data is correct. The test data will be fake users that have certain data uploaded, and made sure that the data returned is the actual amount of followers of following that they have. The following and followers can also be tested to make sure that the right users are being stored, this again can be done with false data that ensures the right information is being stored in the database.

Another components of the profile page that can be tested is the amount of likes and dislikes on a specific song. This can be done by creating false information on the specific song and making sure that the likes and dislikes are correct.