**MANUAL TESTING (ASSESSMENT)**

**TASK**

URL : <https://testffc.nimapinfotech.com/>

Please go through the above link the questions below:

1. write down test cases for the below-mentioned modules (Testing Template)

2. write down validation for each field

3. write down bugs if found:

Modules:

1) Sign Up

2) forgot Password

3) Sign with OTP

4) Login

**ASSESSMENT ANSWERS**

1) **Test Cases for Modules**

1. **Module 1 : Sign Up**

* Test Case ID : TC\_SignUp\_01
* Description : Verify successful sign up with valid details.
* Pre-condition : User is on the sign-up page.
* Test Steps :
* Enter valid username, email, password, and confirm password.
* Click on the sign-up button.
* Expected Result : User should be successfully registered and redirected to the login page.
* Test Case ID : TC\_SignUp\_02
* Description : Verify error message for mismatched passwords.
* Pre-condition : User is on the sign-up page.
* Test Steps :
* Enter valid username, email, password.
* Confirm password with a different value.
* Click on the sign-up button.
* Expected Result: User should see an error message indicating that passwords do not match.
* Test Case ID : TC\_SignUp\_03
* Description : Verify error message for existing username/email.
* Pre-condition : User is on the sign-up page.
* Test Steps :
* Enter username/email that already exists in the system.
* Enter valid password and confirm password.
* Click on the sign-up button.
* Expected Result : User should see an error message indicating that the username/email already exists.

1. **Module 2 : Forgot Password**

* Test Case ID : TC\_ForgotPassword\_01
* Description : Verify successful password reset request.
* Pre-condition : User is on the login page.
* Test Steps :
* Click on the "Forgot Password" link.
* Enter valid email address.
* Click on the reset password button.
* Expected Result: User should receive an email with instructions to reset the password.
* Test Case ID : TC\_ForgotPassword\_02
* Description : Verify error message for invalid email address.
* Pre-condition : User is on the login page.
* Test Steps :
* Click on the "Forgot Password" link.
* Enter invalid email address.
* Click on the reset password button.
* Expected Result : User should see an error message indicating that the email address is not registered.

1. **Module 3 : Sign Up with OTP**

* Test Case ID : TC\_SignUpOTP\_01
* Description : Verify successful sign up with OTP validation.
* Pre-condition : User is on the sign-up page.
* Test Steps :
* Enter valid username, email, and request OTP.
* Enter OTP received on email.
* Enter valid password and confirm password.
* Click on the sign-up button.
* Expected Result : User should be successfully registered and redirected to the login page.
* Test Case ID : TC\_SignUpOTP\_02
* Description : Verify error message for invalid OTP.
* Pre-condition : User is on the sign-up page.
* Test Steps :
* Enter valid username, email, and request OTP.
* Enter incorrect OTP.
* Enter valid password and confirm password.
* Click on the sign-up button.
* Expected Result : User should see an error message indicating that the OTP entered is invalid.

1. **Module 4 : Login**

* Test Case ID : TC\_Login\_01
* Description : Verify successful login with valid credentials.
* Pre-condition : User is on the login page.
* Test Steps :
* Enter valid username and password.
* Click on the login button.
* Expected Result : User should be redirected to the dashboard.
* Test Case ID : TC\_Login\_02
* Description : Verify login with invalid credentials.
* Pre-condition : User is on the login page.
* Test Steps :
* Enter invalid username and/or password.
* Click on the login button.
* Expected Result : User should see an error message indicating invalid credentials.
* Test Case ID : TC\_Login\_03
* Description : Verify error message for empty username.
* Pre-condition : User is on the login page.
* Test Steps :
* Leave the username field empty.
* Enter valid password.
* Click on the login button.
* Expected Result : User should see an error message indicating that the username is required.
* Test Case ID : TC\_Login\_04
* Description : Verify error message for empty password.
* Pre-condition : User is on the login page.
* Test Steps :
* Enter valid username.
* Leave the password field empty.
* Click on the login button.
* Expected Result : User should see an error message indicating that the password is required.

**2) Validations for each field**

1. **Module 1 : Sign Up**

* Username Field :
* Should accept alphanumeric characters and underscores.
* Should not accept special characters.
* Minimum length requirement (e.g., at least 6 characters).
* Maximum length limit (if any).
* Email Field :
* Should accept valid email formats (e.g., [user@example.com](mailto:user@example.com)).
* Should not accept invalid email formats (e.g., missing @ or domain).
* Should not accept empty values.
* Password Field :
* Should accept a combination of uppercase and lowercase letters, numbers, and special characters.
* Minimum length requirement (e.g., at least 8 characters).
* Should have password strength requirements (e.g., must include at least one digit and one special character).
* Confirm Password Field :
* Should match the password entered in the Password field.
* Should not accept empty values.

1. **Module 2 : Forgot Password**

* Email Field :
* Should accept valid email formats (e.g., [user@example.com](mailto:user@example.com)).
* Should not accept invalid email formats (e.g., missing @ or domain).
* Should not accept empty values.

1. **Module 3 : Sign Up with OTP**

* Username Field :
* Same as Sign Up module validations.
* Email Field :
* Same as Sign Up module validations.
* OTP Field :
* Should accept numeric characters only.
* Should match the OTP sent to the user's email or mobile number.
* Should not accept empty values.
* Password Field :
* Same as Sign Up module validations.
* Confirm Password Field :
* Same as Sign Up module validations.

1. **Module 4 : Login**

* Username Field :
* Should accept alphanumeric characters and underscores.
* Should not accept special characters.
* Should not accept empty values.
* Password Field :
* Should accept a combination of uppercase and lowercase letters, numbers, and special characters.
* Minimum length requirement (e.g., at least 8 characters).
* Should not accept empty values.

**3) Bugs finding in website –**

While navigating through the software, I did not encounter any bugs.