Test 1 : Student or Admin choosing

Purpose : Check if application is navigated to the appropriate login page when the corresponding user (student or admin) is clicked.

Setup: Web based application and backend database is loaded

Action: Click on Student or Admin

Expected result:

- Navigated to corresponding login page

Teardown:

- none

Test 2 : Student Login

Purpose : Check if application logs in the student with the correct username and password

Setup: Web based application and backend database is loaded. Navigated to student login page

Action: Enter username and password

Expected result:

- login student and navigate to the student's particular dashboard

Teardown:

- none

Test 3 : Admin Login

Purpose : Check if application logs in the admin with the correct username and password

Setup: Web based application and backend database is loaded. Navigated to admin login page

Action: Enter admin username and password

Expected result:

- login admin and navigate to the admin dashboard

Teardown:

- none

Test 4 : Student ID matches with login details

Purpose : Check if when student is logged in with the correct username and password, the correct corresponding student ID is displayed on the dashboard

Setup: Web based application and backend database is loaded. Navigated to student login page

Action: Enter username and password, click login

Expected result:

- login student and navigate to the student's particular dashboard with the correct Student ID

Teardown:

- none

Test 5 : Student Login Error

Purpose : Check if application logs in the student with the wrong username or password

Setup: Web based application and backend database is loaded. Navigated to student login page

Action: Enter wrong username or password

Expected result:

- error message appears and login not permitted

Teardown:

- none

Test 6 : Admin Login Error

Purpose : Check if application logs in the admin with the wrong username or password

Setup: Web based application and backend database is loaded. Navigated to admin login page

Action: Enter wrong admin username and password

Expected result:

- error message appears and login not permitted

Teardown:

- none

Test 7 : Navigation to the "Application" page

Purpose : Navigation test: when clicked on "Applications" it should take the student to the page with the collection of all the applications he/she submitted.

Setup: Web based application and backend database is loaded. Navigated to student login page, Logged in and navigated to the student dashboard

Action: Click on the "Application" tab from the side navigation bar

Expected result:

- Navigated to the application page

Teardown:

- none

Test 8 : Navigation to the "Scholarships" page

Purpose : Navigation test: when clicked on "Scholarships" it should take the student to the page with the collection of all the scholarships available

Setup: Web based application and backend database is loaded. Navigated to student login page, Logged in and navigated to the student dashboard

Action: Click on the "Scholarships" tab from the side navigation bar

Expected result:

- Navigated to the scholarship page

Teardown:

- none

Test 9 : Navigation to the "Donors" page

Purpose : Navigation test: when clicked on "Donors" it should take the student to the page with the collection of all the donors.

Setup: Web based application and backend database is loaded. Navigated to student login page, Logged in and navigated to the student dashboard

Action: Click on the "Donors" tab from the side navigation bar

Expected result:

- Navigated to the application page

Teardown:

- none

Test 10 : Applying for scholarship

Purpose : Check when a student applies for a scholarship, if the application is submitted.

Setup: Web based application and backend database is loaded. Navigated to student login page, Logged in and navigated to the scholarship page

Action: Click on the "Apply" button of a particular scholarship

Expected result:

- Application submitted for the particular scholarship
- Navigated to the application page
- The submission of application is shown

Teardown:

- none

Test 11 : Applying for scholarship (Undergraduate)

Purpose : Check when an undergraduate student applies for an undergraduate scholarship, if the application is submitted.

Setup: Web based application and backend database is loaded. Navigated to student login page, Logged in and navigated to the scholarship page

Action: Click on the "Apply" button of a particular undergraduate scholarship

Expected result:

- Application submitted for the particular scholarship
- Navigated to the application page
- The submission of application is shown

Teardown:

- none

Test 12 : Applying for scholarship (Graduate)

Purpose : Check when a graduate student applies for a graduate scholarship, if the application is submitted.

Setup: Web based application and backend database is loaded. Navigated to student login page, Logged in and navigated to the scholarship page

Action: Click on the "Apply" button of a particular graduate scholarship

Expected result:

- Application submitted for the particular scholarship
- Navigated to the application page
- The submission of application is shown

Teardown:

- none

Test 13 : Uploading transcript

Purpose : Check if a student can upload their transcript

Setup: Web based application and backend database is loaded. Navigated to student login page, Logged in and navigated to the scholarship page

Action:

- Click on the "Upload transcript" button of a particular undergraduate scholarship
- Choose file from your local workspace

Expected result:

- Transcript is uploaded in the student application profile

Teardown:

- none

Test 14 : Student Logout

Purpose : Check if application logs out the student when the student presses "logout"

Setup: Web based application and backend database is loaded. Student already logged in to the application

Action: Click "logout"

Expected result:

- student is logged out of the application and is navigated to the "Student or Admin" page

Teardown:

- none

Test 15 : Admin Logout

Purpose : Check if application logs out the admin when the admin presses "logout"

Setup: Web based application and backend database is loaded. Admin already logged in to the application

Action: Click "logout"

Expected result:

- Admin logged out of the application and is navigated to the "Student or Admin" page

Teardown:

- none

Test 16 : Admin application review

Purpose : Check if admin can review applications submitted

Setup: Web based application and backend database is loaded. Navigated to the admin dashboard page where all the submitted applications are listed.

Action:

- Click on the "Review" button of a particular application

Expected result:

- The student's details and the scholarship details will be displayed
- Drop down menu displayed for what decision is to made
- Uploaded transcript of student can be downloaded to be viewed

Teardown:

- none

Test 17 : Admin application decision

Purpose : Check if admin can submit a decision for an application

Setup: Web based application and backend database is loaded. Navigated to the admin dashboard page where all the submitted applications are listed.

Action:

- Click on the "Review" button of a particular application
- Click on the drop down menu to view the decision options
- Select an option from the decision drop down menu
- Click "submit"

Expected result:

- Application decision is updated
- Student can view the decision on his/her end

Teardown:

- none

Test 18 : Navigation to the "Scholarships" page

Purpose : Navigation test: when clicked on "Scholarships" it should take the admin to the page with the collection of all the scholarships available and option to create new scholarships as well.

Setup: Web based application and backend database is loaded. Navigated to Admin login page, Logged in and navigated to the admin dashboard

Action: Click on the "Scholarships" tab from the side navigation bar

Expected result:

- Navigated to the scholarship page

Teardown:

- none

Test 19 : Admin creating new scholarship

Purpose : Check if admin can create new scholarships

Setup: Web based application and backend database is loaded. Navigated to the admin dashboard page

where all the submitted applications are listed. Navigated to the scholarships page

Action:

- Click on the "Create new" button
- Fill in the scholarship details
- Click "create"

Expected result:

- New scholarship form is displayed
- New scholarship is created and displayed in the "Scholarships" page both in the admin end and student end

Teardown:

- none

Test 20 : Navigation to the "Statistics" page

Purpose : Navigation test: when clicked on "Statistics" it should take the admin to the page containing statistical information of scholarship system

Setup: Web based application and backend database is loaded. Navigated to Admin login page, Logged in and navigated to the admin dashboard

Action: Click on the "Statistics" tab from the side navigation bar

Expected result:

- Navigated to the Statistics page

Teardown:

- none