Testing Procedure:

1. **Development Phase Testing**

* **Type: Sprint specific test cases - test cases only for the functions coded in that specific sprint**
* **Environment - Conducted in a local environment**
* **Schedule - Conducted in every sprint**

-Quality Assurance constructs all the test cases required in that current sprint

-Developers conduct their own initial testing for their functions developed

1. **Initial Stage Testing**

* **Type: Sprint specific test cases: Test cases only for the functions coded in that specific sprint**
* **Environment: Conducted in a local environment (localhost)**
* **Schedule: Conducted in every sprint**

-Quality Assurance conducts testing against the test cases based on the personas created. All the results are records in the Test Cases file and Regression Testing File. All the bugs found are being recorded in the Bug Log.

-Individual developers refer to the Bug Log and debug the functions based on the entries being found

-Quality Assurance ensures that all the bugs recorded in the Bug Log are being resolved

1. **Staging Server Deployment Testing**

* **Type: Regression Testing**
* **Environment: Conducted on the AWS Server**
* **Schedule: Conducted in every sprint**

-With the bugs in the initial stage of testing being resolved, the application is being pushed into the staging server

-Quality Assurance conducts Regression Testing for all the existing test cases and all the bugs are being recorded in the Bug Log

-Individual developers refer to the Bug Log and debug the functions based on the entries being found

-Quality Assurance ensures that all the bugs recorded in the Bug Log are being resolved

1. **Live Deployment Testing**

* **Type: Regression Testing**
* **Environment: AWH’s Server**
* **Schedule: Conducted at the end**

-After which, the application is being deployed live

-Quality Assurance conducts another round of Regression Testing to ensure that no bugs are present

-Bug scores are being generated and calculated