## **Test Plan:**

The test design is an imperative part of executing the test effectively. There is different programming testing accessible for testing part. Keeping in mind the end goal to accomplish better outcome required to make an arrangement for testing.

Before beginning the test I have made some rundown of criteria that going to check in this framework. The test design is given beneath –

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| --- | --- | --- | --- |
| **Test N0.** | **Test Name** | **Specification** | **Expected Outcome** |
|  | Security Testing | SQL injection  Encrypted password  URL checking  Valid user access | Expected result is show properly all those things. |
|  | Crows Browser Testing | Google Chrome  Mozilla Firefox  Internet Explorer  Opera Browser | Will be overcome the test clearly. |
|  | Validation Testing | Login validation  Accomplish session validation  Form validation  Upload varieties validation | Testing will be completed with success. |
|  | Responsive Testing | Check smart phones view with 1920 x 1080 pixels  Check Laptop and Desktop view size  Check all tabs screen size view | Will be run on all those screen. |
|  | Performance Testing | In this section system performance will be implemented by checking its performance. | Acquire a good result. |
|  | Functionality Testing | Login test  Authenticate Dashboard  Check post idea and view it Check Student Profile view  View all the reports | All functions will be ran properly. |
|  | Compatibility Testing | Tried server OS platforms for testing | Will be a good report. |
|  | Usability Testing | Search bar check  Notification bar check  Check images, font type and size  Check instruction of all pages. | Will work all those things |
|  | Database Testing | Data insertion  Data Update and Delete  Password encrypted | Functions will work. |
|  | Block unauthorized Testing | If the system can’t match data with user input. The system will block those user for 18 second. | Show a message for blocking the user. |
|  | SQL Injection Testing | Check for injection attack | Will be prevent form this attack |
|  | Crowd Testing | Testing for remote usability for specific target groups | Well user feedback |