**Test Plan**

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| **Test Case Number** | **Title** | **Purpose** | **Precondition to run the test case** | **List of Steps** | **Expected Results** |
|  | **Login-Fail** | To check the Login function | Open Home page | Enter wrong username or password. | Check Username and Password. |
|  | **Login-success** | To check the login function. | Enter Username and Password to logged In. | Enter correct username and password. | Successful Login and enter to view-Patient webpage. |
|  | **Logout - success** | To check the logout function. | Enter View-Patient page. | Click on Logout button. | Come back to Login Page. |
|  | **Responsiveness** | To check responsiveness of the Web App. | None | Resize the screen.  Check how it reflects while changing to Mobile -Web App | Web logo removed.  Button responsive and shrink to small size to meet user-friendly objective. |
|  | **Check server-side functions** | To check server-side functions | None | Run mocha chai-http-test.js | All the cases should pass. |
|  | **Add Patient** | To check add patient function | User should be in login.  User should be on View-Patient Page. | Click on Add Patient button on top of navigation bar.  Fill out all details including address, birth-data, doctor-related and department. | New patient should be successfully added.  It should even appear in list of View Patient. |
|  | **My Patient** | Some Patient would appear under same username whose doctor are related. | User should be in login.  Web page would be View-Patient page. | Click on my patient radio button. | It will appear all the patient whose doctor are related.  User can view the records for each patient at the same time. |
|  | **Search Patient** | User can search the patient through Ajax server by Id and department. | User should be in login. | Click on search Patient button on top of navigation bar.  Enter any Id of patient or category under which the patient is hospitalized. | It will populate all the patients under same department or id. |
|  | **View Records** | User can view, update or delete the records under each patient. | User should be in login.  User should be on View-Patient Page. | Click on records button beside the information button. | It would take on to next screen -> View-Record page.  All records with data, type, time and value will be shown under required nurse. |
|  | **Add Records** | User can add records under specific patients. | One should be on View Records page to add new record. | Click on Add button.  Fill out the details such as nurse name, data, time, type and value based upon patients file. | It should add the records under specific nurse.  All the records will be seen under each patient. |
|  | **Delete Records** | User can delete records under their approval | Main Page -> View Records web page | Click on Delete button. | It will clearly delete the record under patient’s file and also updated with the backend server. |