**Assumptions and Requirements of the project**

**Login functionality**: Authorized patients only with reference to <https://www.patientslikeme.com/> .Considering the fact that only authorized patients can login into the system “Patients network”, we have built the login functionality. Patients can login with their email id and password.

1. **Home Page:** The home page of the application has the following features.

|  |  |
| --- | --- |
| **Function** | **Description** |
| Initialize DB | All the tables are initialized and 10 tuples are inserted to each table. |
| Registration | A new patient can enroll into the system by providing his/her required details. |
| Login | The patients who already exist can login with registered email and password. |

1. **Patient’s page:** After log into the Patients Network System, the user has the following features

|  |  |
| --- | --- |
| **Function** | **Description** |
| Deactivate Account | Patient will be deleted from the system and also all the details tied up with the patient will be deleted. Only the logged user can delete himself/herself |
| Send Message | The user is able to send the message to the other users in the System. |
| Update Details | The patient details can be updated. |
| Insert/ update/delete Treatment | Display all treatments which are currently under the logged user. Add a treatment to the logged user by selecting treatment from the list or by creating new treatment. User Can update treatment name or Appear time. Delete the treatments from the list as they disappear but not from DB. The patient should add/update treatments between DOB and Current time. He/she can’t add/update a treatment multiple times at same time and also if the treatment is currently taking by him/her. |
| Insert/ update/delete symptoms | The same conditions of treatment are applied here also. |
| Insert/ update/delete conditions | The same conditions of treatment are applied here also. |

All other queries are as per the requirement. For patient ID , we have used auto increment and INT(3) , so it can have maximum 3 digits and zerofill for ID .So that the Patient ID can have exactly 3 digits .