a) Hospital@Home, this system keeps track of each disease name, disease\_id which is unique, disease description (set of symptoms related to the disease) and category to which the disease belongs to. Each disease has one or more symptoms.

b) This system also keeps track of doctors by their name, clinic name, clinic address (described by city, state and zip code), specialisation (which refers to the category of the disease), hospital(s). A doctor may or may not work in a hospital, meaning they can work in their private clinic.

d) Each user’s information is also maintained. Each user is described by a unique id, name, and email id.

e) Each user has to login using their valid credentials. The credentials are stored in the database. Each user has a unique username and password. A user can update his profile, add description about himself and also upload a profile picture.

f) All the current logged in user sessions are also stored in the database.

f) The history of the previous search is also maintained. It is described using patient’s id and the disease id (of the patient’s previous top two results of each query).