DMDD

P2

Database Design and Initial ERD

1. Business Problems being Addressed
   1. Seamless booking of appointments of different doctors for different problems.
   2. Accountability of billing of patients. Making it simple for them to choose a plan from.
   3. Direct communication with the insurance companies using the Patient ID to make sure their insurance claims are made easy.
   4. Maintaining and modifying the patient records in for keeping track of all the patient diseases.
   5. Keeping track of locations of the rooms with respect to doctors which are present in the rooms.
   6. Contact details of all the hospitals are maintained for easy access to the patients.
   7. Different departments are maintained for assigning doctors to patients with different diseases.
   8. Doctors can directly upload the report and the prescriptions to the database which can help maintain patients’ data.
   9. All the prescribed medicines are maintained using a relational database with the patient for making it easy for the chemists.