**Hospital Management System**

The Hospital Management System (HMS) core essence for the system is to register a patient info, to add/ save the Physician details, to search for Physician based on specified search criteria, Patient Diagnosis details and to View Patient History.

The following are the important modules in the system

a) Enroll Patient

b) Add Physician

c) Physician Search

d) Patient Diagnosis Details

e) View Patient History

1.1.2 Scope of the system

The scope of the system is explained through its modules as follows

o **Enroll Patient** – Hospital Administrators to register a Patient into the system. The administrator should have the details of the patient to be entered into the system.

The administrator should have the data to be feed into the system.

First Name – Represents the First Name of the Patient.

Last Name - Represents the Last Name of the Patient.

Password - Represents the Password of the Patient

Date of Birth – Represents the Date of Birth of the Patient.

Email Address – Represents the Email Address of the Patient.

Contact Number - Represents the Contact Number of the Patient.

State – Represents the State of the Patient.

Insurance Plan – Represents the Insurance Plan of the Patient.

o **Add Physician** - Hospital Administrators to save the Physician details into the system.

The Administrator adding the physician details the system.

The physician ID should be a unique id generated by the system. Physician Id is a combination of alphabets and numbers. First two characters of Physician Id should be PR followed by a three digit unique number starting from 001

Physician First Name-Represents the First Name of the Physician.

Physician Last Name-Represents the Last Name of the Physician

Department – Represents the Department of the Physician

Educational qualification – Represents the Educational qualification of the Physician.

Years of Experience- Represents the Years of Experience of the Physician

State – Represents the State of the Physician.

Insurance Plan – Represents the Insurance Plan offered by the Physician.

Register- Register option to submit the details into the system.

Reset-reset all the fields for the Physician registration screen

o **Physician Search** - Hospital Administrators to search for Physician based on specified search criteria

• State – Represents the State of Physician

• Plan – Represents the Plan of Physician

• Department – Represents the Department of Physician

• Search option to enable the search criteria.

• Reset option to reset all fields

o **Patient Diagnosis Details** - by Hospital Administrators to save the patients diagnosis details into the system.

• Patient Id – Represents the Patient Id.

• Diagnosis Id - Represents the Diagnosis Id which is system generated.

• Symptoms – Represents the Symptoms of the Patient.

• Diagnosis Provided – Represents the Diagnosis Provided for the Patient.

• Administered by - Represents the Doctor who had visited the Patient.

• Date of Diagnosis – Represents the Date of Diagnosis of the Patient.

• Follow-up Required – Represents whether the Follow-up is requiredfor the Patient.

• Date of Follow up - Represents the Date of Follow up for the Patient.

• Bill Amount - Represents the Bill Amount of the Patient.

• Card Number - Represents the Card Numberof the Patient.

• Mode of payment - Represents the Mode of payment of the Patient.

o **View Patient History** - Administrator wishes to view the patient case history details

• Patient Id - Represents the Patient Id of the Patient.

• First Name – Represents the First Name of the Patient.

• Last Name - Represents the Last Name of the Patient.