**Requirements**

1. **User Requirements**
   1. **Administrator**

Administrator adds employees to the system or removes employees from the system.Sets the working times and nights shifts of the employees. Assigns forensic cases to the corresponding medical.

* 1. **Doctor**

Doctor sees the patient appointments.Enters the patient information (complaints, symptoms, patient's illnesses, test results) to the system.Decides whether the patient is going to stay in hospital or not (The system decides the room that the patient is going to stay).Sees the appointment and the examination history of the patients. In addition, the doctor can see: his/her working times of the employees , his/her night shifts of the employees and forensic cases if there is any.

* 1. **Nurse**

Nurse can tests the patients then sees which tests are going to be done according to the doctor.The system is going to decide the final result of the test according to the results of the test phases.

In addition, the nurse can see his/her working times, night shifts and any forensic cases.

* 1. **Staff**

Sees his/her working times.

* 1. **Patient**

Patients can see their medical history, appointments, prescriptions, test results, drug requirements, allergies to drugs, and diseases through the system.

* 1. **User**

Users can Login and logout into the system.Sees a menu according to his/her user type.

1. **System Requirements**
   1. **Functional Requirements**

This system will provide solutions to the appointment confirmation and loss of time experienced by patients during the treatment process in healthcare services. We are eliminating the advisory staff.Thus, it will ensure that the treatment is completed as soon as possible.

* 1. **Non-functional Requirements**

The software should run on any operating system with JVM installed.

This system should support English characters.

Software’s language:Java.

Using programming technique: Object Oriented Programming.

System stores data session wisely.

Any user who uses the system must have login the system.

Administrators shall be able to view and modify all information in system.