Flow of events

1. Register

* **Preconditions:**

need to verify that he is a doctor by providing the system with the required documents or he just a patient.

* **Main flow**

This use case begins when a new user sign up with the system will require a username from the user

* *Primary flow*

Registration is successful

1. **Login**

* **Preconditions:**

**None**

* Main flow

**This use case** allows patient to sign into the system

* Alternate flows

**Username or password does not correct**

1. **Add Doctor**

* **Precondition**

accepted by the system, the system provides him an Id to use.

* Main flow

This use case allows the system to add a doctor to the system.

* Primary flow

the system provides him an Id to use.

1. **Remove Doctor**

* **Precondition**

the system to remove a doctor from the list doctors according to a lot of reasons

* Main flow

This use case the system to delete a doctor from the system.

1. **Creating admin panel**

* **Precondition**

None

* Main flow

**This use case** allows the doctor to create admin panel.

1. **Adding patient to admin panel**

* **Precondition**

add patient to schedule creating by admin panel.

* Main flow

This function allows the doctor to inter act with his patients by adding patient in addition to take a specific time in schedule and have the ability to contact doctor or chat with him

* Primary flow

1. **Choose doctor**

* **Precondition**

depends on use case add doctor function to the system.

* Main flow

This function allowed the patient to select a specific doctor according to a name he knows before or according to the doctor rate in the system

1. **Rate Doctor**

* **Precondition**

depends on use case rate doctor in the system.

* Main flow

This function allowed the patient to rate the doctor in the system

* Primary flow

1. **Payment Method**

* **Precondition**

depends on use case to pay the prescription.

* Main flow

This function allowed the patient to select a specific doctor according to a name and pay the order.

* Primary flow

1. **Report For a problem**

* **Precondition**

depends on use case add report function to the system.

* Main flow

This function allowed the patient to report the doctor and add it in the system

1. **Write Diagnosis**

* **Precondition**

depends on use case the doctor write in the database of the system to the system.

* Main flow

This function allowed the doctor write a diagnosis and add it to the system for the patient.

1. **Order patient request** **by admin panel**

* **Precondition**

depends on use case order patient request by admin to the system.

* Main flow

This function allowed the admin to request a specific doctor according to the order of the patient in the system

* Primary flow

1. **Remove Patient by admin panel**

* **Precondition**

depends on use case remove a patient from the system.

* Main flow

This function allowed the admin to remove a patient if he/she cancel a request for ordering a doctor.

* Primary flow

1. **Reject Database problems**

* **Precondition**

depends on use case It manager only could collaborate with this function.

* Main flow

This function allowed the IT manager to deal with the problem in report problems function.

1. **Download and print e-mail**

* **Precondition**

depends on use case this function used by the patient.

* Main flow

This function allowed the patient to communicate with the doctor and take the medicine with the signature of the doctor.

1. **Send e-mail**

* **Precondition**

depends on use case this function used by the doctor.

* Main flow

This function allowed the doctor to communicate with the patient and send an e-mail with medicine and his signature.

1. **Chat**

* **Precondition**

depends on use case it have to be use by system user

* Main flow

This function allowed the system user to communicate with patients or doctors if there is any problem in the system**.**

* Primary flow