*Use case name* Register Doctor

*Participating actor* Initiated by Admin

Informed Doctor

*Flow of events* 1. **Admin** enters the website and activates the “Register a Doctor” function.

2. **Appointment** **System** responds by opening a form.

2. **Admin** fills out form by typing Doctor’s ID, Name, GSM, E-Mail, selecting title, department, hospital, working days, working hours. Once the form is completed, **Admin** submits the form.

3. **Doctor** receives an e-mail contains login information.

*Entry condition* **Admin** has logged into Appointment System.

*Exit condition* Registration completed successfully.

*Quality requirements* 1.Registration should not take more than 5 seconds.

2.**Doctor** should receive a unique password.

*Use case name* Block User

*Participating actor* Initiated by **Admin**

Informed **Patient**

*Flow of events* 1. **Admin** activates the “Block a User” function from his terminal.

2. **Appointment System** responds by representing a list of users.

3. **Admin** finds the user, clicks to “Ban” button. Also set the duration of ban. Once the adjustment completed, **Admin** submits the ban form.

4. **Appointment** **System** displays the Ban Report, sends an e-mail to banned user.

*Entry condition* **Admin** logged into system.

Patient registered to system.

*Exit condition* Banning process completed successfully.

*Quality requirements* 1. Patient should receive e-mail.

2. Ban report representing should not take more than 5 seconds.

*Use case name* Delete Doctor

*Participating actor* Initiated by **Admin**

*Flow of events* 1. **Admin** activates the “Search For Doctor” function of his terminal.

2. **Appointment System** responds by presenting a list of doctors to the **Admin.**

3. **Admin** types the ID of the doctor to the search bar.

4. **Appointment System** responds by presenting the row of doctor.

5. **Admin** clicks to the name of doctor.

6. **Appointment System** responds by presenting the information page of doctor.

5. **Admin** clicks to “Delete” button.

6. **Appointment System** responds by presenting a pop-up of check.

7. **Admin** submits the delete process.

8. **Appointment System** displays a pop-up of successfullness.

*Entry condition* **Admin** is logged into the system.

Doctor is registered into system.

*Exit condition* Deleting process completed successfully.

*Quality requirements* 1. Delete process should be completed less than 5 seconds.

*Use case name* Doctor Transfer

*Participating actor* Initiated by **Admin**

Informed **Doctor**

*Flow of events* 1. **Admin** activates the “Search For Doctor” function of his terminal.

2. **Appointment System** responds by presenting a list of doctors to the **Admin.**

3. **Admin** types the ID of the **Doctor** to the search bar.

4. **Appointment System** responds by presenting the row of doctor.

5. **Admin** clicks to the name of **Doctor**.

6. **Appointment System** responds by presenting the information page of **Doctor**.

7. Admin changes the hospital of **Doctor**, submits the form to system.

8. **Appointment System** responds by presenting a confirmation pop-up, sends an e-mail to the **Doctor**.

*Entry condition* **Admin** is logged into Appointment System.

**Doctor** has registered into the system.

*Exit condition* Changes successfully confirmed by the system.

*Quality requirements* 1. Doctor should receive e-mail.

2. System should response less than 5 seconds.

*Use case name* Register Hospital

*Participating actor* Initiated by **Admin**

*Flow of events* 1. **Admin** activates the “Register Hospital” function of his terminal.

2. **Appointment System** responds by presenting a form to the **Admin**.

3. **Admin** fills out the form by typing Hospital’s Name, Address, Phone, selecting City, Street, Postal Number, Number of doctors, rooms and beds, working hours. Once the form is completed, the **Admin** submits the form.

4. **Appointment System** receives the form and notifies the **Admin**.

*Entry condition* **Admin** is logged into Appointment System.

*Exit condition* Registration completed successfully.

*Quality requirements*  1.System should save new hospital less than 5 seconds.

*Use case name* Delete Hospital

*Participating actor* Initiated by **Admin**

*Flow of events* 1. **Admin** activates the “Search For Hospital” function of his terminal.

2. **Appointment System** responds by presenting a list of hospitals to the **Admin.**

3. **Admin** types the ID of the hospital to the search bar.

4. **Appointment System** responds by presenting the row of hospital.

5. **Admin** clicks to the name of hospital.

6. **Appointment System** responds by presenting the information page of hospital.

7. **Admin** clicks to “Delete” button.

8. **Appointment System** responds by presenting a pop-up of check.

9. **Admin** submits the delete process.

10. **Appointment System** displays a pop-up of successfullness.

*Entry condition* **Admin** is logged into Appointment System.

Hospitalhas registered into the system.

*Exit condition* Deleting successfully confirmed by the system.

*Quality requirements* 1. System should response less than 5 seconds.

*Use case name* Admin Appointment Cancel

*Participating actor* Initiated by **Admin**

Communicated with **Doctor**

Informed **Patient**

*Flow of events* 1. **Doctor** activates the “System Message” function of his terminal.

2. **Doctor** fills out the form by entering date, hour and message. Once the form is completed, **Doctor** submits the form.

3. **Appointment System** receives the form, and notifies **Admin**.

4.**Admin** reviews the submitted message, and activates “Search For Doctors” function of his terminal.

5. **Admin** finds the doctor, clicks to cancel necessary appointments. Once the cancelation is completed, **Admin** submits the appointment calendar.

6. **Appointment** **System** receives the cancelations, and notifies **Doctor** and **Patient**.

*Entry condition* **Admin** and Doctor has logged into Appointment System.

*Exit condition* Cancelation completed successfully.

*Quality requirements* 1. Patient should receive SMS.

2. Admin should response less than 1 hour*.*