*Use case name* Login

*Participating actor* Initiated by Patient or Doctor

*Flow of events* 1. Patient or doctor enters the hospital appointment website and fills out the form by typing id and password. And clicks the “login” button. Wrong id and password can lead the system to prompt message regarding to the error.

2. If patient or doctor can’t remember his/hers password, clicks the “forgot password” button. Then “forgot password” use case will be activated.

3. If user is patient and login information is correct, system redirects to the appointment page. If the user is doctor and login information is correct, system redirects to the doctor control page.

*Entry condition* Patient or doctor enters the hospital appointment website.

*Exit condition* Login process completed successfully.

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

2.If login informations are wrong, system should prompt error message in 3 seconds.

*Use case name* Register

*Participating actors* Initiated by Patient or Doctor

*Flow of the events* 1. Patient or doctor enters the hospital appointment website and clicks the “Register” button.

2. System redirects patient/doctor to the register page.

3. Patient/doctor fills out the form by entering name, surname, id, age, gender, address, e-mail, phone number and password. Then clicks the “register” button.

4. If there is an unfilled area system should prompt an error. Otherwise registration is successful and system redirects patient or doctor to the login page.

*Entry condition*  Patient/doctor clicks the register button in the main page.

*Exit condition* 1. Patient/doctor successfully register to the appointment system.

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

2. If there is an unfilled area, system should give error message in 3 seconds after clicking the register button.

*Use case name* ForgotPassword

*Participating actors* Initiated by Patient

*Flow of events* 1. Patient enters the hospital appointment website and clicks the “forgot password” button.

2. System redirects patient/doctor to the “forgot password” page.

3. Patient fills out the form by entering his/hers id and e-mail and clicks “send” button.

4. System sends an e-mail to the user that contains a link for reset password.

5. Patient clicks to the link and then enters his/hers password twice. Then clicks to the “save” button.

*Entry condition* Patient clicks to the “forgot password” button.

*Exit condition* Patient successfully chances password.

*Quality requirements* If there is an unfilled area, system should prompt an error after clicking “send” and “save” button.

System should send an e-mail in a minute.

*Use case name MakingAppointment*

*Participating actors Initiated by Patient*

*Flow of events 1.* After login process, patients enters to the hospital appointment system.

2. The patient fill out the form by selecting date, province, district, hospital, neighbourhood polyclinic, examination location and doctor. After this part completed, patient clicks the “search” button.

3. System shows the avalible times for selected doctor.

4. The patient selects the time he/she wants and clicks the “save” button.

4. System sends an e-mail that contains appointment details to the patient.

*Entry condition* The patient is logged into hospital appointment system.

*Exit condition* The patient, successfully made an appointment

*Quality requirements* System should send an e-mail in a minute.

*Use case name* ChangingPersonalInformations

*Participating actor instances* Initiated by Patient

*Flow of events* 1. After login process, the patient clicks the “personal information” button in order to see his/hers personal information or change some specific informations.

2. System shows personal informations in a new pop-up screen.

3. System allows to change only address, e-mail and phone number.

4. After changing personal informations, patient clicks the “save” button.

5. System successfully change informations and save them.

*Entry condition* The Patient is logged into Hospital Appointment System and clicks to the “personal informations” button.

*Exit condition* The patient successfully change his/hers personal informations.

*Quality requirements* System does not allow to change some informations like id, name, surname, age and gender.

*Use case name SeeingFutureAppointments*

*Participating actor instances Initiated by Patient*

*Flow of events* 1. After login process, patient clicks the “Future Appointments” button

2. System shows upcoming appointments in a new pop-up screen. And lists all the future appointments.

3. If patient wants he/she can filter the list by date, polyclinic or doctor.

*Entry condition*  The Patient is logged into Hospital Appointment System and clicks to the “Future Appointments” button.

*Exit condition* The patient successfully see his/hers upcoming appointments.

*Quality requirements* Listing the appointments should not take 5 seconds.

*Scenerio name SeeingAppointmentHistory*

*Participating actor instances Initiated by Patient*

*Flow of events*  1. After login process, patient clicks the “Appointment History” button

2. System shows past appointments in a new pop-up screen. And lists all the past appointments.

3. If patient wants he/she can filter the list by date, polyclinic or doctor.

*Entry condition*  The Patient is logged into Hospital Appointment System and clicks to the “Appointment History” button.

*Exit condition* The patient successfully see his/hers past appointments.

*Quality requirements* Listing the appointments should not take 5 seconds.

*Use case name ChangingPassword*

*Participating actor instances Initiated by Patient or Doctor*

*Flow of events* 1. After login process, patient/user clicks the “personal information” button.

2. System opens the personal informations pop-up screen.

3. Then patient/doctor clicks to the “change password” button.

4. System opens a new page in personal informations pop-up page.

5. Patient/doctor enters his/hers new password twice and clicks “save” button and successfully completed changing password.

*Entry condition* The Patient/doctor is logged into Hospital Appointment System and clicks to the “personal informations” and then “change password” buttons.

*Exit condition* Patient/doctor successfully completed the changing password.

*Quality requirements*

*Use case name CancelAppointment*

*Participating actor instances Initiated by Patient*

*Flow of events* 1. After login process, patient clicks the “Future Appointments” button

2. System shows upcoming appointments in a new pop-up screen. And lists all the future appointments.

3. If patient wants cancel his/hers upcoming appointment clicks to “delete” button next to appointment.

*Entry Condition* The Patient is logged into Hospital Appointment System and clicks to the “Future Appointments” button.

*Exit Condition* Patient successfully cancel his/hers appointment

*Quality requirements System should cancel appointment in 3 seconds .*