**Scenarios**

**Admin Role/Scenarios –** Ş. Taha Demirer

**Scenarios:**

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| Scenario Name | cancelAppointmentsViaAdmin |
| Participating Actor  Instances | Taha: Admin  Atanur : Doctor  Alp : Patient |
| Flow of Events | 1. Atanur has appointments for the future. But in the last minute, a job occurred which he must do and he has no time to cancel them all. He entered the system by entering his ID number and password. After login, he clicked the red “System Admin Contact” button. 2. After clicking that button, a form occurred which contains Doctor’s name, and ID as default, and a message bar to fill. He wrote the message about his busyness. And he clicked to Green “Send” button. 3. Taha has received an email from the system, which contains date, time, doctor’s name, doctor’s ID and doctor’s message. 4. He entered the system by using his ID and password. Admin page has opened to him. He saw a new message occurred in his message box. He clicked the button “Search For Doctors”. 5. A form opened, which consists text bar “search by ID”. He filled the form with the Doctor’s ID and saw his information. 6. Taha clicked to bar which consists Doctor’s name, doctor’s ID and the Hospital name of the doctor works. A new page opened which consists a table of future appointments of the doctor. The table has a search bar for patient names, a Date set bar. 7. He set the date to the day which the doctor is busy and see the appointments of the day. He clicked red “CANCEL” button at the right of every single appointment. 8. After this, Taha clicked to the “System Message” button and filled “To” bar with doctor’s ID, wrote to message box about process is completed. 9. Alp has received an SMS and an E-Mail from the system about his appointment is canceled. |

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| Scenerio Name | registerNewDoctor |
| Participating Actor  Instances | Taha: Admin  Atanur: Doctor |
| Flow of Events | * 1. Taha has received a message about a registration of a new doctor to the system.   2. Taha has entered the system from the login page by using his ID and password. Admin page has opened.   3. He clicked the blue “New Doctor” button. Doctor Registration page has opened.   4. He filled bars with Doctor’s ID, name, GSM, E-Mail, Address, he choose doctor’s title from the comboBox. And he choose Doctor’s department and hospital from the ComboBoxes, via ID numbers of hospital and department. He filled the table of working days and hours.   5. He clicked the “Save” button. Dr. Atanur has saved to the system.   6. Dr. Atanur has received an information e-mail which consists the login information, ID and password. |
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| Scenerio Name | blockCriminalPatient |
| Participating Actor  Instances | Taha: Admin |
| Flow of Events | * 1. Taha has received a message from Police Department about a patient. The patient has subjected a doctor to violence. Police department has sent the ID and Name information of the criminal patient, and wants to block him 12 months from the system as a punishment.   2. Taha has entered the system from the login page by using his ID and password. Admin page opened.   3. He clicked to the red “BLOCK A USER” button. A new page opened which consists text bar of “ Search by ID”, columns of name, ID, e-mail and GSM.   4. Taha typed the ID of criminal patient and found him in the system. He clicked red “BLOCK” button at the right of row of the patient. A pop-up has occurred which has a comboBox of “Months of Duration”. He choose 12, and clicked “BLOCK” button on pop-up.   5. After clicking the button, a new pop-up has occurred. There’s “Are you sure to block this user?” text in pop-up. He clicked “YES” button. And patient blocked from making appointments for 12 months. |

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| Scenerio Name | deleteDoctor |
| Participating Actor  Instances | Taha: Admin |
| Flow of Events | 1. Taha has received a message from a Hospital, about a doctor’s quit. Hospital wants to delete the doctor from the Hospital records. 2. Taha opened the login page and entered the system by using ID and password. He clicked the “Hospitals” page button. A new page opened. 3. He clicked the search bar and typed the name of hospital. A table of persons registered to that hospital opened. 4. He found the doctor’s name who has quitted from job. He clicked his name and the information page of that doctor is opened. 5. He has no information about the doctor’s new hospital. Thus, he clicked the “Change Information” button, after that, “Hospital” comboBox of doctor, and turned it into “not known”. “Working Hours” table automatically turned to gray, not able to change. And he clicked to save button. |

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| Scenerio Name | transferDoctor |
| Participating Actor  Instances | Taha: Admin |
| Flow of Events | 1. Taha has received a message about a doctor is changing the hospital he works, from the hospital. That information have to be changed. He opened the login page and entered the system by using his ID and password. 2. He clicked “Doctors” button, a new page consisting table of doctors opened. He typed doctor’s name to search bar. And found the doctor’s name. 3. There’s two doctors with the same name, he compared the ID’s, and found the correct one. He clicked his name. Doctor’s informations page opened. 4. Taha clicked to “Change Information” button. After, he clicked to “Hospital” comboBox of doctor. He changed hospital information to the actual one. Working address statement automatically filled to the new hospital’s address. He clicked the save button. |

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| Scenerio Name | registerANewHospital |
| Participating Actor  Instances | Taha: Admin |
| Flow of Events | 1. Taha has received an email consists documents of permission and confirmation from Ministry of Health. They want to register this new hospital to the system. 2. He opened the login page and entered the system by using his ID and password. He clicked to “Register a Hospital” button. A new page opened. 3. He filled the blank fields with “Hospital’s Name”, Address, Phone, Departments, Number of Rooms, Number of Beds, Number of Doctors, Working Hours. 4. He clicked the save button and new hospital has saved to the system. |

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| Scenerio Name | deleteHospital |
| Participating Actor  Instances | Taha: Admin |
| Flow of Events | 1. Taha has received a message from Ministry of Health, about a closing hospital. Ministry wants to delete this hospital from the system. 2. Taha opened the login page and entered the system by using his ID and password. Admin page opened. He clicked to “Hospitals” button. 3. A table of hospitals opened. He typed the name of hospital to search bar, found the hospital, clicked to the name. Hospital’s Information page opened. 4. He clicked to little red “Delete Hospital” button. A pop-up occurred which consists “Are you sure want to delete this hospital? This may have consequences.” Sentence. He clicked to “YES” button. Hospital is deleted from the system. |

**Doctor Role/Scenarios –** Atanur Demir

**Scenarios:**

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| Scenerio Name | showTakenAppointments |
| Participating Actor  Instances | Atanur: Doctor |
| Flow of Events | 1. Atanur. wants to see patients who have an appointment with him. Firstly, he login the system by entering his identification number and password. After that, he clicks on the “show taken appointments” button on the homepage. 2. After the page opens, he can see the list of appointments made on the opened page. In the menu that opens, the doctor can see the appointments received from him day by day. Whichever day he wants to view, he must click the day's button. 3. These appointments are sorted by date and contain information including patients' names, genders and ages. 4. After receiving the required documents from on “appointment list” page, If the doctor wants, he can turn off (logout button) the system with a single button or go back to the main menu. (back button) |

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| Scenerio Name | reportNotParticipate |
| Participating Actor  Instances | Atanur: Doctor |
| Flow of Events | 1. In order to use this operation, a doctor must be login to system with his/her id number and password. 2. Therefore, Atanur login to system to use ‘notify absent patient to Administrator’ function. Following to login, he go to the ‘Absent Patient’ page. 3. On this page, he can be see the future appointments made by him and if he wishes, can fill the little box on patient names. Filled boxes means that patients did not come to the appointment. 4. Atanur presses the "send" button after identifying patients who do not come. 5. In this way, all missing patients are reported to their admissions in one go. |

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| Scenerio Name | searchForPatient |
| Participating Actor  Instances | Atanur: Doctor |
| Flow of Events | 1. In order to use this operation, a doctor must be login to system with his/her id number and password. 2. Therefore, Atanur login to system to use ‘information of a specific patient’ function. Following to login, he go to the ‘Search Patient’ page. 3. To next page, Atanur must be write the name and surname of the patient that he wants to investigate. 4. After entering the name and surname data, patient names that meet these criteria are presented to the user in tabular form. 5. If there are multiple patients with the same name, Atanur should be check patients ‘identification number’ on this page to find spesific names that he wants. 6. Once Atanur find the patient that he wants, just clicks on his/her names. 7. Following that, Atanur accesses his patient’s previous appointment records. These registrations can be seen from which departments and how often appointments were made. |

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| Scenerio Name | givePescription |
| Participating Actor  Instances | Atanur: Doctor |
| Flow of Events | 1. Atanur wants to prescribe his patient. 2. In order to do this, he enters the system with his id and password. 3. On the following main screen, Atanur press the "prescribe" button to go to the page where the recipe is written. 4. The recipe page comes in front of the doctor in the form of a blank list. If the doctor wishes to do so, he will write the list of drugs he wishes to give. 5. After he have written all the medicines, press the "give" button to finish the prescription. 6. On the next page, the prescription appears in front of the doctor, both as a written with list, barcode and as a random generated code. 7. The prescription given by the doctor is saved in the system. 8. If the doctor wants, he can turn off (logout button) the system with a single button or go back to the main menu. (back button) |

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| Scenerio Name | printPrescription |
| Participating Actor  Instances | Atanur: Doctor |
| Flow of Events | 1. In order to perform this process, the prescription must be given first. 2. After the function of “givePescription”, Atanur can print this recipe with the help of a printer. 3. First the doctor gives his patient a prescription. Prescription page both as a written with list, barcode and as a random generated code. 4. The doctor can print all this data on the paper using the “print” button on this page. 5. If no usable printer is defined, the doctor receives an error message. 6. If the procedure was successful, the doctor will receive a message that the procedure was successful. 7. If the doctor wants, he can turn off (logout button) the system with a single button or go back to the main menu. (back button) |

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| Scenerio Name | registerViaAdmin |
| Participating Actor  Instances | Atanur: Doctor |
| Flow of Events | 1. Atanur, in order to become a doctor member, he must contact to admin. 2. To do this, Atanur should use the function of “contact with the admin.” on the main page. 3. On the next page, he should fill in his ID number and his mail number for contact the administrator of the website. 4. Administrators evaluate this message and check whether the person is a doctor or not. 5. If the person who sent this message is actually a doctor, admin will send the relevant user's ID and password to the registered e-mail address. |

**Patient Role/Scenarios –** Alp İnce

**Scenarios**

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| Scenario name | registerForAppointment |
| Participating Actor  Instances | alp: Patient |
| Flow of events | 1. Alp, wants to make an appointment for his illness and that’s why he enters the hospital appointment website. Then he clicks the “register button”. 2. After register page opened, he fills the name, surname, id, age, gender, address, e-mail, phone number and password fields. Then he clicks the register button. 3. After the clicking “register” button, login page opened. After the fills the login informations, he can make an appointment for his treatment. |

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| Scenario name | loginForAppointment |
| Participating actor  instances | Alp:Patient |
| Flow of events | 1. 1. Alp, he is a registered user and he wants to make an appointment for his illness. Then, he enters the website. 2. In the login screen, he needs to fill the his ID and password areas. After the Alp has entered his informations correctly, he clicks the “login” button and complete login operation. |

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| Scenario name | forgotPassword |
| Participating actor  instances | Alp:Patient |
| Flow of events | 1. Alp, he is a registered user and he wants to login to the system but he can’t remember his password. That’s why he clicks the “forgot password” button. 2. In the forgot password page, he fills the his id and e-mail and clicks the “send” button. Then he receives an e-mail that contains a link for reset password.      1. He clicks the link, then a new page opened. In this page he needs the fill new password and new password again areas. 2. After filling this areas, he clicks the “save” button then, login page opens. Thus, he successfully change his password. |

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| Scenario name | MakingAppointment |
| Participating actor  Instances | Alp:Patient |
| Flow of events | 1. Alp, wants to make an appointment for his illness and that’s why he enters the hospital appointment website. After login process, he enters the appointment page. 2. He enters the appointment informations like date, province, district, clinic, hospital, neighbourhood polyclinic, examination location and doctor. After this part completed, clicks the “search” button. 3. After the clicking “search appointment” button, he sees the avalible times for doctor. He choose the time and cliks the “save appointment” and he successfully made an appointment. |

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| Scenario name | changingPersonalInformations |
| Participating actor  Instances | Alp:Patient |
| Flow of events | 1. Alp, wants to check his personal informations and if there is a wrong information he wants to change it. Firstly, he login to the system. 2. After the login operation, he clicks the “Personal Information” button and pop-up screen is opened. Alp, can see his personal informations like name, surname, gender, age, address, e-mail, phone number. 3. After checking his personal informations, he realized that his phone number is wrong. Then he corrects the phone number and clicks the “save” button 4. After saving his contract details he clicks the “cross” button and close the personal informations pop-up screen. |

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| Scenario name | seeingFutureAppointments |
| Participating actor  Instances | Alp:Patient |
| Flow of events | 1. Alp had made multiple appointments and he can’t remember appointment dates. So, he login to the system and in the appointment page he clicks the “Future Appointments” button. 2. Then new pop-up screen opened, and he can check all the future appointments in this pop-up screen. But he realized that, his appointment list is too long and he can’t find one specific appointment. 3. So, he sorted the appointment list for date. Thus, he found the appointment that he wants. |

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| Scenario name | seeingAppointmentHistory |
| Participating actor  instances | Alp:Patient |
| Flow of events | 1. Alp wants to check his appointment history in order to see his last appointment date. So he login to the system and in the appointment page he clicks the “Appointment History” button. 2. Then new pop-up screen opened, and he can check all the past appointments from this pop-up screen. But he realized that appointment history list is too long. 3. So, to find a specific one appointment he filtered the appointment list by polyclinic. Thus he found the last appointment that he wants. |

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| Scenario name | changingPassword |
| Participating actor  instances | Alp:RegisteredUser |
| Flow of events | 1. Alp, he is a registered user and he wants to change his password. He wants to make his password safer. 2. That’s why he login to the system and clicks the “Personal Informations” button. Then, he clicks the “change password” button in the personal informations pop-up screen. 3. Then a new pop-up screen opened and he needs to enter his old password and new password twice. After fills the blanks he clicks the “save” button and successfully completed changing password. |

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| Scenario name | cancelAppointment |
| Participating actor  instances | Alp:Patient |
| Flow of events | 1. Alp, he is a registered user and he had made an appointment. But he realized that he can’t go to this appointment. Thus, he wants to cancel his appointment 2. After login process, he enters the appointment page and clicks “future appointments” button. And he sees the all coming appointments. 3. Then in order to cancel his appointment, he clicks to “delete” button next to the appointment. So he successfully canceled his appointment |