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| **USE CASE DESCRIPTION** | |
| **SYSTEM** | E- Healthcare Online Consultation and Medical  Subscription System. |
| **USE CASE NAME: Patient Makes Appointment** | |
| **PRIMARY ACTORS:** Patient | **OTHER ACTORS:** Doctor, Staff |
| **STAKEHOLDERS:** |  |
| **DESCRIPTION**  Patient login to the system, after successful Login, Patient searches for the Doctors from the Available Doctor List, checks for the Availability of the selected Doctor, Enters the Health condition and makes the appointment. | |
| **RELATIONSHIPS:NA**  **INCLUDES: NA**  **EXTENDS:** Appointment Leads to Consultation  **DEPENDS ON:** Appointment Depends on the Availability of the Doctor | |
| **INPUT:** Username, Password, Appointment | |
| **PRE-CONDITIONS:** Login to make Appointment also Subscribed to a plan. | |
| **STEPS:** | |
| **ACTOR** | **SYSTEM** |
| 1.Patient Login to the system with username and password. | 2.System Validates the Patient Login and Redirect them to the Main Page. |
| 3.Patient Searches for the Doctor from the Doctor List. | 4.System retrieves the Doctor List by Patient Search Keyword and Shows the List to the Patient. |
| 5.Patient Checks for the Availability of the Selected Doctor. | 6.System shows the Availability of the doctor in a Calendar to make appointment. |
| 7.Patient Makes Appointment based on Doctor Availability. | 8.System creates the appointment for the patient. |
| 9.Doctor Views the Appointment made by the Patient and Approves the Appointment. | 10.System Updates the Appointment Status based on Doctor’s Input. |
| 11.Patient Views the Appointment Status. | 12.System Sends Approval Message to the Patient. |
| **ALTERNATIVES AND EXCEPTIONAL FLOWS:**   * 1. If the username and password is incorrect, the Login will be unsuccessful.   2.1 System will redirect to the Login Page, upon unsuccessful Login.  4.1 Incorrect Keyword will affect the Displaying of Doctor List.  7.1 Patient can reject the Appointment within 2 days of Calendar date.  8.1 System Unable to Create Appointment.  9.1 Doctor Rejects the Appointment.  10.1 System failed to update the Appointment Status.  11.1 Patient Cannot view the Appointment status within 24 hrs so creates the Support Ticket for the Staff.  12.1 System Sends Rejected Appointment to the Patient. | |
| **POST CONDITIONS:**  Appointment Created in the System for Consultation. | |

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| **USE CASE DESCRIPTION** | |
| **SYSTEM** | E- Healthcare Online Consultation and Medical  Subscription System. |
| **USE CASE NAME: Doctor gives Consultation** | |
| **PRIMARY ACTORS:** Doctor | **OTHER ACTORS:** Patient,Staff |
| **STAKEHOLDERS:** |  |
| **DESCRIPTION**  Doctor Login to the System, View’s upcoming Appointment and give consultation to Patient and Prescribe medication. | |
| **RELATIONSHIPS:NA**  **INCLUDES: NA**  **EXTENDS:** Consultation leads to Prescription.  **DEPENDS ON:** Doctor’s Approval on the Appointment. | |
| **INPUT:** Username, Password, Consultation and Prescription | |
| **PRE-CONDITIONS:** Login to View Appointments and give consultation. | |
| **STEPS:** | |
| **ACTOR** | **SYSTEM** |
| 1.Doctor Login to the system with username and password. | 2.System Validates the Doctor Login and Redirect them to the Main Page. |
| 3.Doctor View’s for the Upcoming Appointments. | 4.System displays the Consultation meeting Link join the appointment. |
| 5.Doctor Enters the meeting Link to give Consultation to the Patient. | 7.Prescription is Created and Recorded in the system. |
| 6.Doctor Creates Prescription to the Patient based on the Available drugs and mentions about the Next follow-up date if necessary. | 8.After Consultation ends System creates the record. |
| 9.Doctor ends the meeting. |  |
| **ALTERNATIVES AND EXCEPTIONAL FLOWS:**   * 1. If the username and password is incorrect, the Login will be unsuccessful.   2.1 System will redirect to the Login Page, upon unsuccessful Login.  4.1 Meeting Link will be expired if the Date/Time Expires.  5.1 Doctor Cannot Enter the meeting Link, then Doctor creates the Support system for Staff to review on the issue.  7.1 Creation of Prescription is Unsuccessful upon Unavailable Drug List.  8.1 No Backup Record Created After Consultation. | |
| **POST CONDITIONS:**  Consultation Completed and Medication is Prescribed to the Patient. | |

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| **USE CASE DESCRIPTION** | |
| **SYSTEM** | E- Healthcare Online Consultation and Medical  Subscription. |
| **USE CASE NAME: Patient Subscribe to a Plan** | |
| **PRIMARY ACTORS:** Patient | **OTHER ACTORS:** Admin |
| **STAKEHOLDERS:** |  |
| **DESCRIPTION**  Patient Login to the System, Subscription Plan pop ups. Patient Select the Subscription Plan based on their necessity and makes Payment for the Subscription Selected. | |
| **RELATIONSHIPS:NA**  **INCLUDES: NA**  **EXTENDS:** Subscription Leads to Appointment.  **DEPENDS ON: NA** | |
| **INPUT:** Username, Password, Subscription Plan, Payment | |
| **PRE-CONDITIONS:** Login to Subscribe to a Plan | |
| **STEPS:** | |
| **ACTOR** | **SYSTEM** |
| 1.Patient Login to the system with username and password. | 2.System Validates the Patient Login and Redirect them to the Main Page. |
| 4.Patient View the Subscription Plans. | 3.System Popup the Screen with the Subscription Plans created by Admin. |
| 5.Selects Subscription Plan form the Options (Basic, Standard and Premium) | 7.System makes the Check on Patient Subscription. |
| 6.Patient also Selects whether its Monthly or Yearly Subscription. | 8.System Prompts for Payment on selected Subscription. |
| 9.Patient Makes the Payment using Debit /Credit Card. | 10.System Validates the Payment and sends confirmation to the Patient on Subscription of the Plan. |
| **ALTERNATIVES AND EXCEPTIONAL FLOWS:**   * 1. If the username and password is incorrect, the Login will be unsuccessful   2.1 System will redirect to the Login Page, upon unsuccessful Login  3.1 System popup the Screen for the Renewal of the Subscription, Since Patient already Subscribed to the Plan.  9.1 If Credit Card is Expired, System prompts Unsuccessful Payment.  10.1 Upon Unsuccessful Payment, Patient Not Subscribed to the Plan. | |
| **POST CONDITIONS:**  Patient Subscribed to a Plan to make an appointment. | |