# Appendix

**Use case Description for doctor and admin.**

| Use case | Login |
|---|---|
| **Description** | Login to the system |
| **Actors** | Doctor, Admin, patient |
| **Pre- Condition** | Admin/doctor need to have valid user ID and password. |
| **Basic flow** | <ul><li>Actors identify itself admin or doctor.</li><li>Enter id and password.</li><li>System will check entered id and password.</li><li>If entered id password are valid system will allow to give access and display the main page.</li></ul> |
| **Alternative flow** | If entered id and password wrong, system will deny access to the system. |

**Use case Description for register patient.**

| Use case | New patient register |
|---|---|
| **Description** | New patients register to the system |
| **Actor** | Patients |
| **Pre- Condition** | Patient needs to login the system |
| **Basic flow** | <ul><li>For register new patients need to enter all personal details.</li><li>Confirm registration massage will be display in the system.</li></ul> |
| **Alternative flow** | If enter wrong information system will show warning |

**Use case Description for manage appointments.**

| Use case | Appointment manages |
|---|---|
| **Description** | Patient Appointment manage |
| **Actor** | Admin and patient |
| **Pre- Condition** | Actors need to logon to the system first |
| **Basic flow** | <ul><li>Patients need to make an appointment.</li><li>Patients can reschedule before make payment.</li><li>After payment patient will get confirmation via email/phone.</li></ul> |
| **Alternative flow** | If patient enter wrong details, system will show warning. |

**Use case Description for patient account details.**

| Use case | Patient account details |
|---|---|
| Description | To access patients' system logs |
| Actor | Admin |
| Pre- Condition | Admin needs to login to the system |
| Basic flow | • Admin will allow to see all details about patient system logs.<br>• Admin will allow to modify patients' information if needed. |
| Alternative flow | If entered different kind of details, system will display warning message. |

**Use case description for rating.**

| Use case | Rating |
|---|---|
| Description | To post doctor rating |
| Actor | patient |
| Pre- Condition | Patients need to login to the system and finish the Appointment. |
| Basic flow | • Patients need to login the system.<br>• Patients need to confirm the appointment and payment.<br>• Consultant with doctor.<br>• Review the doctor service and give rating. |
| Alternative flow | If patient does not post, system will prompt |

**Source code of this system given below Github link:**

https://github.com/Alkawsar28/online_doctor_appointment_system