

## Appendix

### Use case Description for doctor and admin.

Use case	Login
<b>Description</b>	Login to the system
<b>Actors</b>	Doctor, Admin, patient
<b>Pre- Condition</b>	Admin/doctor need to have valid user ID and password.
<b>Basic flow</b>	<ul style="list-style-type: none"><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>
<b>Alternative flow</b>	If entered id and password wrong, system will deny access to the system.

### Use case Description for register patient.

Use case	New patient register
<b>Description</b>	New patients register to the system
<b>Actor</b>	Patients
<b>Pre- Condition</b>	Patient needs to login the system
<b>Basic flow</b>	<ul style="list-style-type: none"><li>• For register new patients need to enter all personal details.</li><li>• Confirm registration message will be display in the system.</li></ul>
<b>Alternative flow</b>	If enter wrong information system will show warning

### Use case Description for manage appointments.

Use case	Appointment manages
<b>Description</b>	Patient Appointment manage
<b>Actor</b>	Admin and patient
<b>Pre- Condition</b>	Actors need to logon to the system first
<b>Basic flow</b>	<ul style="list-style-type: none"><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>
<b>Alternative flow</b>	If patient enter wrong details, system will show warning.

### Use case Description for patient account details.

Use case	Patient account details
<b>Description</b>	To access patients' system logs
<b>Actor</b>	Admin
<b>Pre- Condition</b>	Admin needs to login to the system
<b>Basic flow</b>	<ul style="list-style-type: none"> <li>• Admin will allow to see all details about patient system logs.</li> <li>• Admin will allow to modify patients' information if needed.</li> </ul>
<b>Alternative flow</b>	If entered different kind of details, system will display warning message.

**Use case description for rating.**

Use case	Rating
<b>Description</b>	To post doctor rating
<b>Actor</b>	patient
<b>Pre- Condition</b>	Patients need to login to the system and finish the Appointment.
<b>Basic flow</b>	<ul style="list-style-type: none"> <li>• Patients need to login the system.</li> <li>• Patients need to confirm the appointment and payment.</li> <li>• Consultant with doctor.</li> <li>• Review the doctor service and give rating.</li> </ul>
<b>Alternative flow</b>	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](https://github.com/Alkawsar28/online_doctor_appointment_system)