Details of Internal User Requirements:

1. Appointment Management:

1.1 Ability to log in.

1.2 Ability to schedule, modify, and cancel appointments.

1.3 Ability to send automated appointment reminders.

1.4 Ability to manage appointment availability in real-time.

1.5 Ability to confirm or reject appointment requests.

1.6 Ability to view and manage patient appointment history.

2. Medical Records Management:

2.1 Ability to log in.

2.2 Ability to access and update patient medical records.

2.3 Ability to secure access to medical history and digital prescription.

2.4 Ability to manage prescription refills.

2.5 Ability to ensure data accuracy and completeness in medical records.

2.6 Ability to track changes and updates in patient records.

2.7 Ability to receive digital prescription and track prescription history.

3. Billing & Finance Management:

3.1 Ability to process payments for appointments and services.

3.2 Ability to manage billing and secure payment systems.

3.3 Ability to integrate with insurance companies for claims processing.

3.4 Ability to generate and send invoices and receipts.

3.5 Ability to track outstanding payments and send reminders.

4. Doctor & Clinical Management:

4.1 Ability to manage doctor schedules and availability.

4.2 Ability to coordinate patient communication.

4.3 Ability to analyze and report test results.

4.4 Ability to access comprehensive patient data for informed decision-making.

4.5 Ability to manage clinical workflows and documentation.

4.6 Ability to track and follow up on patient treatment plans.

4.7 Ability to update and manage appointment schedules in real-time.

4.8 Ability to view upcoming and past appointments.

4.9 Ability to issue, update, and approve digital prescriptions.

4.10 Ability to handle prescription refill requests seamlessly.

5. Regulatory Compliance and Data Security:

5.1 Ability to ensure all transactions and data exchanges comply with healthcare regulations.

5.2 Ability to safeguard patient privacy and maintain data security standards.

5.3 Ability to manage healthcare regulatory compliance.

5.4 Ability to monitor and audit system activities for compliance.

5.5 Ability to manage user roles and access permissions.

5.6 Ability to ensure secure data storage and backup.