

Health Information Network User Stories

Patient User Stories

- Update Patient Information

User Story:

As a patient or caregiver, I want to update the patient's profile information, so that the healthcare providers have accurate and up-to-date details.

Acceptance Criteria:

1. The user can update personal details such as address, contact number, emergency contacts, etc.
2. The system validates input fields to prevent incorrect or incomplete information.
3. Only authorized users (patients or designated caregivers) can edit the profile.

- Access and View Health Records

User Story:

As a patient, I want to access my health records, so that I stay informed about my medical history.

Acceptance Criteria:

1. The system displays a list of health records, including date, type of visit, and prescription details, with search and filter options.
2. The user can filter their records by date, type, or provider.
3. Only authorized users (patients, health providers, or government regulators) can access the health records.

- Schedule Appointment

User Story:

As a patient, I want to schedule an appointment with a healthcare provider, so that I can receive timely care.

Acceptance Criteria:

1. The system provides available appointment slots for the selected healthcare provider.
2. The system allows the user to reschedule or cancel the appointment.
3. Once an appointment is scheduled, it should be sent to the patient and their designated caregivers, confirming a successful payment transaction.
 - Reminders are sent 24 hours before the appointment time to both the patient and caregiver (if assigned).

- Check Insurance Coverage

User Story:

As an insured patient, I want to check my insurance coverage for specific treatments, so that I am aware of what costs will be covered.

Acceptance Criteria:

1. The system provides details of insurance coverage for common treatments and medications.
2. The system shows the insurance policy's expiration date and renewal reminders.

Healthcare Provider User Stories

- Access Patient Records

User Story:

As a healthcare provider, I want to access patient records so that I can provide accurate treatment.

Acceptance Criteria:

1. The system displays a list of patients assigned to the healthcare provider, with search and filter options.
2. Any patient record updates made by the provider are reflected in real time and tracked for audit purposes.

- Generate Medical Reports

User Story:

As a healthcare provider, I want to generate different types of medical reports so that I can share relevant health information with patients and their caregivers.

Acceptance Criteria:

1. The system provides options to create various types of reports, including diagnostic summaries, treatment plans, medication lists, follow-up recommendations, X-rays, medical tests, etc.
2. A notification is automatically sent to patients and designated caregivers when a new report is generated.
3. Reports include the provider's name, date of generation, and contact information for further questions.

Government Regulator User Stories

- Run Custom Reports

User Story:

As a government regulator, I want to run custom reports so that I can monitor trends related to illness, treatments, and patient outcomes at a national level.

Acceptance Criteria:

1. Regulators can generate system usage reports, showing activity trends.
2. Access to reports is restricted to authorized government regulators with the appropriate permissions.

- Track System Usage

User Story:

As a government regulator, I want to track system usage so that I can ensure privacy and security standards are met.

Acceptance Criteria:

1. Access to system usage data is restricted to authorized regulators.
2. Regulators access health providers' reports and patients' health records so that they can ensure HIPAA standards are met.

Insurance Company User Stories

- Verify Patient Insurance Coverage

User Story:

As an insurance company, I want to verify patient insurance coverage so that claims can be processed efficiently.

Acceptance Criteria:

1. The system displays coverage details for each patient, including policy limits and covered treatments.
2. Only authorized insurance representatives can access patient insurance information.