

IT314 LAB 5  
G-15  
Activity diagram

**Sprint 1: User Authentication (Login)**

Activities:

Going to the login page.

Inserting user credentials (e.g., username, password).

Creating user account management functionality (e.g., registration, password reset).

Actions:

Designing the login page interface.

Developing authentication logic.

Implementing user registration and password reset features.

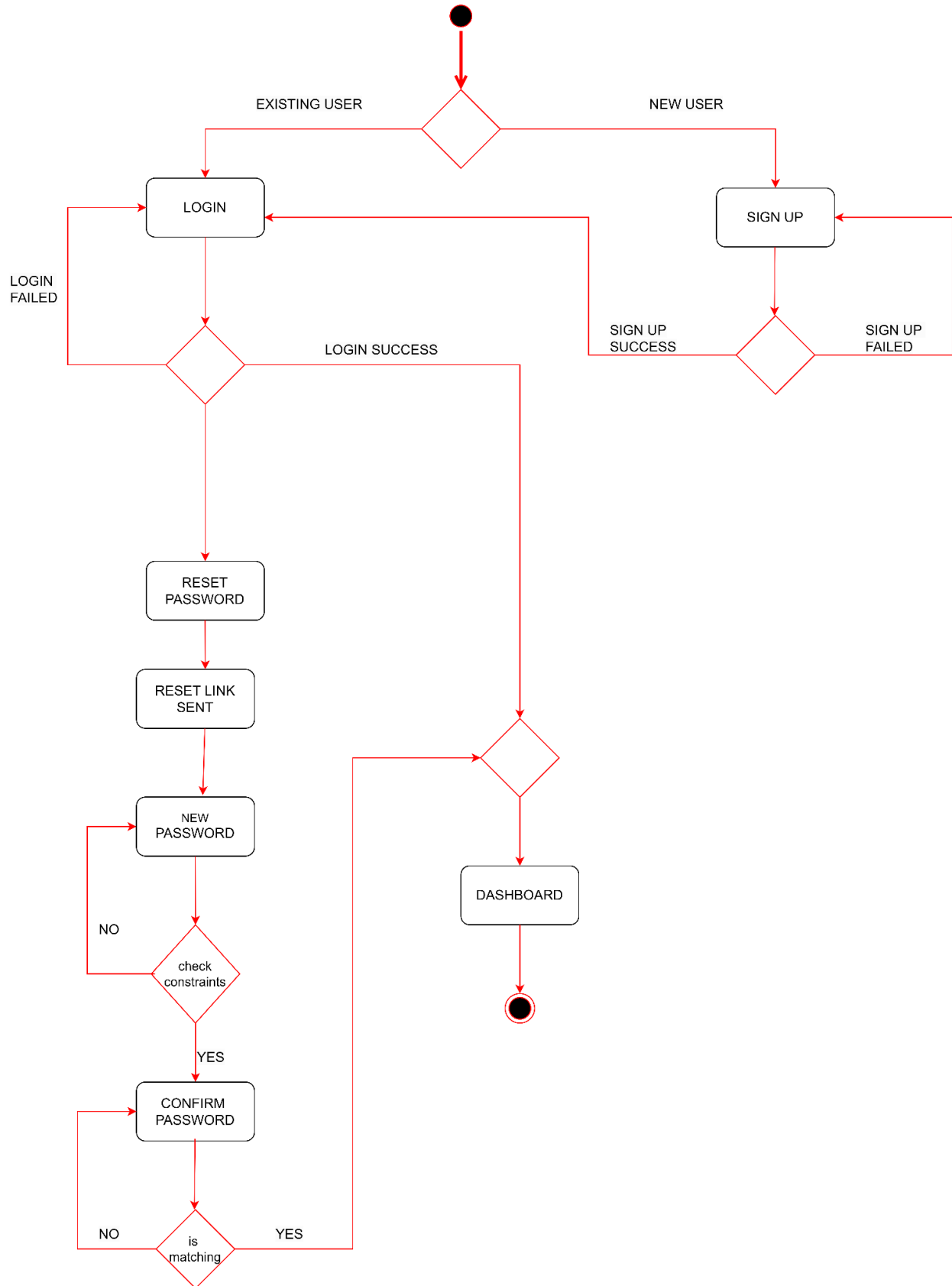
Conditions:

User login page designed and approved.

User has created his account.

Authentication mechanisms working correctly.

User registration and password reset functionality operational.



## **Sprint 2: Administrator Functionality**

### Activities:

Design the admin panel.

Implement user management (e.g., add, delete, update users and roles).

Create reporting and analytics features.

### Actions:

Designing the admin panel interface.

Implementing user management functionality.

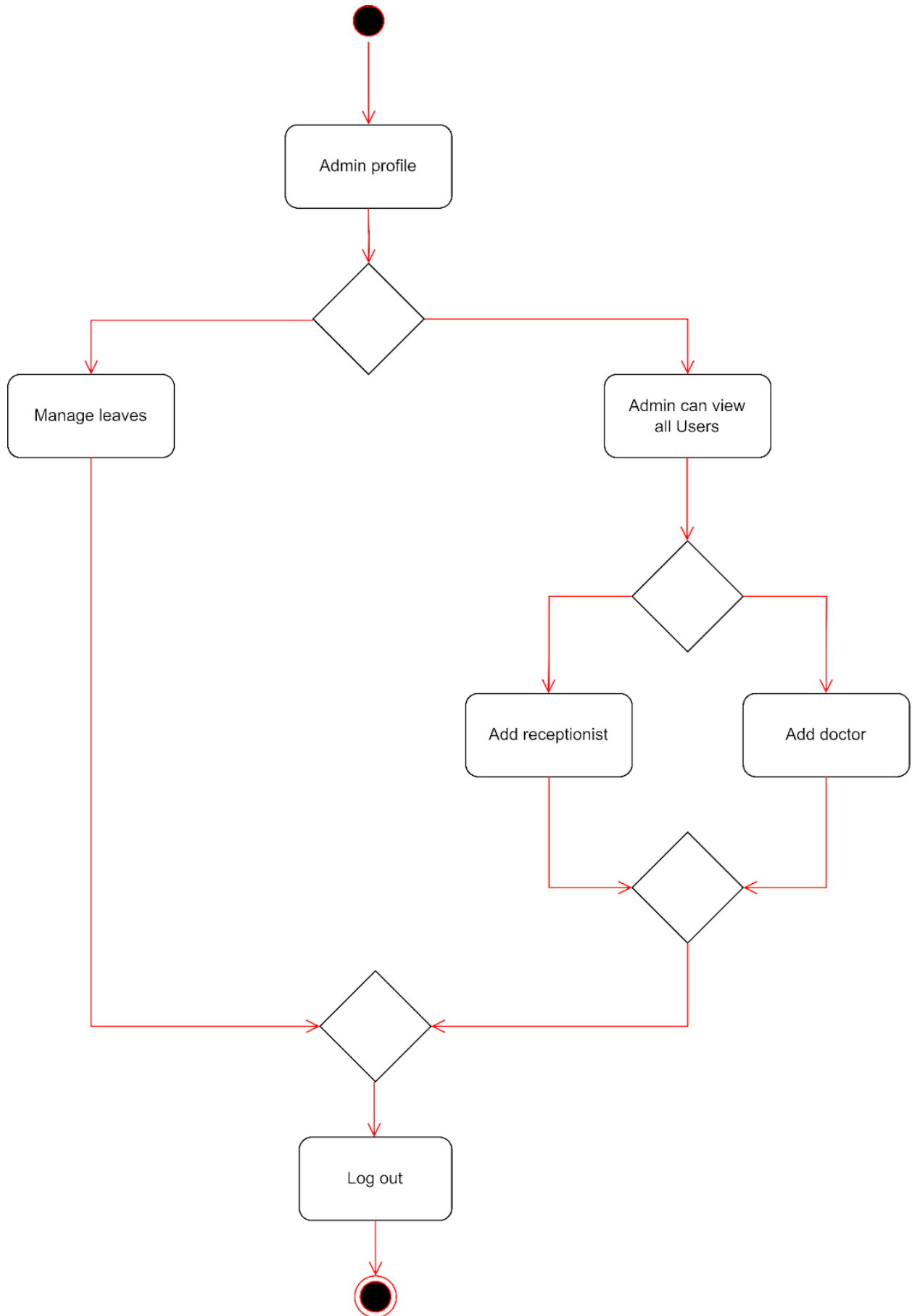
Develop reporting and analytics features.

### Conditions:

Admin must login with his credentials.

Admin panel designed and approved.

User management and reporting functionalities are operational.



### **Sprint 3: Patient Functionality**

#### Activities:

Design patient registration forms.

Develop patient record management.

Implement appointment scheduling for patients.

#### Actions:

Designing patient registration forms and patient dashboard.

Creating functionality to add/edit patient information.

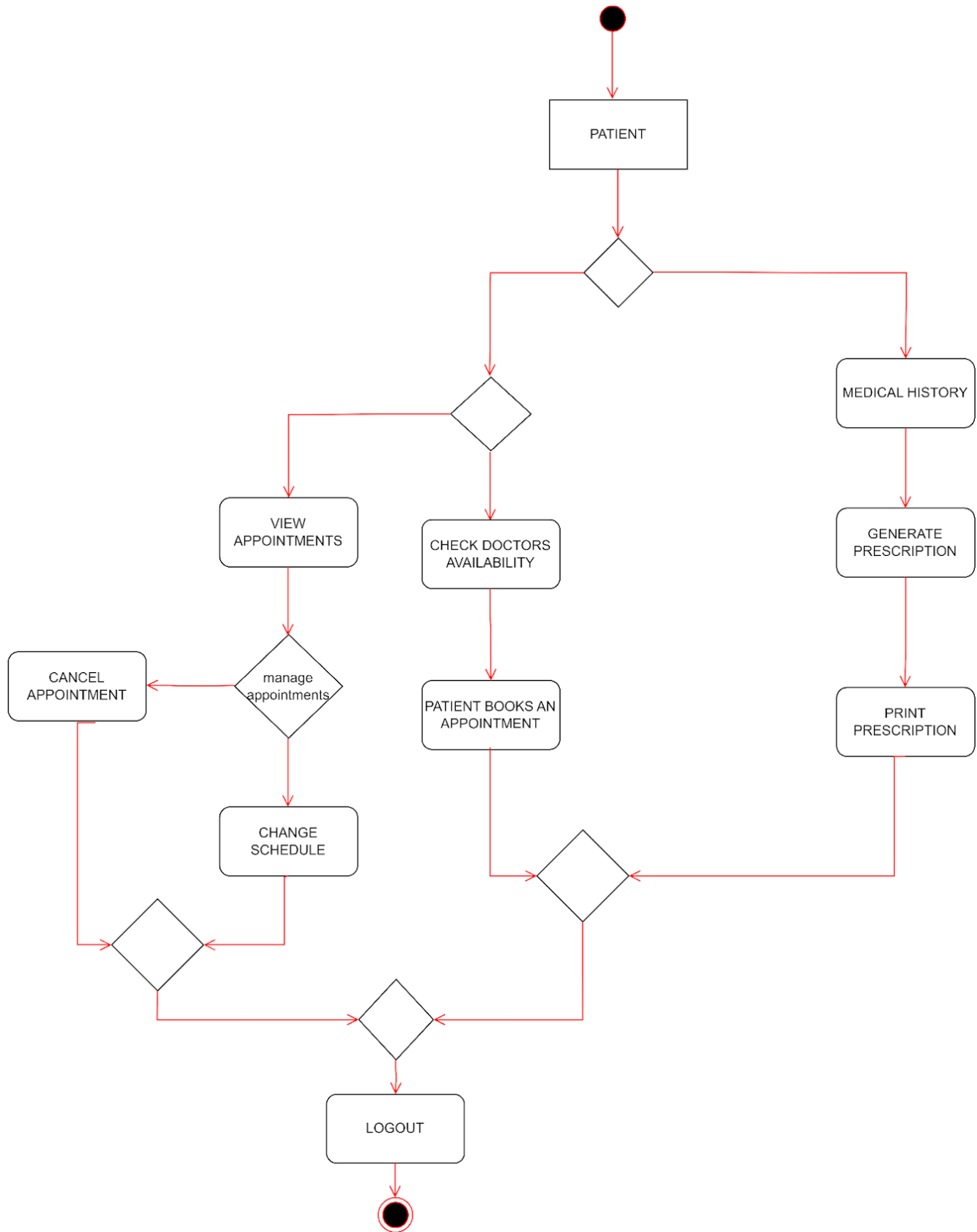
Developing appointment scheduling features.

#### Conditions:

Patient must login with his credentials.

Patient registration forms and patient dashboard designed.

Patient record management and appointment scheduling functional.



## **Sprint 4:** Doctor Functionality

### Activities:

Design the doctor's interface.

The doctor is viewing patient records.

The doctor is able to update medical records.

### Actions:

Designing the doctor's dashboard and patient record view.

Implementing functionality for doctors to access patient data.

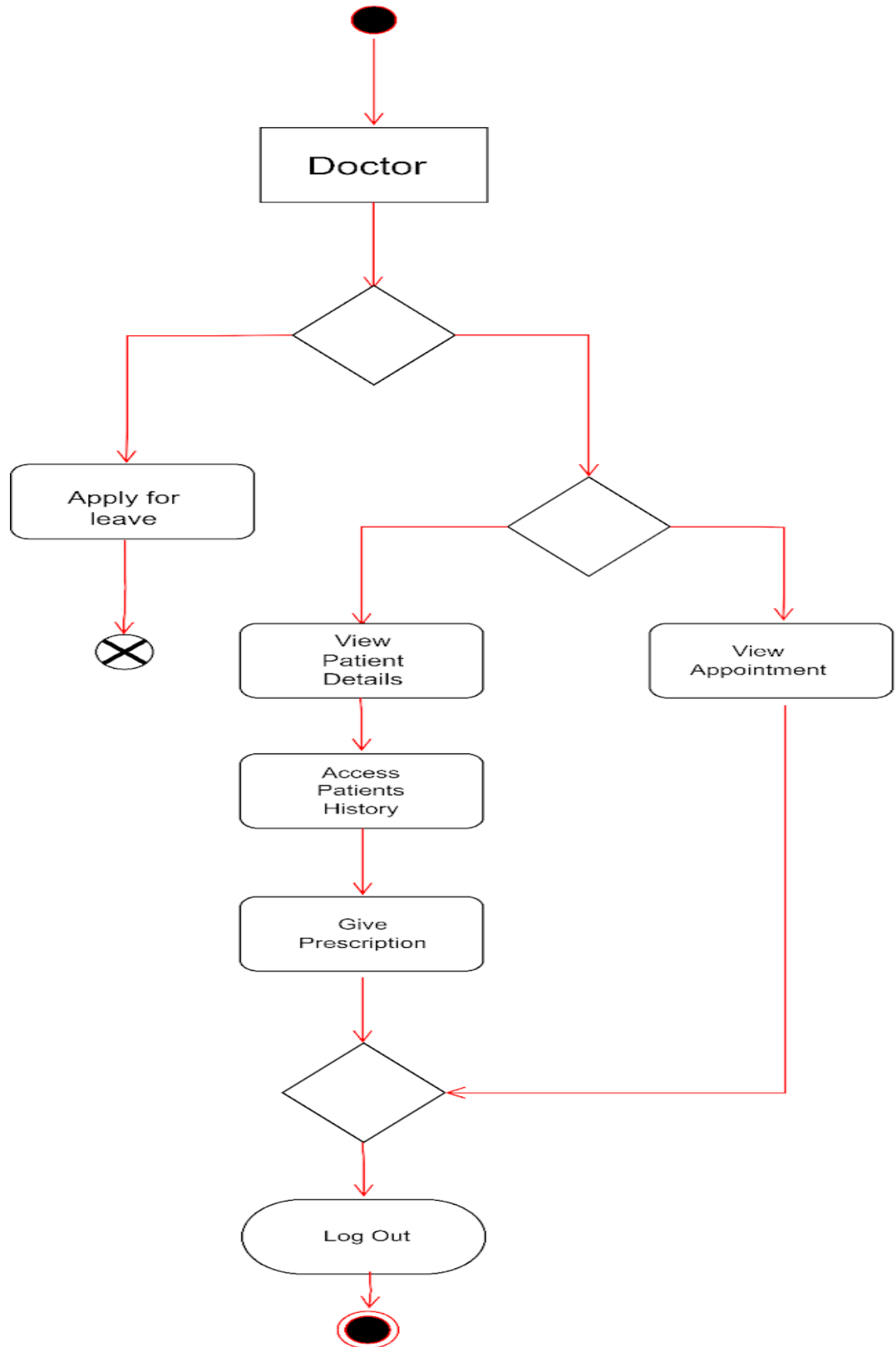
Developing features for doctors to update medical records.

### Conditions:

Doctor must login with his credentials.

Doctor's interface designed and approved.

Doctors can view and update patient records.





## **Sprint 5: Receptionist Functionality**

### Activities:

Design the receptionist's interface.

Implement appointment scheduling and check-in for patients.

Managing patient queues.

### Actions:

Designing the receptionist's dashboard and appointment scheduling interface.

Implementing functionality for scheduling patient appointments and managing queues.

### Conditions:

Receptionist must login with his credentials.

Receptionist's interface designed and approved.

Receptionists can schedule appointments and manage patient queues.

