

## ACTIVITY DIAGRAM

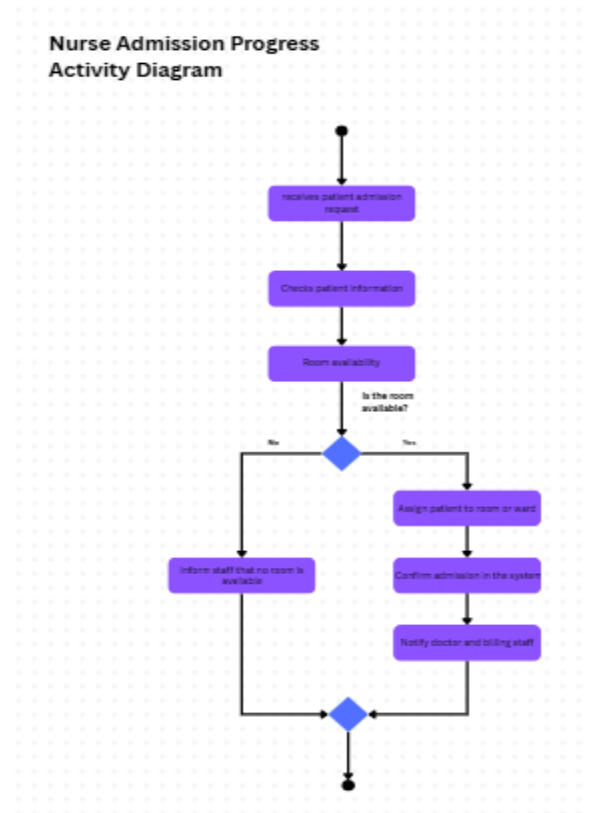


Figure 1: Nurse Admission Progress Activity Diagram

**Decription:** This workflow begins when the system receives a patient admission request. The next step is to check the patient's information for completeness and validity. Following this, the system checks room availability.

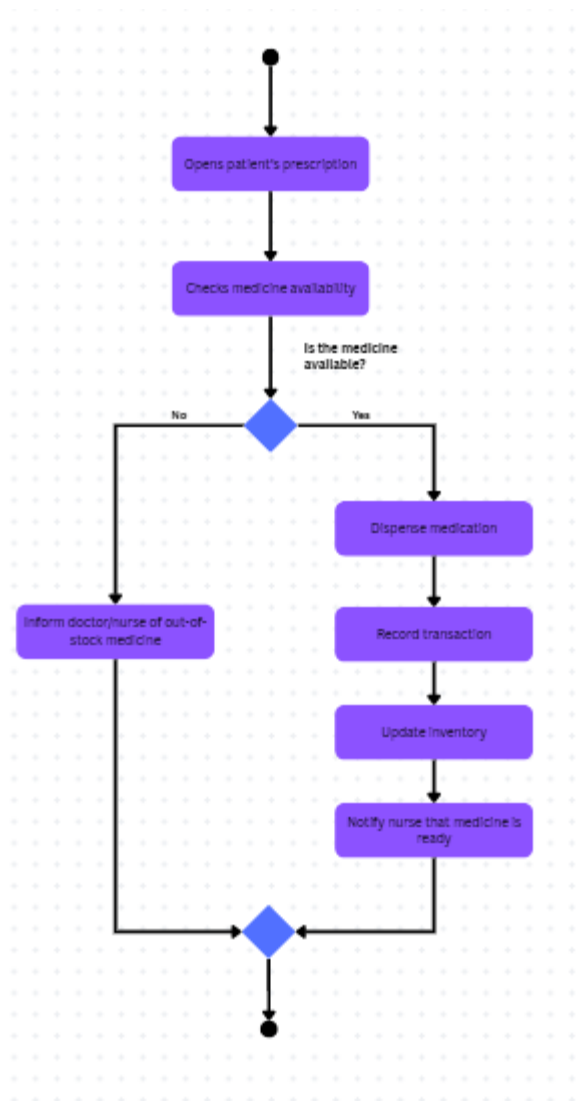


Figure 2: Pharmacist Medication Progress Activity Diagram

**Description:** The process starts when a pharmacy or nurse opens the patient's prescription. The system then checks whether the prescribed medicine is available in inventory.

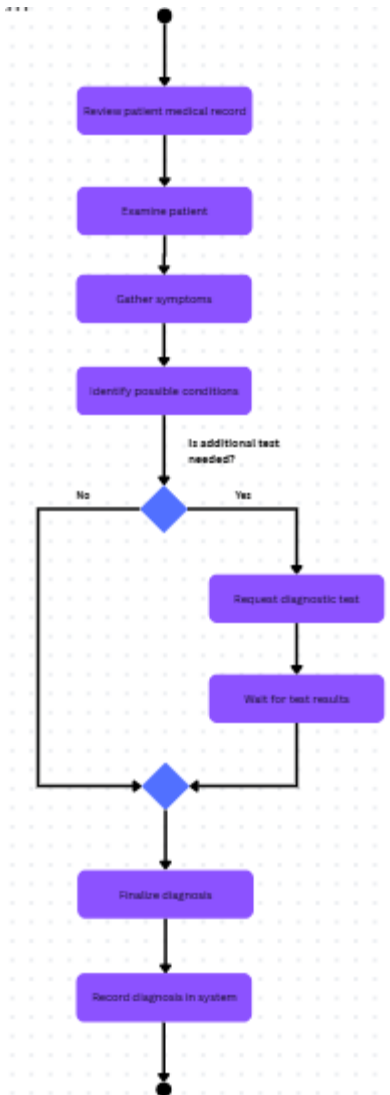


Figure 3: Doctor Consultation Process Activity Diagram

**Description:** This workflow supports the physician’s diagnostic journey. It begins with reviewing the patient’s medical record, followed by a physical examination and gathering of current symptoms. Based on this, the clinician identifies possible conditions.



Figure 4: Billing Staff Billing Process Activity Diagram

**Description:** This diagram outlines the steps to generate an accurate billing statement. The process starts by opening the patient's record in the billing system and reviewing all listed services and items rendered during their stay or visit.

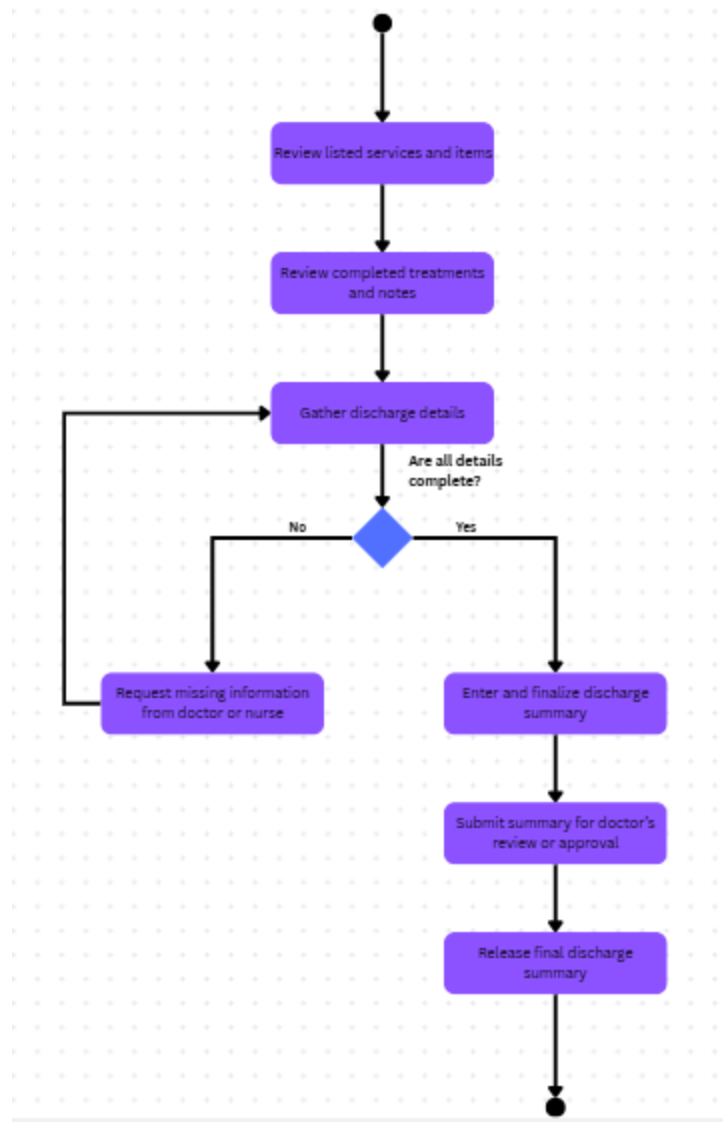


Figure 5: Healthcare Staff Discharge Process Activity Diagram

**Description:** This workflow manages the formal discharge of a patient. It begins with reviewing all listed services and completed treatments along with clinical notes. Next, discharge details are gathered (e.g., medications, follow-up instructions, recovery plan).



Figure 6: User Management Process Activity Diagram

**Description:** This workflow begins when the system opens the User Management module. The next step is to display the list of existing system users. The user then selects an action type, which can be one of three options: Deactivate User, Update User, or Add User.