Prescription and Billing Workflow

Doctor	Sytstem	Pharmacy	Billing/Insurance

Pool

- Log into Medalyze
- Open patient record
- Enter new prescription details
- Validate prescription format (drug codes, dosage, patient ID)
- Is prescription valid?
  - No → Show error → Edit prescription details
  - Yes → Transmit e-prescription to Pharmacy → Receive prescription
- Medicine in stock?
  - No → Notify system → Alert doctor
- Dispense medicine
- Send billing information to Medalyze
- Forward billing data to Insurance Dept.
- Is the patient insured?
  - Yes → Validate claim and approve payment
  - No → Request direct payment from patient
- Send payment confirmation and prescription completion to doctor & patient