

Hospital Management System Workflow

1. Patient Registration

- Patient arrives and provides details.
- System generates Patient ID.
- Patient profile created.

2. Appointment Scheduling

- Check doctor availability.
- Book appointment date & time.
- Appointment confirmation generated.

3. Doctor Consultation

- Patient meets doctor with Appointment ID.
- Doctor records diagnosis & prescriptions.

4. Laboratory & Diagnostic Tests

- Lab conducts tests.
- Results uploaded.
- Doctor reviews results.

5. Pharmacy

- Medicines issued based on prescription.
- Inventory updated.

6. Admission & Inpatient Management

- Room/ward allocated.
- Daily vitals, medication & treatment recorded.

7. Surgery / Operation Theatre

- Pre-surgery checklist.
- Surgery performed.
- Post-surgery monitored.

8. Billing & Payment

- System calculates all charges.
- Final invoice generated.
- Payment processed.

9. Discharge Process

- Discharge summary prepared.
- Patient receives reports & medicines.

10. Follow-Up

- Feedback collected.
- Follow-up appointment scheduled.