State Diagram of Hospital Management System

- Registration
- Assign Doctor
- Suggest Treatment
- Need to admit?
  - Yes → Check Room Availability
  - No → Pay Bill
- Check Room Availability
- Allocate Room
- Assign Staff
- Need to Operate?
  - Yes → Assign Doctor → Assign Operation Theater → Perform operation
  - No → Give Treatment
- Give Treatment
- Is to discharge?
  - No → Give Treatment
  - Yes → Pay Bill
- Pay Bill
- Print Receipt