



National University
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Assignment No: 2

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Classes:

HMS

Billing

Reception

Staff

Patient

Pharmacy

Test

Doctor

Nurse

Laboratory

Receptionist

Prescription

Possible Associations:

- The HMS System consists of Register, Staff Module, Patient module, Reception and Lab Machinery.
- Register module consists of basic patient info such as user credentials
- The Staff module is comprised of Doctors, Nurse, Laboratory and Pharmacy and Administrative module.
- Patient consists of Test_Report which has test_id and other basic info.
- Tests are ordered by the doctors.
- Doctor advises medicine via generating prescription
- The Laboratory gets the tests and sends back the report.
- Receptionist and Patient are derived from Reception.
- Cashier Handles Billing.

Class Diagram

