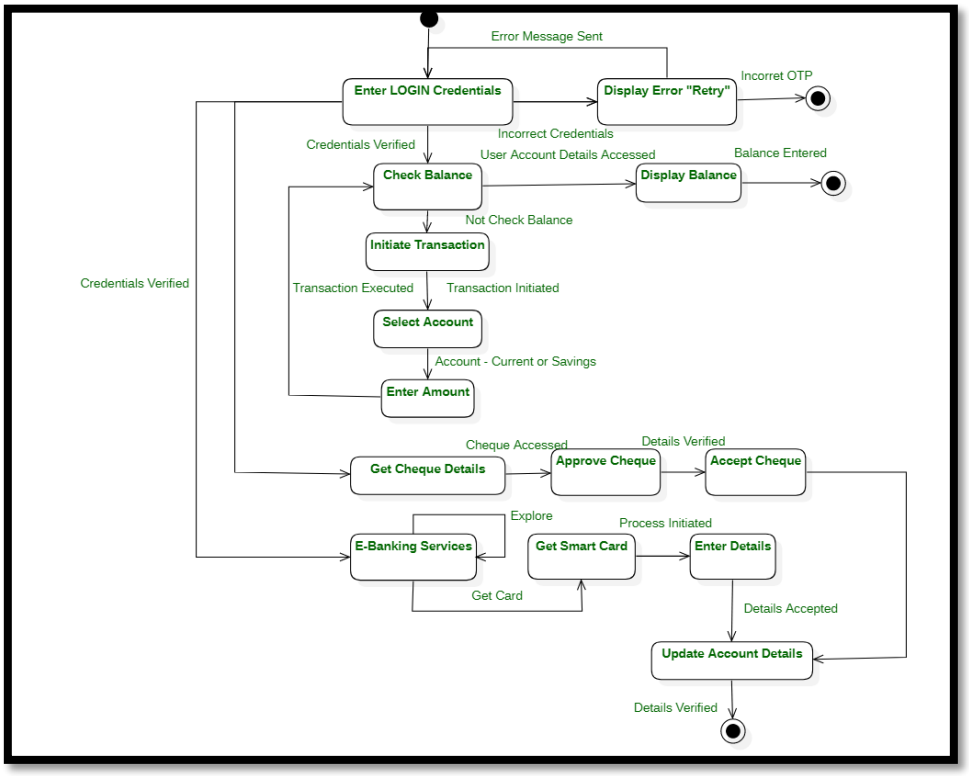
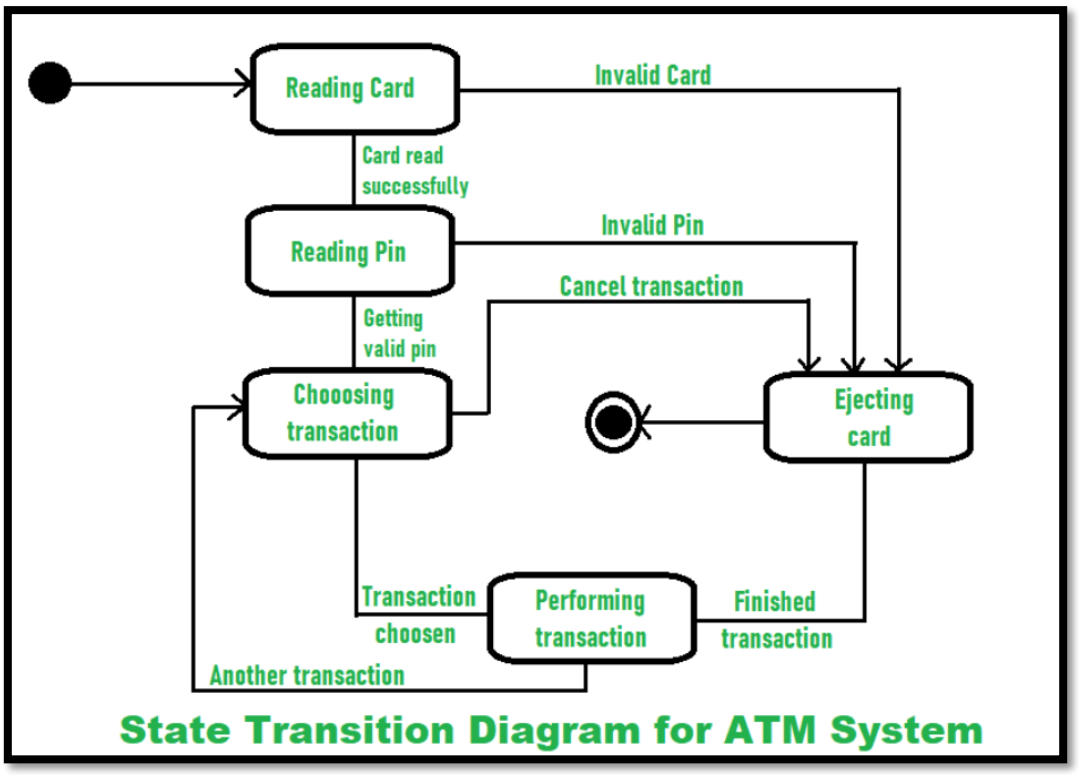
STATE TRANSITION DIAGRAM:

SOLID CIRCLE : INITIAL STATE, ROUNDED RECTANGLE : STATES,

SOLID CIRCLE WITH CIRCLE : END STATE, ARROW : TRANSITION EVENTS

ARROW MESSAGE : TRIGGER





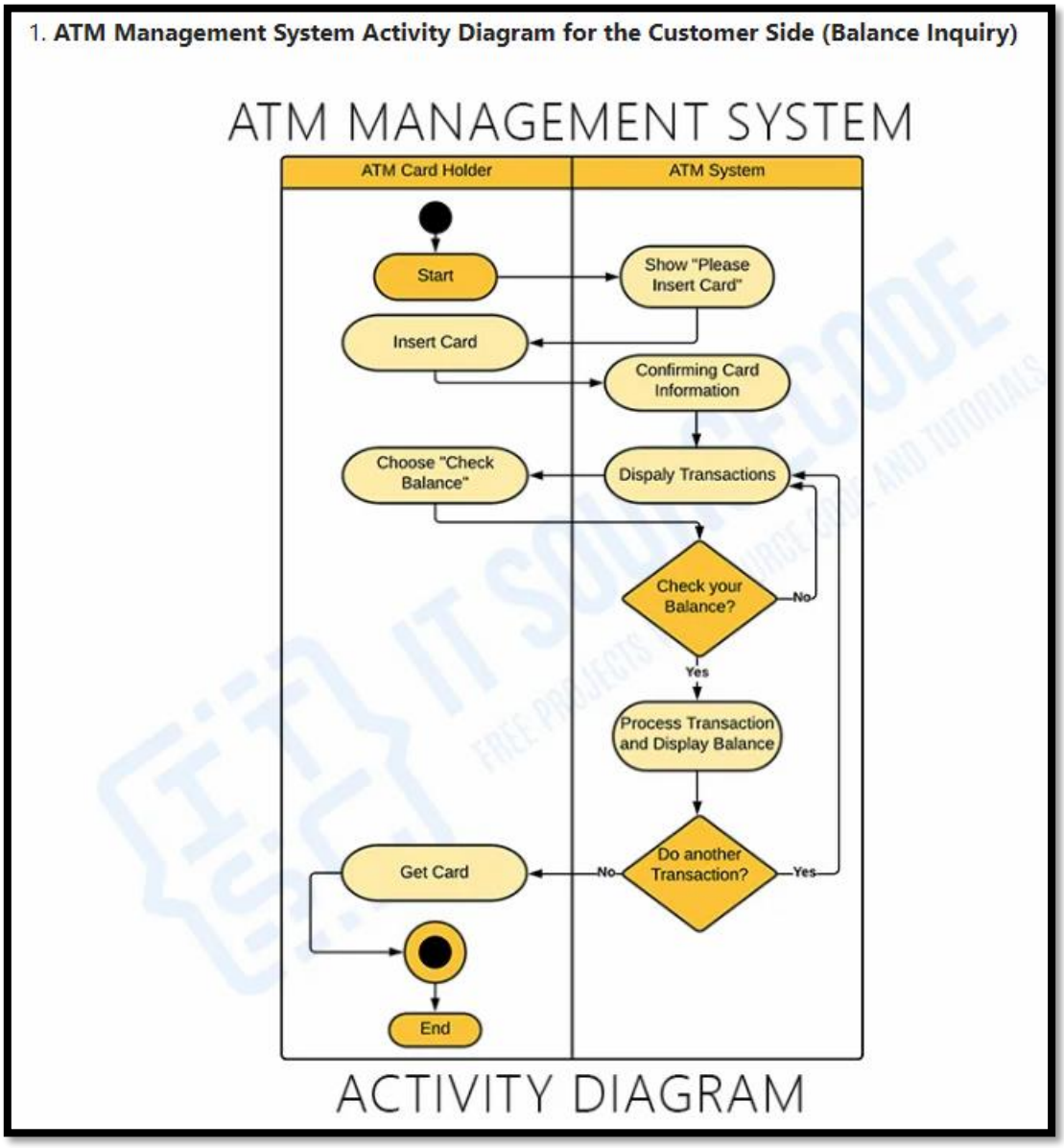
ACTIVITY DIAGRAM:

SOLID CIRCLE : INITIAL STATE, ROUNDED RECTANGLE : ACTIVITY,

SOLID CIRCLE WITH CIRCLE : END STATE, ARROW : ACTION FLOW, DIAMOND : DECISION SYMBOL,

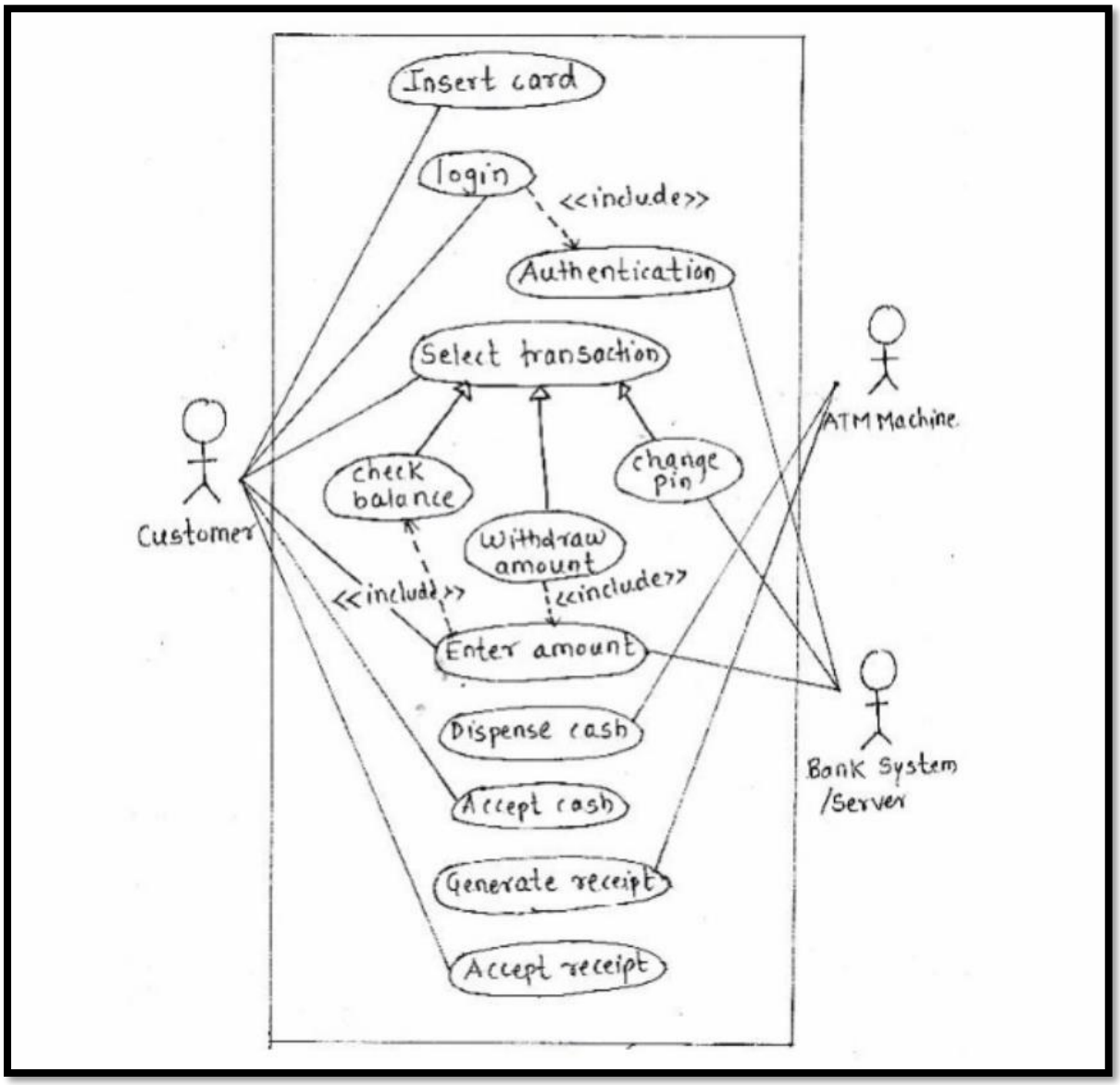
GUARD SYMBOL : YES/NO

1. **ATM Management System Activity Diagram for the Customer Side (Balance Inquiry)**

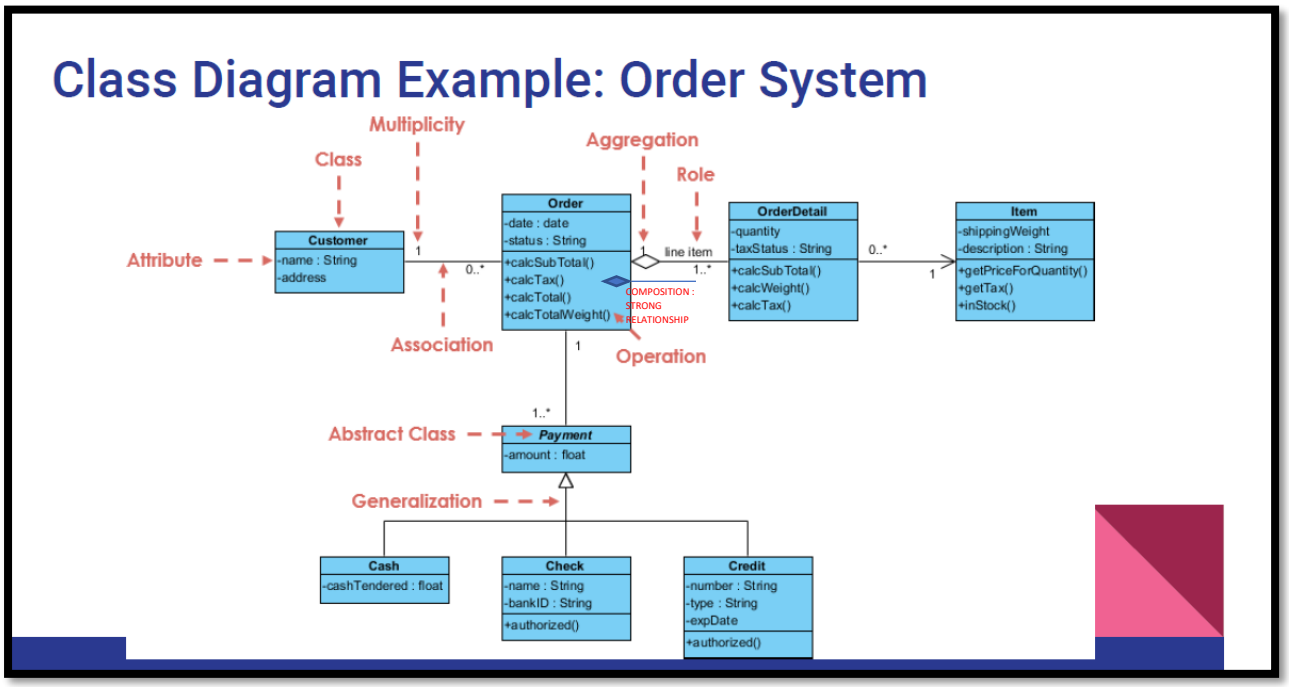


UML : USE CASE DIAGRAM

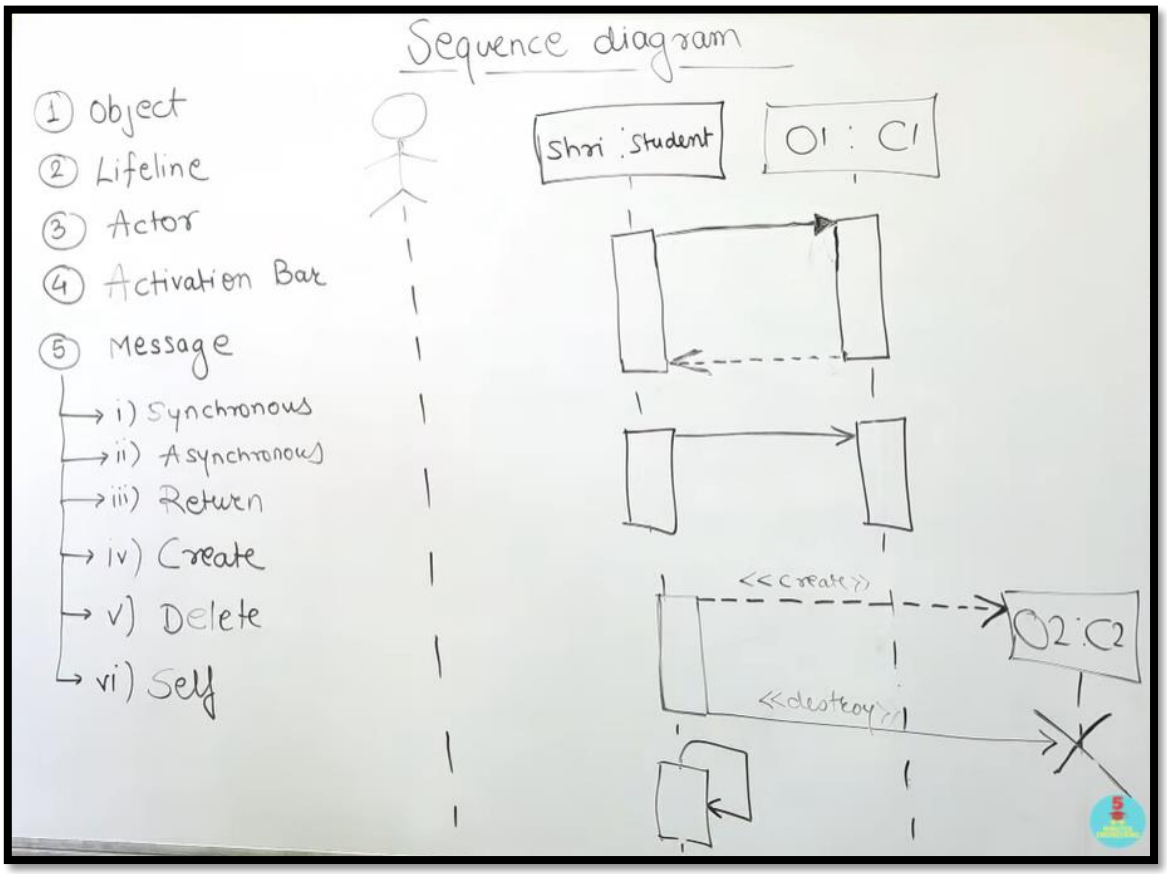
STICK FIGURE : ACTOR, OVAL : USE CASES, OUTTER BOX : SYSTEM BOUNDARY, DOTTED ARROW : DEPENDENCY, ARROW WITH TRIANGLE : INHERITANCE, NORMAL LINE : ASSOCIATION

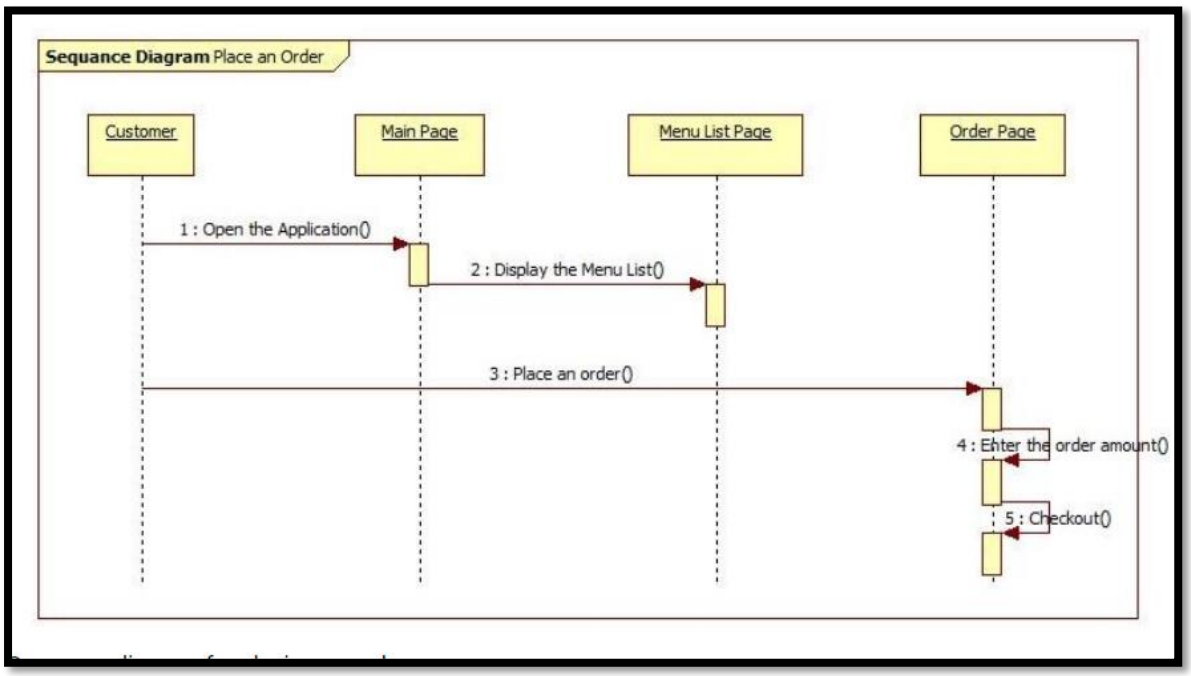


CLASS DIAGRAM

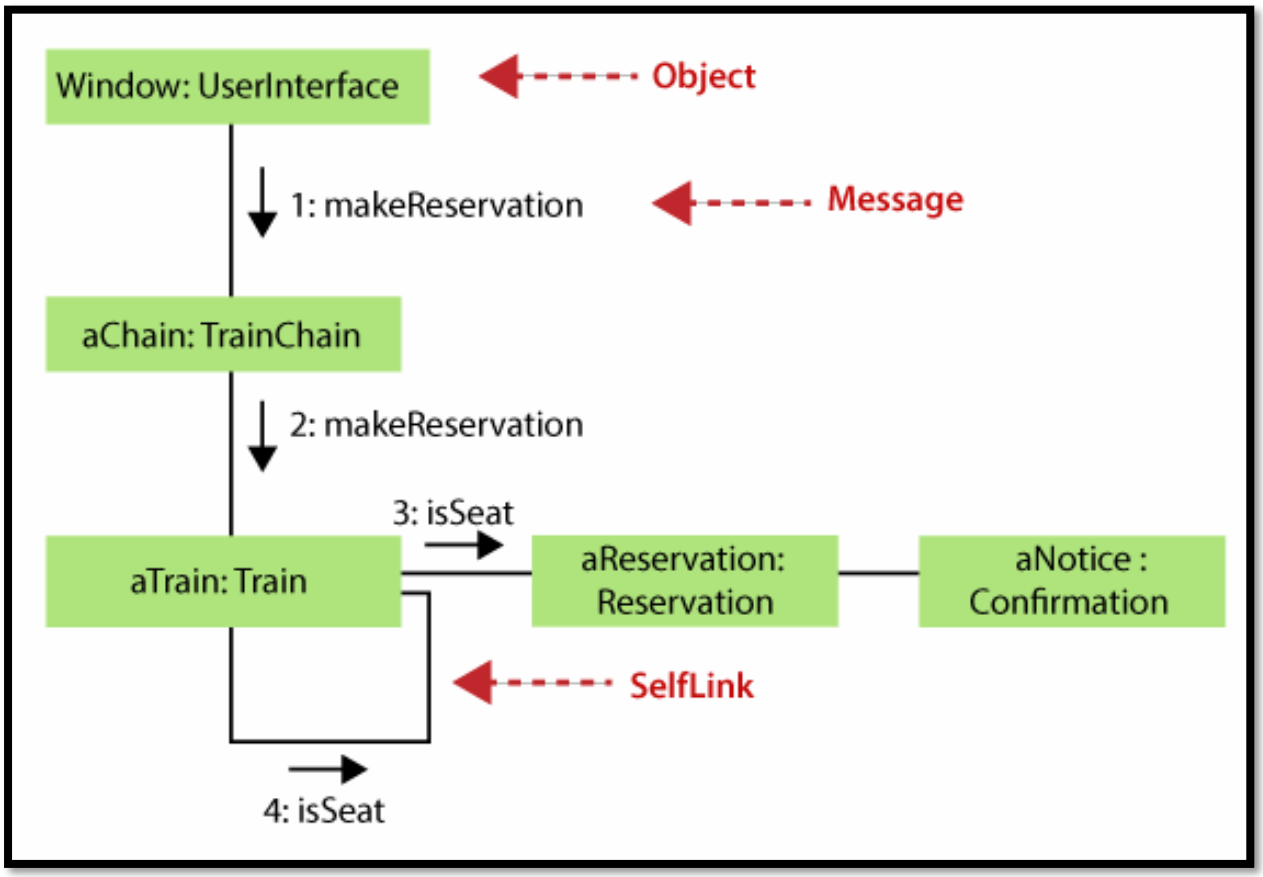


SEQUENCE DIAGRAM

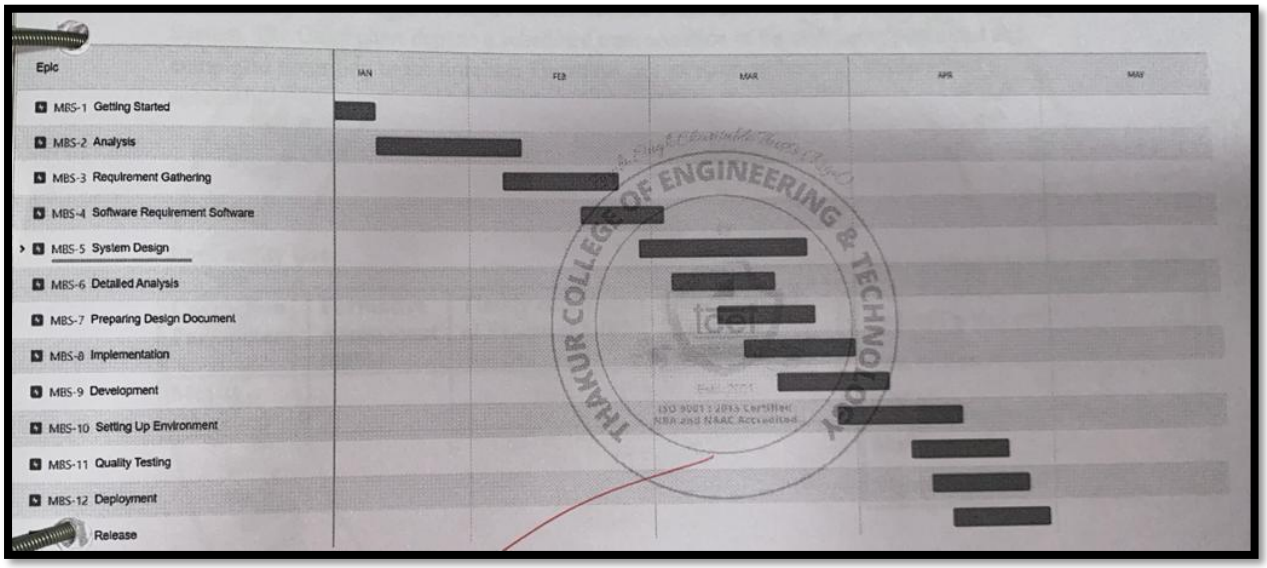




COLLABORATION DIAGRAM



TIMELINE CHART



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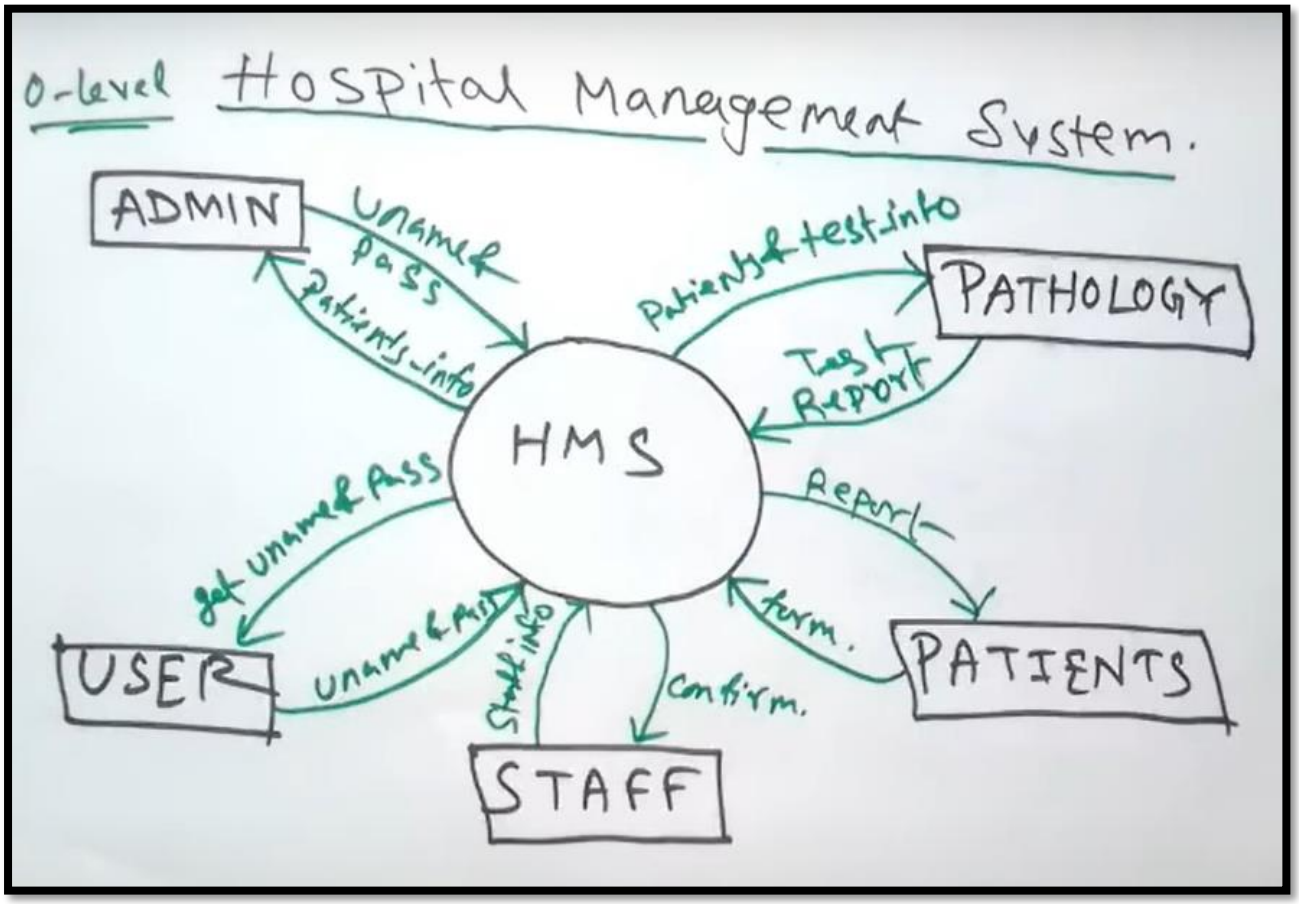
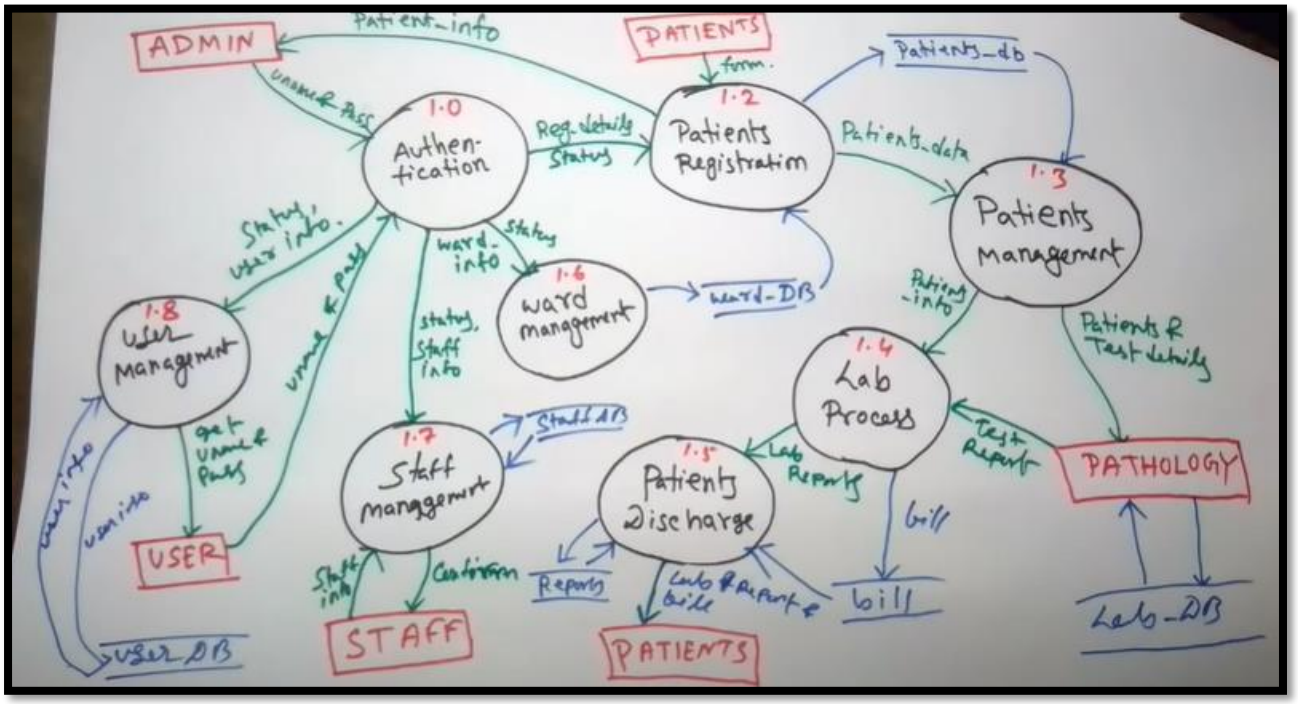
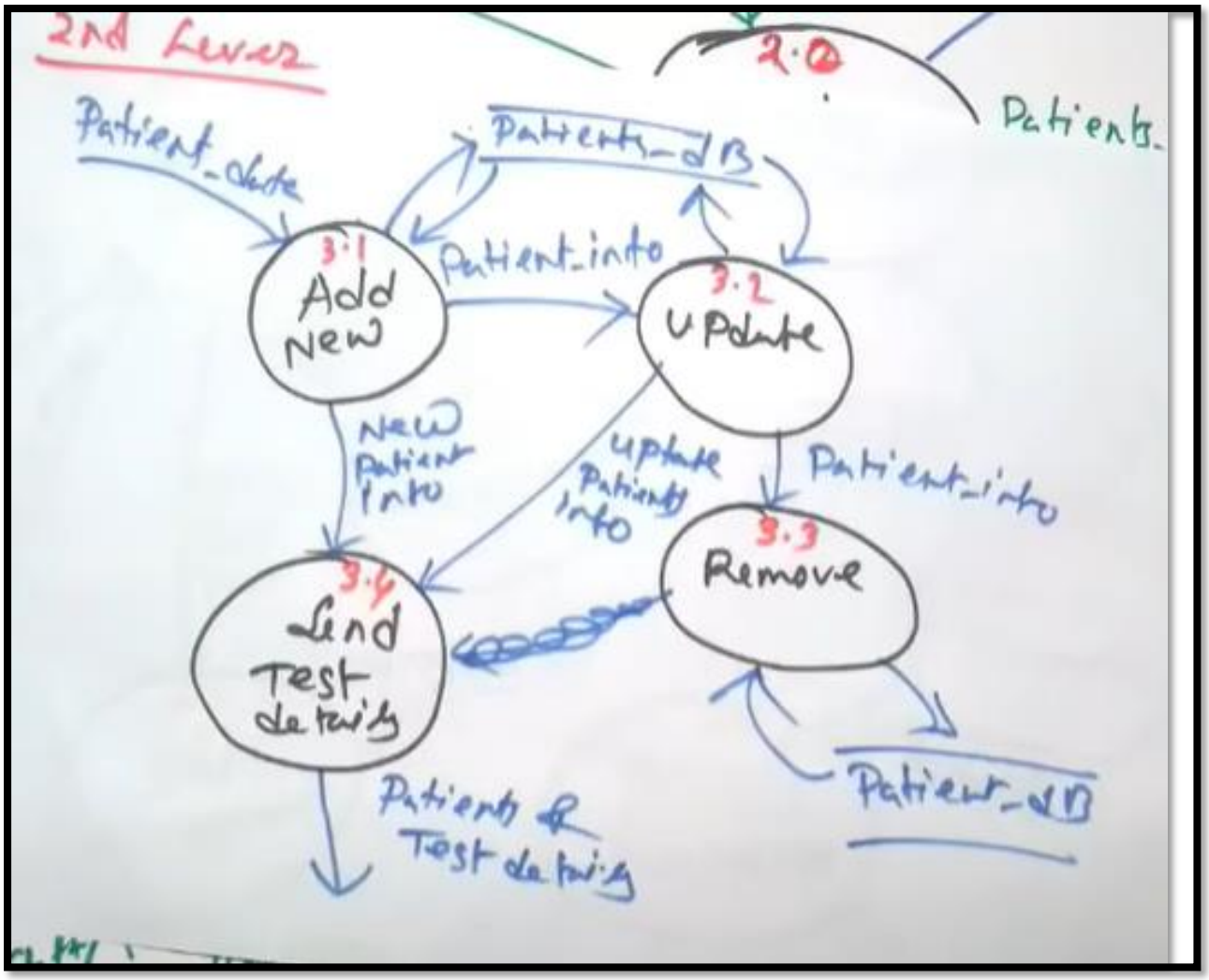

0-level Hospital Management System.
ADMIN
Uname & pass
Patients_info
Patients & test_info
PATHOLOGY
Test Report
HMS
Report
get uname & pass
USER
uname & pass
Staff info
confirm.
form.
PATIENTS
STAFF


ADMIN
Patient_info
PATIENTS
form.
Patients_db
uname & pass
1.0
Authen-tication
Reg. details
Status
1.2
Patients Registration
Patients_data
1.3
Patients Management
Status, user info.
ward_info
status
1.6
ward management
ward-DB
Patients_info
Patients & Test details
1.8
User Management
uname & pass
status, Staff info
1.4
Lab Process
get uname & pass
1.7
Staff management
Staff DB
1.5
Patients Discharge
Lab Reports
Test Report
PATHOLOGY
user info
user info
USER
Staff info
Confirm
Reports
Lab & Report & bill
bill
bill
Lab-DB
User DB
STAFF
PATIENTS


2nd Level
2.0
Patients
Patient_data
Patients_DB
3.1
Add New
Patient_info
3.2
Update
New Patient Info
Update Patients Info
Patient_info
3.3
Remove
3.4
Send Test data
Patient_DB
Patients & Test data