PHARMACY MANAGEMENT

A Platform to manage all task of a pharmacy to automate its work. The system will manage stocks of machines and medicines in order to never run out of stock also manage apparatus given on rent to customer and manage the payment due also manage special/Premium customers to provide them with special discounts automatically on bill generation. Bill generation on regular purchase also an admin panel to manage shifts of employees ,sales and also generate balance sheets.

KARTIK AGARWAL   (171B056)

AYUSH SRIVASTAVA (171B041)

KARTIKEY CHANDRA (171B058)

PROJECT NAME – PHARMACY MANAGEMENT

ACTOR – EMPLOYEE , OWNER (ADMIN)

SOFTWARE REQUIREMENT SPECIFICATION BY USER –

- Admin can login and have full control.
- Employees can generate bills , manage lent apparatus.
- Owner can generate balance sheets.
- Owner can manage stock of medicine and apparatus.
- Owner can manage shifts of employees.
- All major function are directed to database.

DELIVERABLES –

- Admin can login to database by SQLite3.
- Employees can generate bills , manage lent apparatus with Swing as an User Interface.
- Stock management , balance sheet generation,management of shifts are controlled by Owner (Admin).
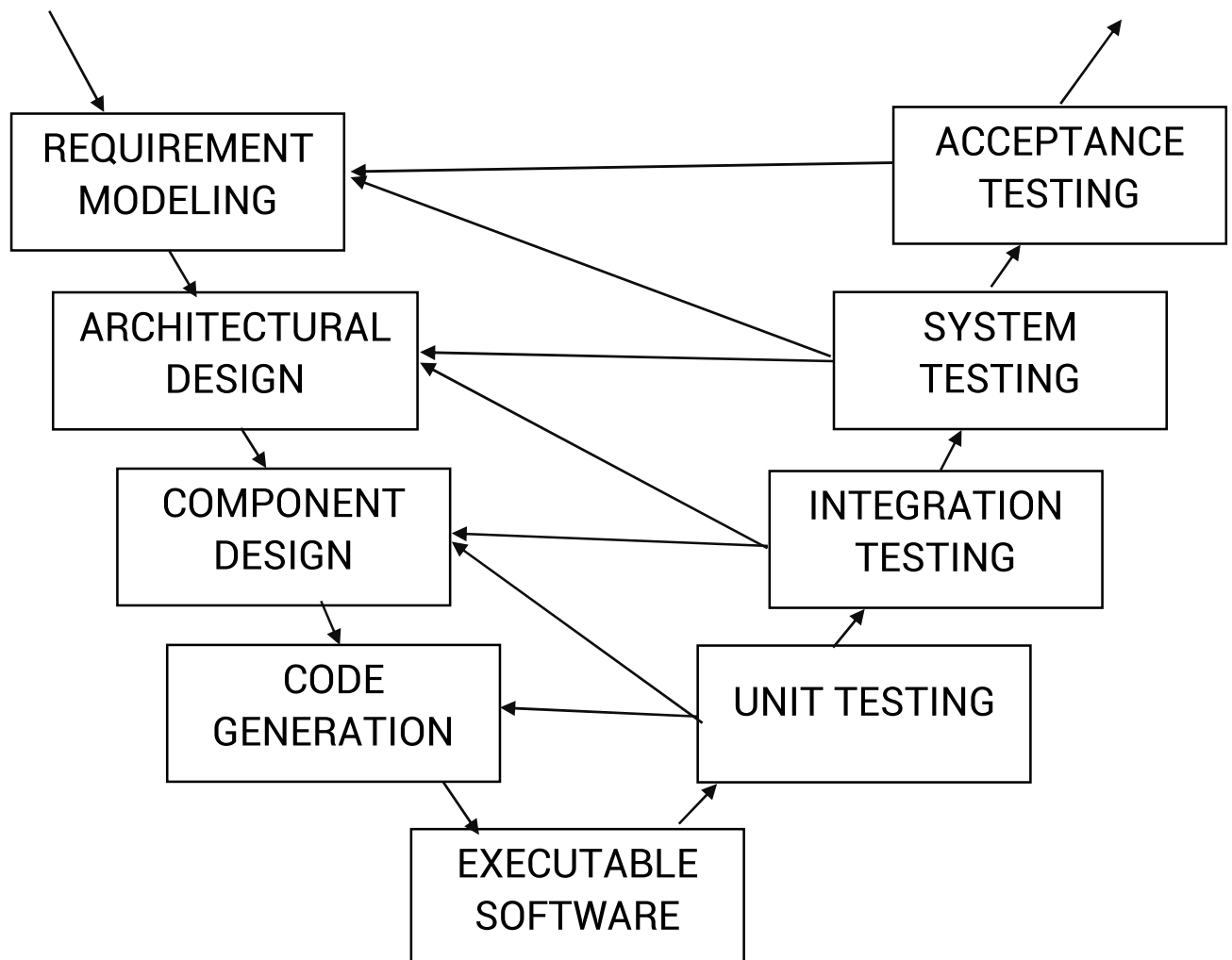
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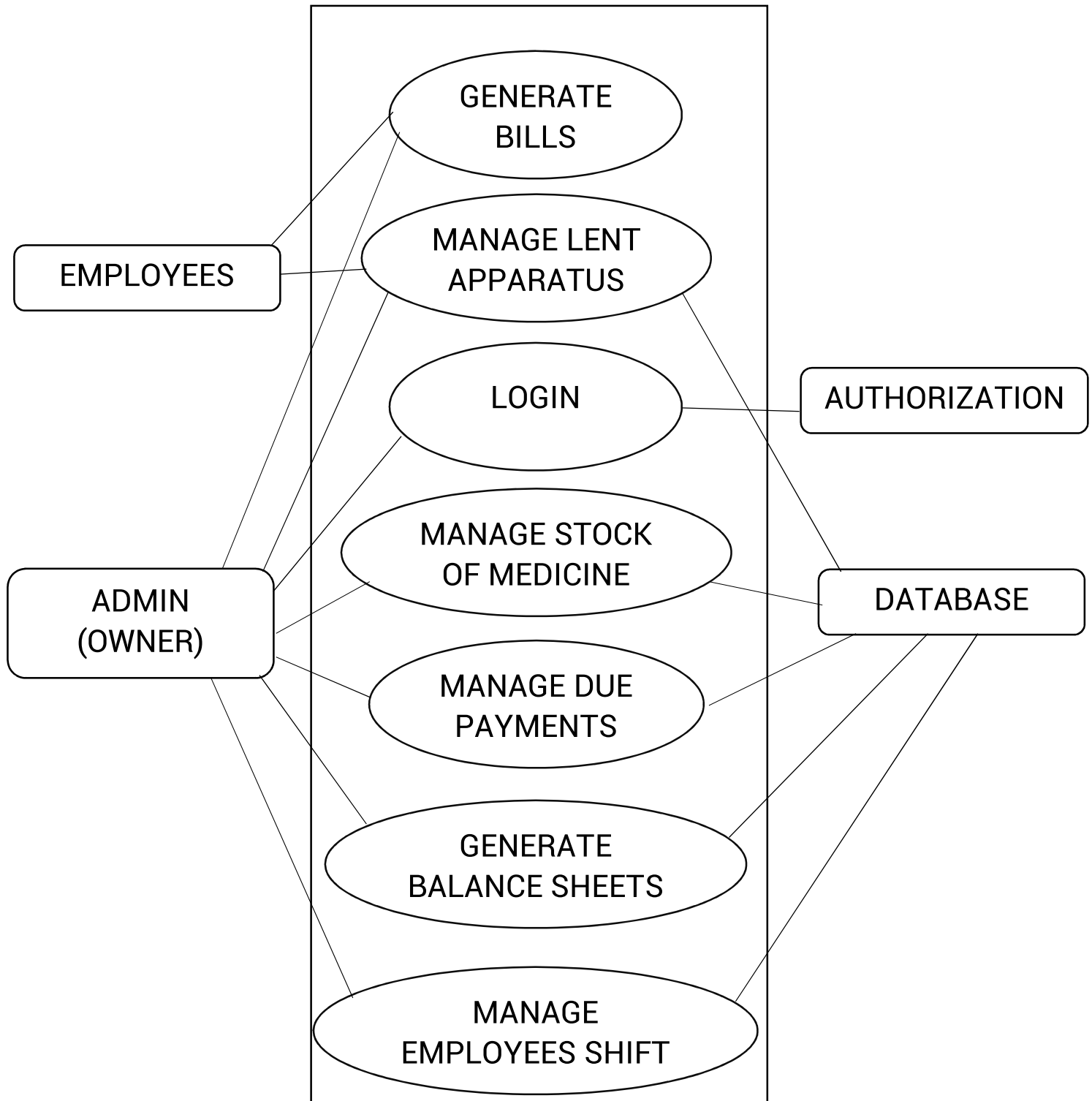
PROJECT PROCESS IDENTIFICATION

OBJECTIVE – Obtain deep understanding of process model & software processes.
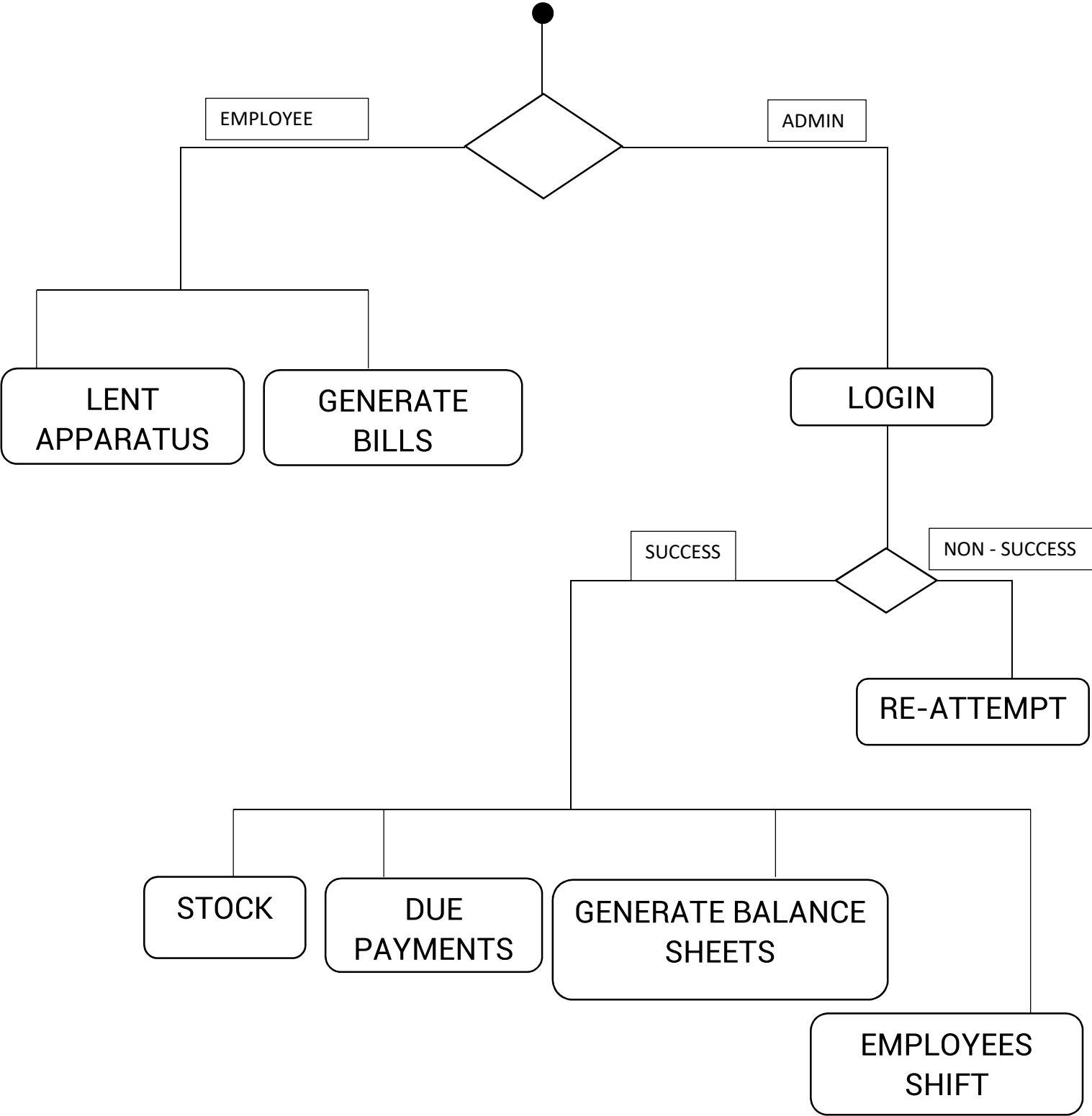
 SOFTWARE MODEL USED - V-MODEL

The process involves moving from requirement identification down to code generation and then the testing phase begin.

PHARMACY

ACTIVITY DIAGRAM

EMPLOYEE

ADMIN

LENT APPARATUS

GENERATE BILLS

LOGIN

SUCCESS

NON - SUCCESS

RE-ATTEMPT

STOCK

DUE PAYMENTS

GENERATE BALANCE SHEETS

EMPLOYEES SHIFT

DATA FLOW DIAGRAM

EMPLOYEES

GENERATE BILLS

LENT APPARATUS

ID | BILL DATABASE

ID | APPARATUS DATABASE

ADMIN

LOGIN

ID | USER DATABASE

MANAGE STOCK

GENERATE BALANCE SHEETS

EMPLOYEE SHIFTS

ID | STOCK DATABASE

ID | EMPLOYEES DATABASE