Contact Management System

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Introduction to the Project

The Contact Management App helps to save and organize contacts easily. You can add, edit, delete, and find contacts with details like name, phone, and email. Group them into categories. Mark favorites for quick access. Import and export contacts using CSV files and avoid duplicates. The simple menu makes it easy to sort and search. It is designed for future upgrades like social media links. Built with smart coding, it is reliable and easy to use.

Technology Stack - Overview

- **Frontend Framework:** HTML,CSS,JAVA-SCRIPT
State Management:
Redux, Context API
- **Backend Framework**:
- JAVA
- **Database**:
 PostgreSQL, MySQL (SQL)
- **Authentication**:
 JWT
- **Containerization**:
Docker
ADDITIONAL:springboot

Model Component

- Represents the data and logic of the application.
- **Function:** It defines how the data is stored and how to retrieve, add, update, or delete it.
- In the Contact Management System, the Model will represent the contact data such as Name, Email, Phone number, etc.

View Component

- The presentation layer that displays the data.
- **Function:** It defines how the data is presented to the user and how the user interacts with it.
- In the Contact Management System, the View could be the contact list, individual contact details page, or forms to add/edit contacts.
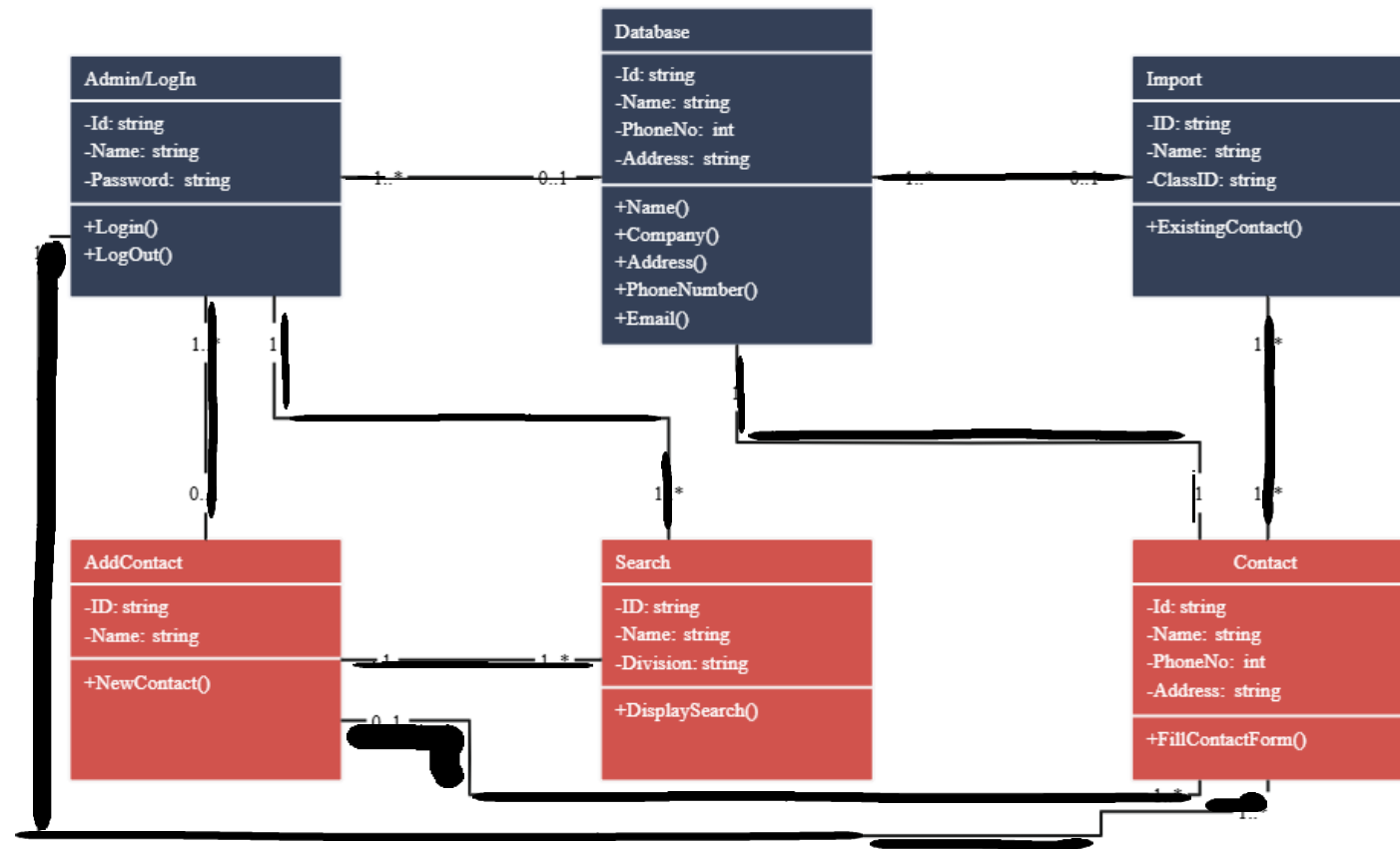
Advanced features:

1.Favorites

2.Recent contacts
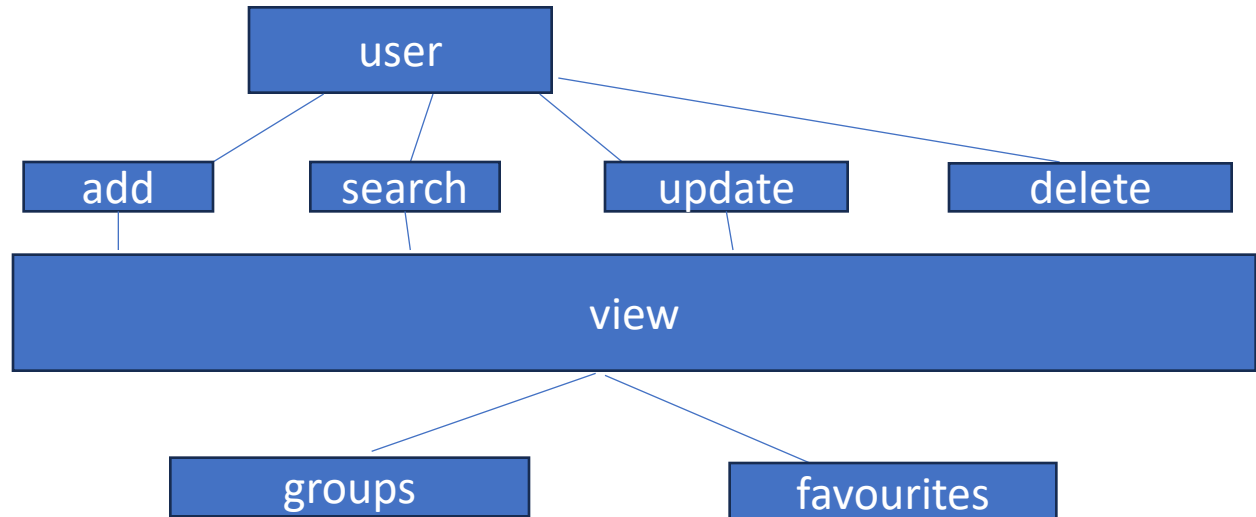
3.Duplicate detection

4.Back-up and restore

User interface (UI) features

- Sorting: Sort contacts by name, date added, or last modified.

- Filtering: Filter contacts by group, favorites, or other criteria.

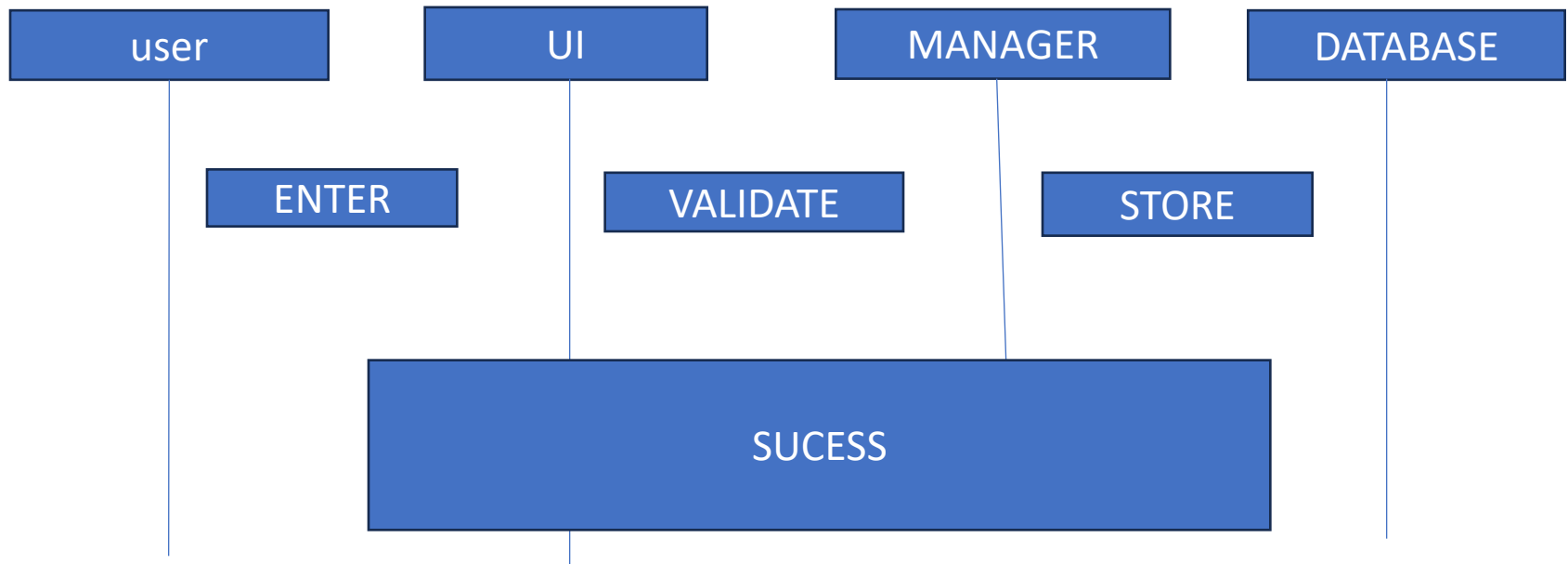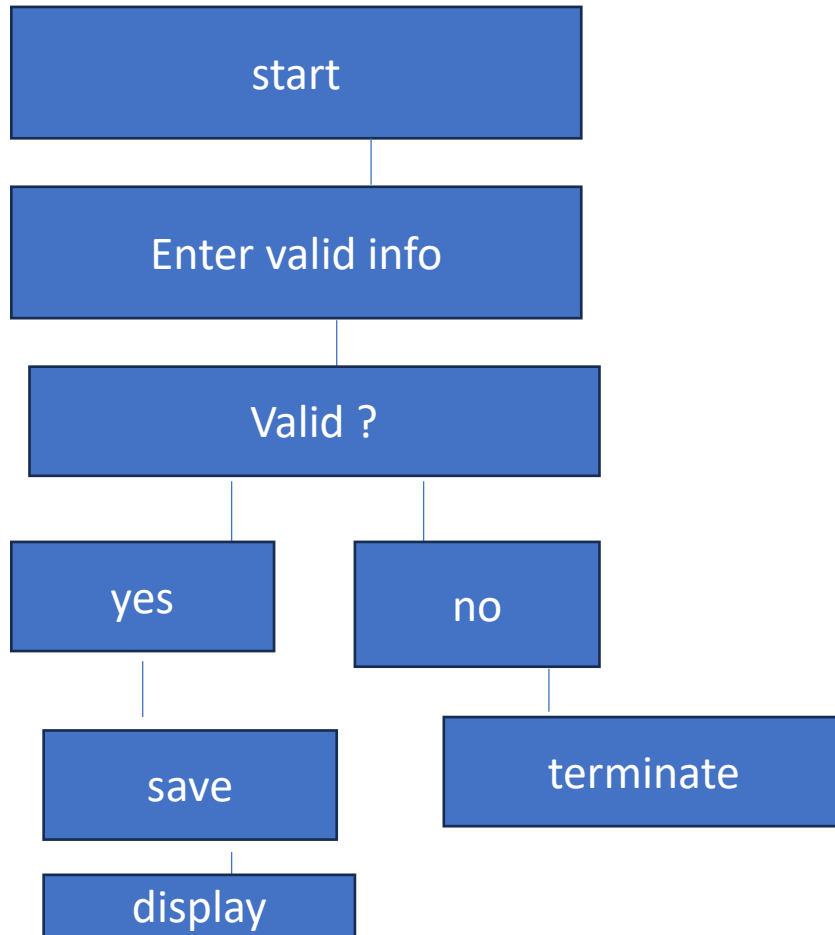- Pagination: Display contacts in pages for better usability

Class Diagram

- USE-CASE DIAGRAM

- # INTERACTION DIAGRAM

| user | UI | MANAGER | DATABASE |

| ENTER | VALIDATE | STORE |

SUCESS

ACTIVITY DIAGRAM

ROLES

- Yashitha- frontend
- Deepthi-backend
- Jayathi-code
- Aneeshwa-ppt's

THANK YOU