Contact List Manager

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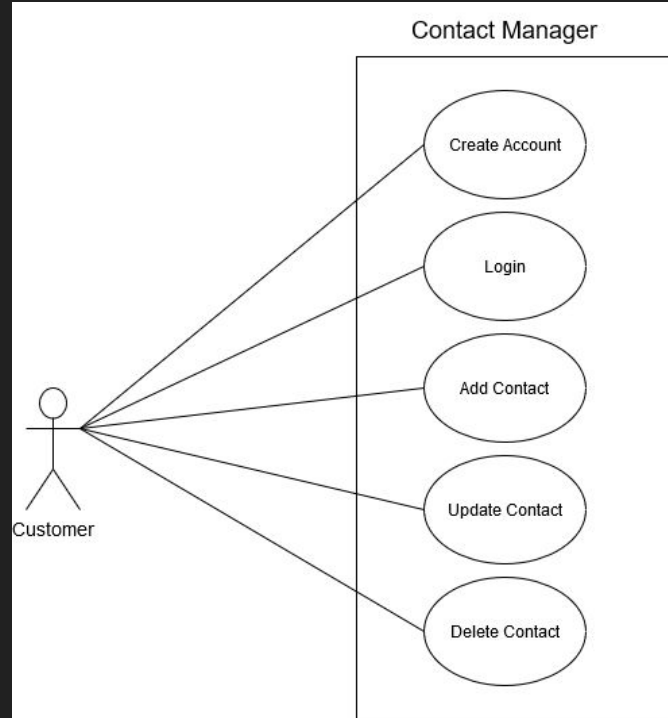Tristan P.
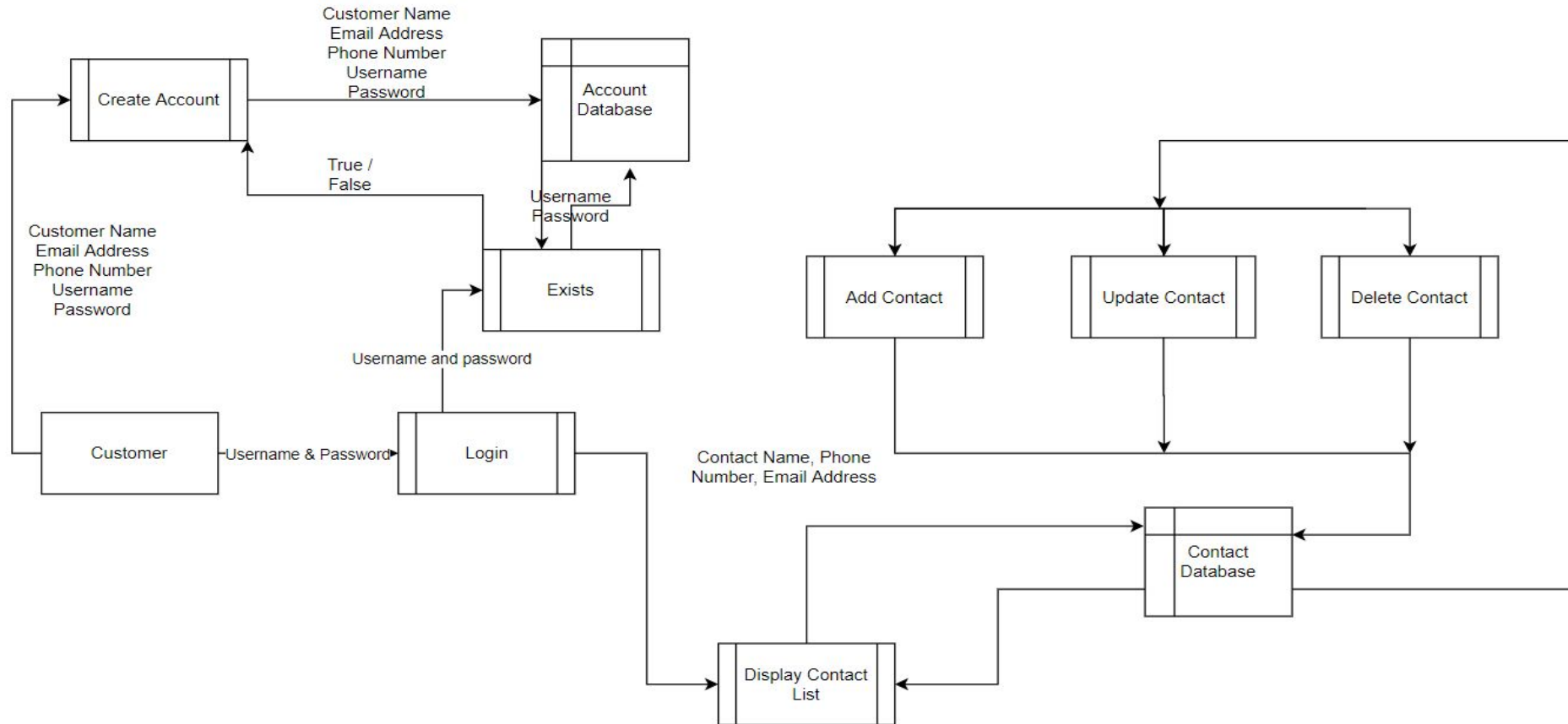Rohit R.
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Introduction

- **Purpose:** To create an application that allows users to access and manage contact information
- **Scope:** For organizations to have a means of storing contact information for their employees and business partners

Product Description

- The application requires users to log in in order to use.
- Upon logging in, the user can:
  - Add new contacts
    - This will create a new item in the user's dashboard which contains a name, phone number, and email address
  - Edit contacts
    - This will allow the user to change the name, phone number, and email address for an existing item on the dashboard
  - Delete contacts
    - This will remove an item from the user's dashboard

Data Flow Diagram

Technologies

- IntelliJ IDE - Java-based integrated development environment (IDE)
- MongoDB - Databases
- NoSQL Booster - Database storage and retrieval
- Visual Studio Code - Integrated development environment (IDE)
- React.js - JavaScript framework for front-end

System Demo and Overview

Conclusion

- Learning experience
  - Underestimated the time constraints in the development process
  - Were not able to implement certain features due to time constraints
  - We realized that certain tasks require more time than others
  - Better understanding of outside activities affecting work
- Future scope:
  - Allow for users to have individual contact lists as opposed to one that is shared throughout the organization
  - Transition from NoSQL to SQL databases
  - Allow users to search for contacts as their list grows larger