



Faculty of Computers & Artificial Intelligence at Cairo University

Assignment 3 Info Submission

Software Engineering 1, Directed by DR. Mohamed Elramly

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Team Members

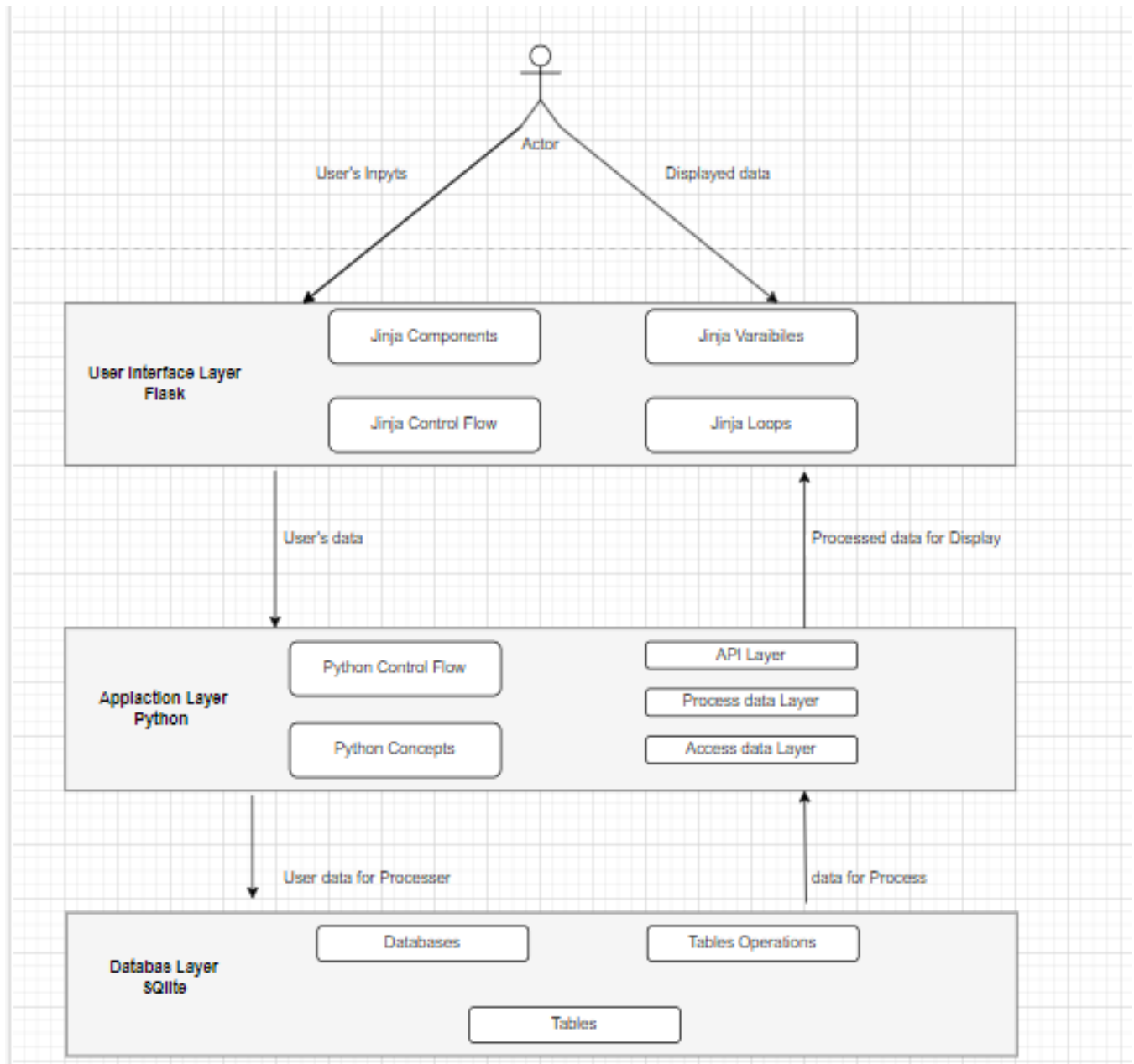
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Document Purpose and Audience

1. This Document Contents Last Phase of Toffee App Requirements
2. Discus With Our TA
3. Apply From Web Developers
4. This Document Contents
 - a. Architecture Diagrams of Toffee Online Store
 - b. Class Diagrams of Toffee Online Store
 - c. Sequence Diagrams of Toffee Online Store
 - d. State Diagrams of Toffee Online Store

System Models

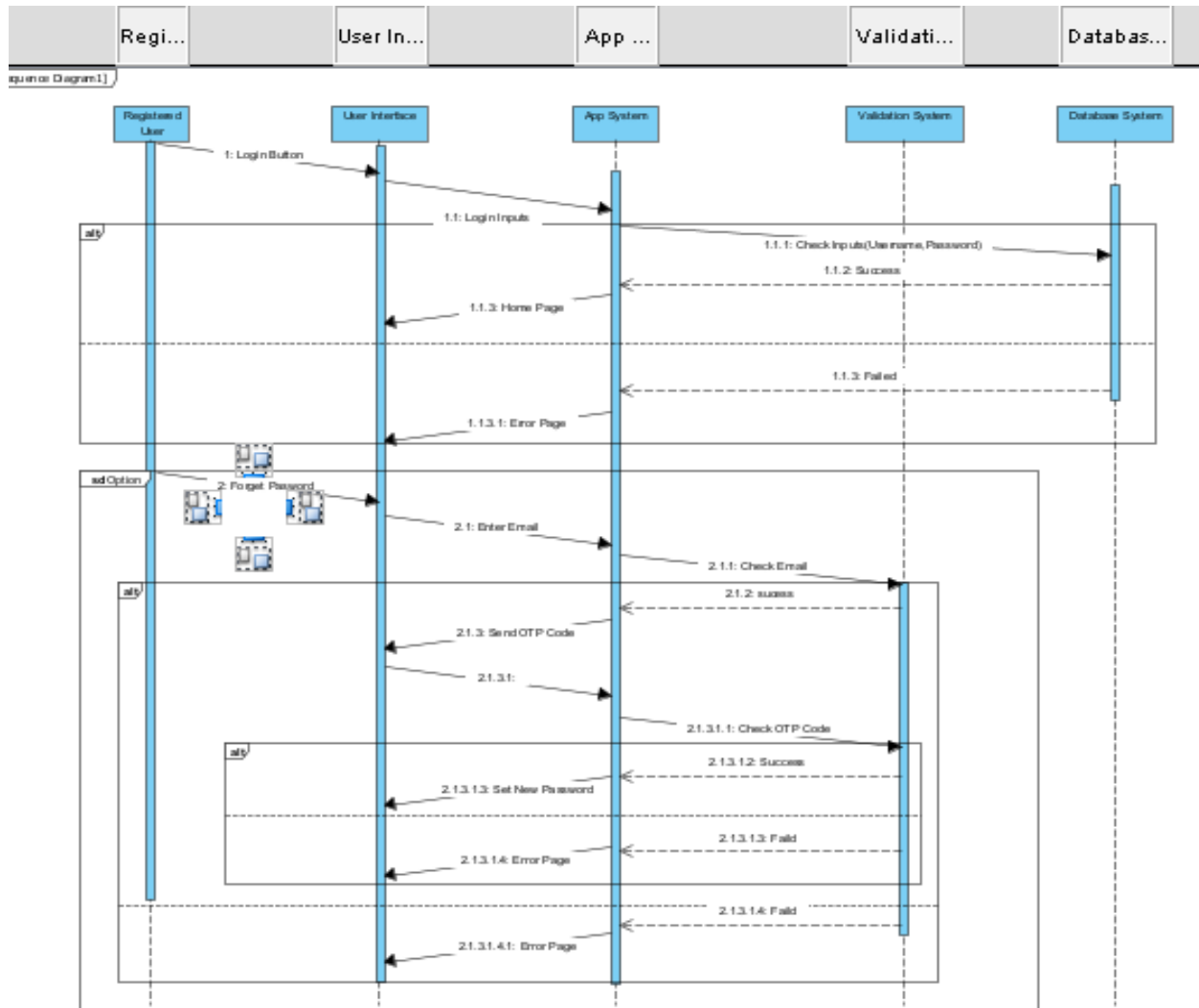
● Architecture Diagram



● Class Diagram

• Sequence Diagrams

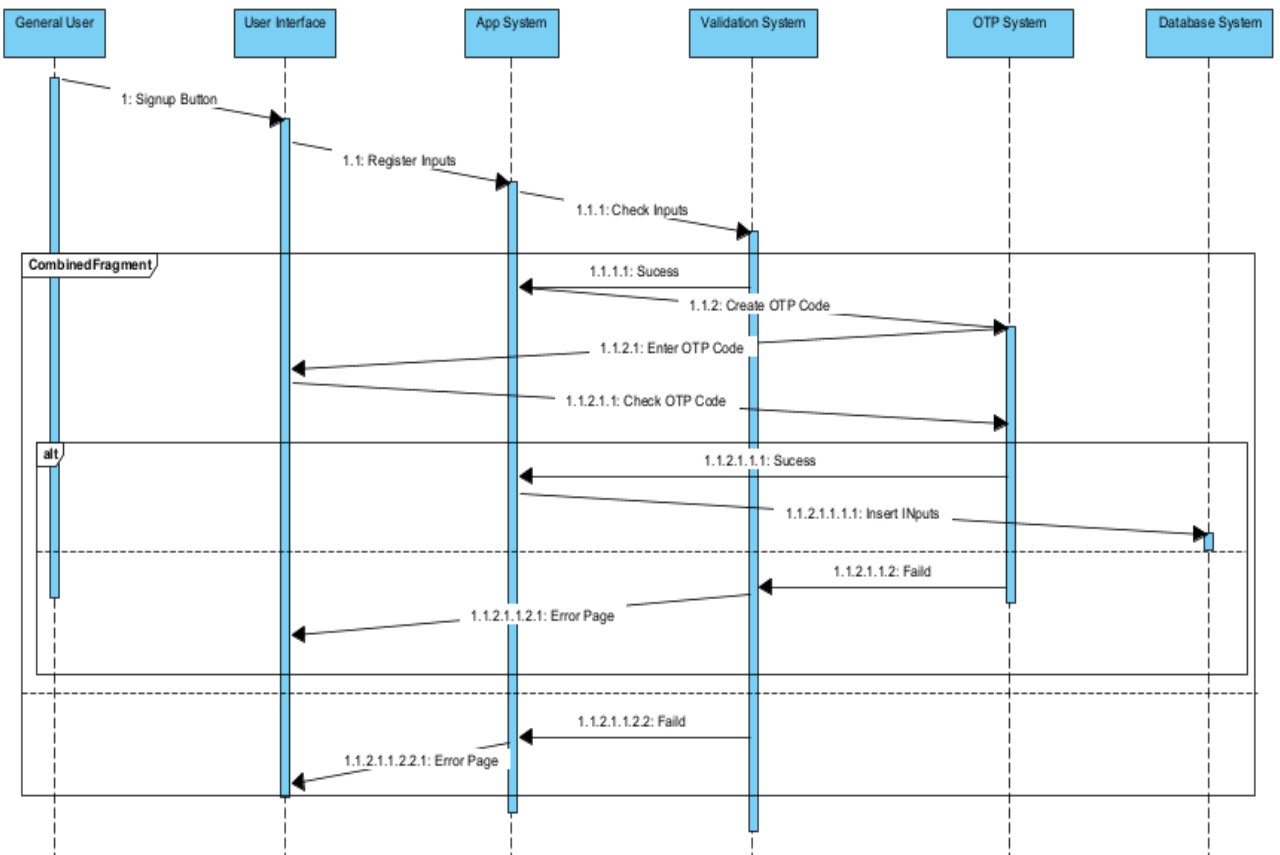
1. Login



- This Diagram For Logging
- For The Registered Users
- Use Objects:
 - User Interface
 - App System
 - Validation System
 - Database System

2. Register

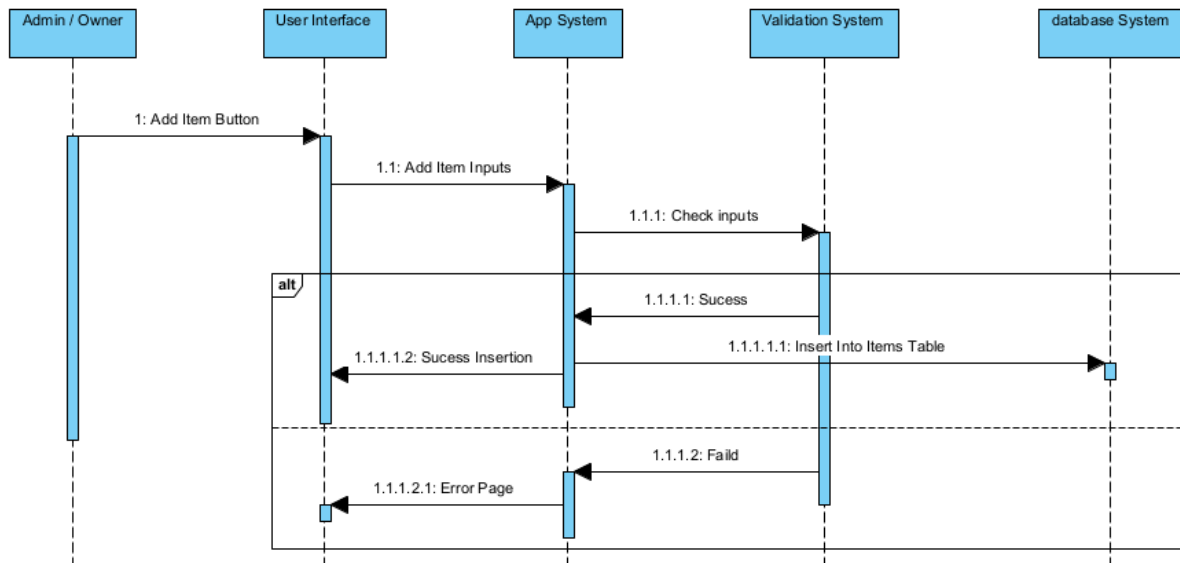
sd [Sequence Diagram1]



- This Diagram For Register
- For The General Users
- Use Objects:
 - User Interface
 - App System
 - Validation System
 - OTP System
 - Database System

3. Add Item

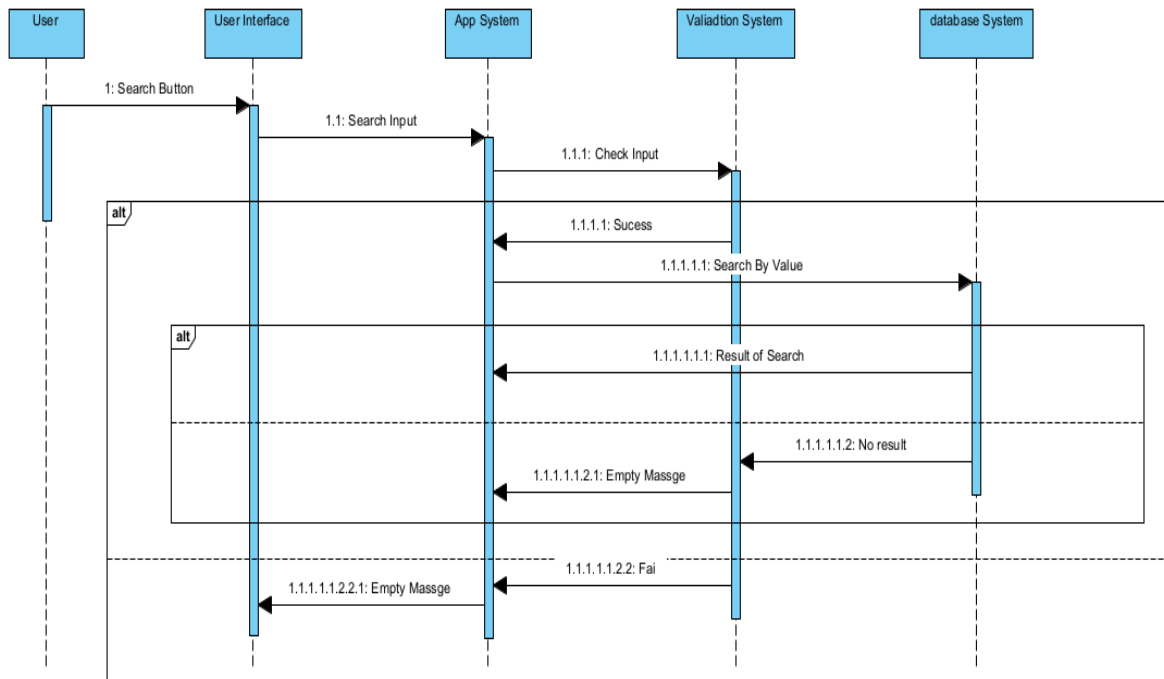
sd [Sequence Diagram5]



- This Diagram For Add New Item To Store
- For The Admis / Owners
- Use Objects:
 - User Interface
 - App System
 - Validation System
 - Database System

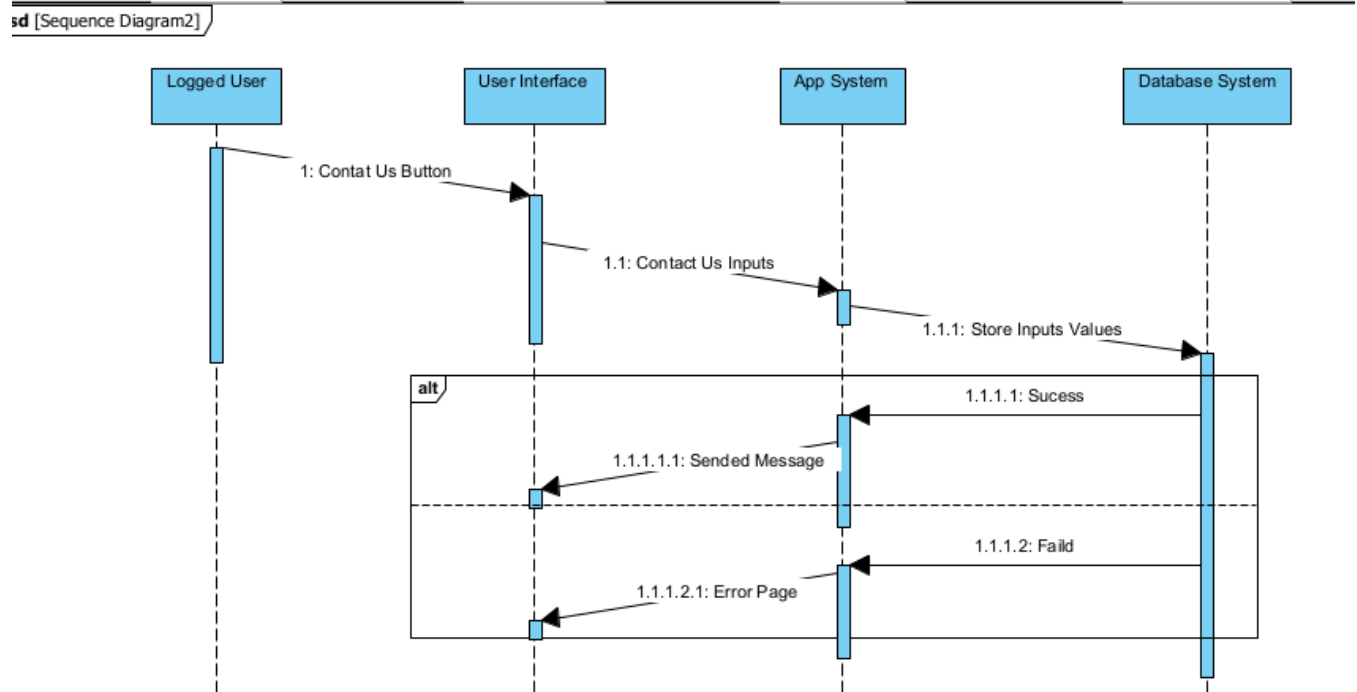
4. Search for Item

sd [Search for an Item] /



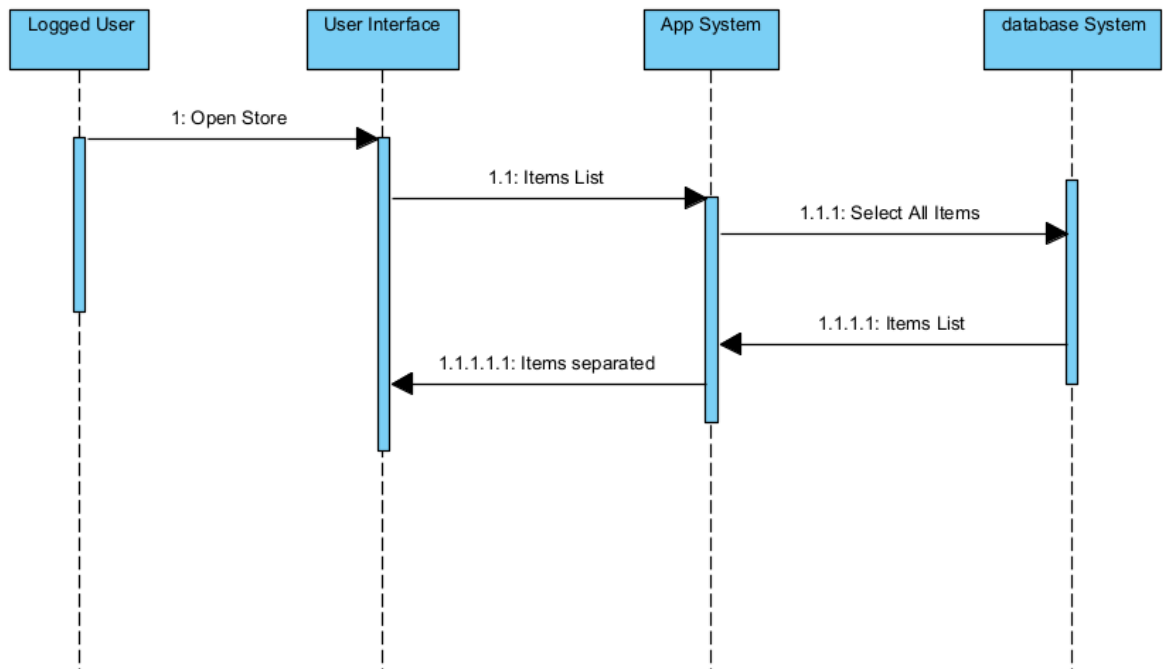
- This Diagram for Search for Item In Store
- For The Admis / Owners
- Use Objects:
 - User Interface
 - App System
 - Validation System
 - Database System

5. Contact Us



- This Diagram for Send Message By Mail
- For The Logged User
- Use Objects:
 - User Interface
 - App System
 - Database System

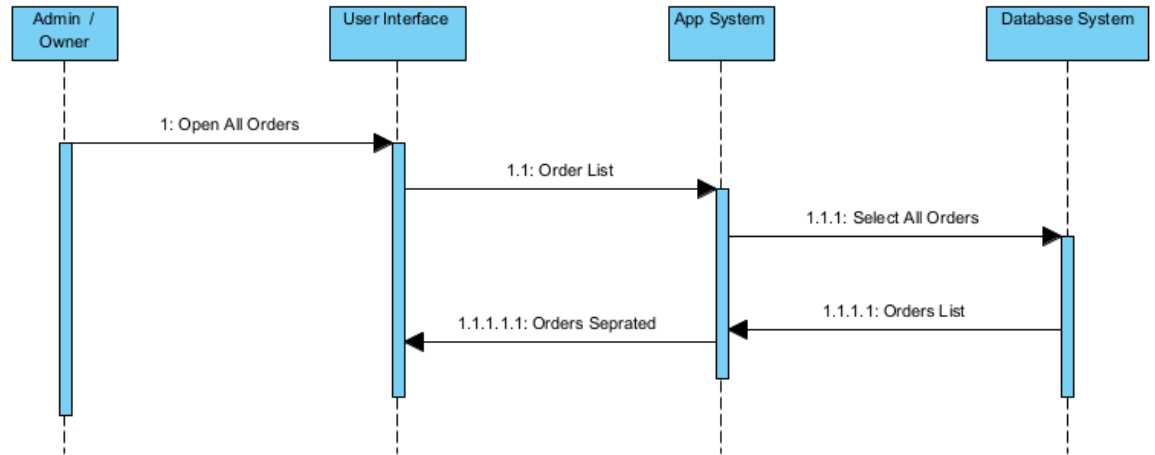
6. Open Store



- This Diagram for Opening Store
- For The Logged User
- Use Objects:
 - User Interface
 - App System
 - Database System

7. Open Orders List

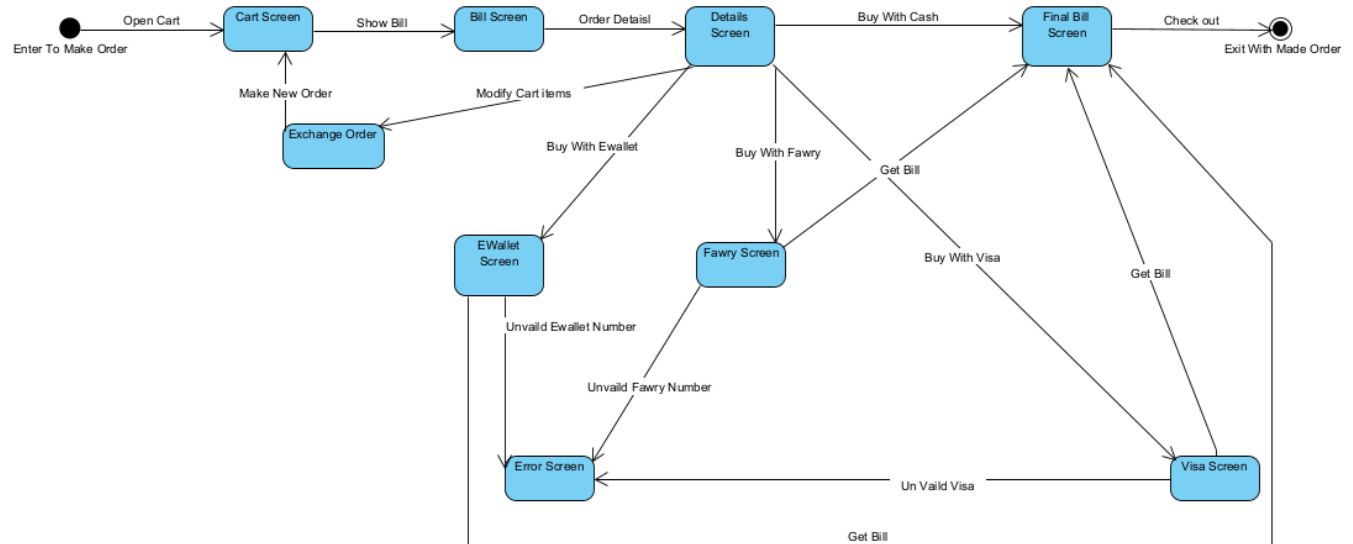
sd [Sequence Diagram4]



- This Diagram for Open All Orders
- For The Admis / Owners
- Use Objects:
 - User Interface
 - App System
 - Database System

• State Diagrams

stm [State Machine Diagram1]



• Tools

1. Visual Paradigm for Diagrams
2. Chat GPT for Solve Problems
3. Visual Studio Code for Coding
4. Microsoft Word for Write Documents