Software Design Specification (SDS)

Introduction: This is the document where we build our software design architecture for every perspective view. How the database work, how user and system interact and the pre design class and functionalities that developer has to visualize everything what actually this software act.

Software design specification has some major diagram –

1. Database schema
2. E-R Diagram
3. Use case diagram
4. UML class diagram
5. UML sequence diagram

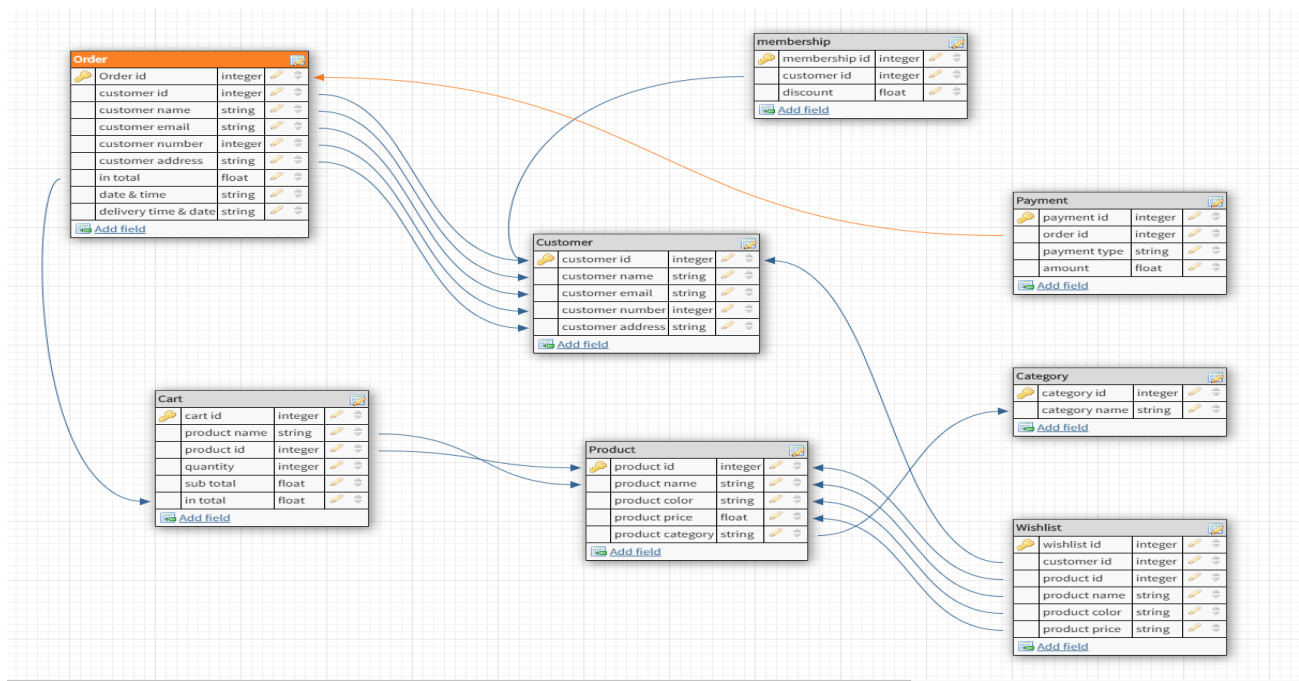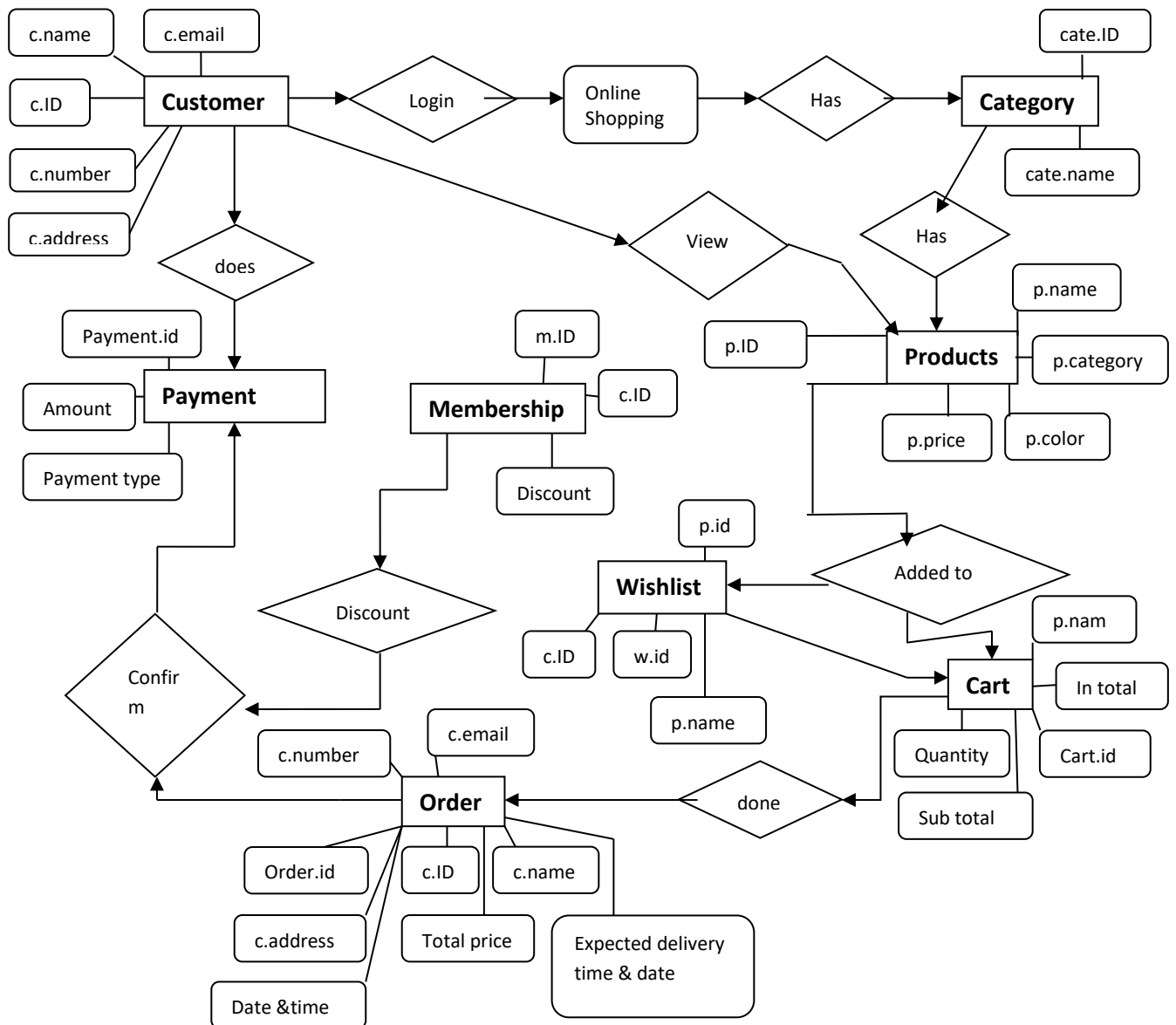1. Database Schema: Database architectural design is here –

Fig 1: Database Schema diagram (using software)

2. E-R diagram: Here is our entity relationship diagram –
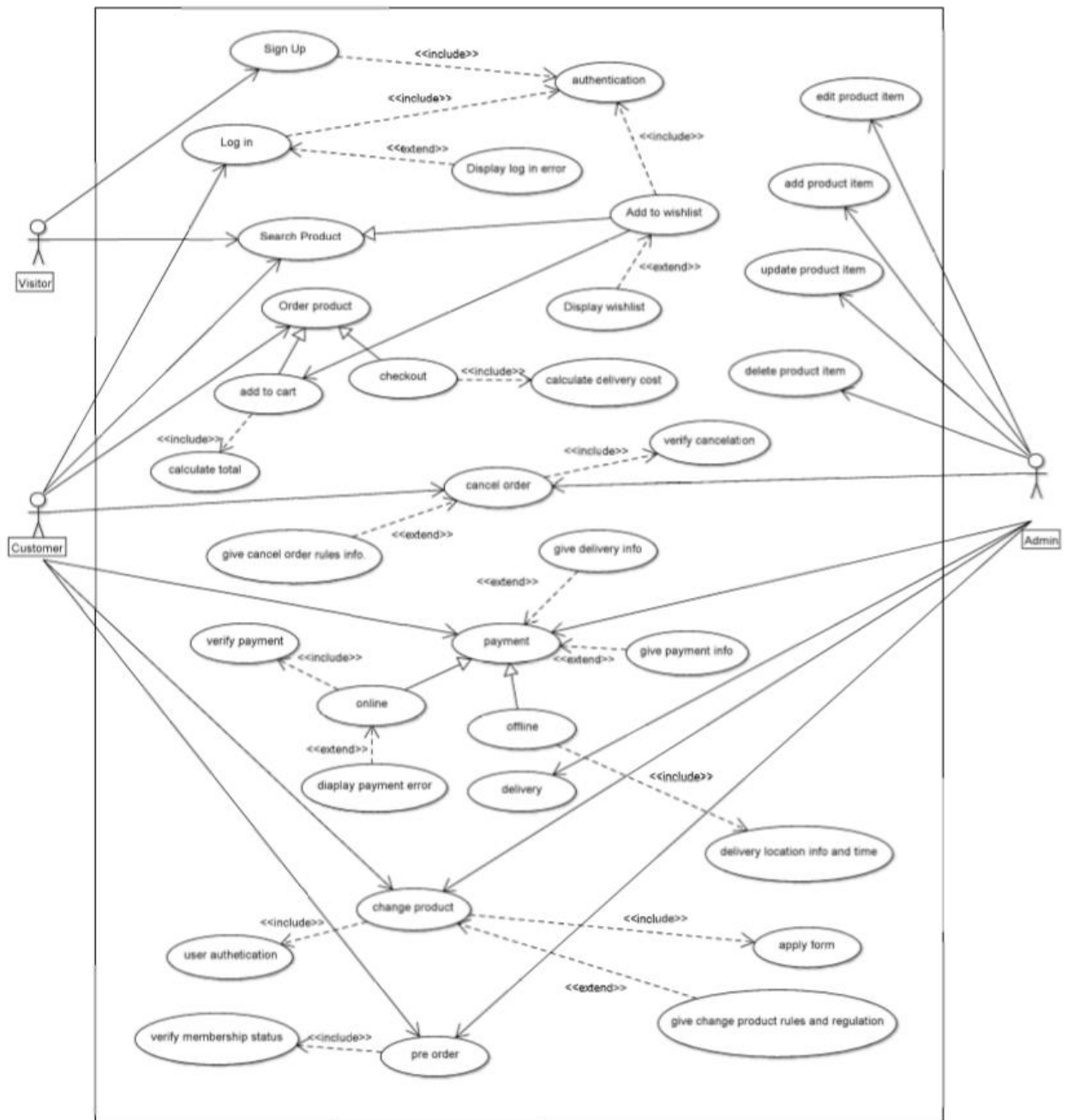
3. Use case diagram: here is our use case diagram –

Fig 2: Use case diagram

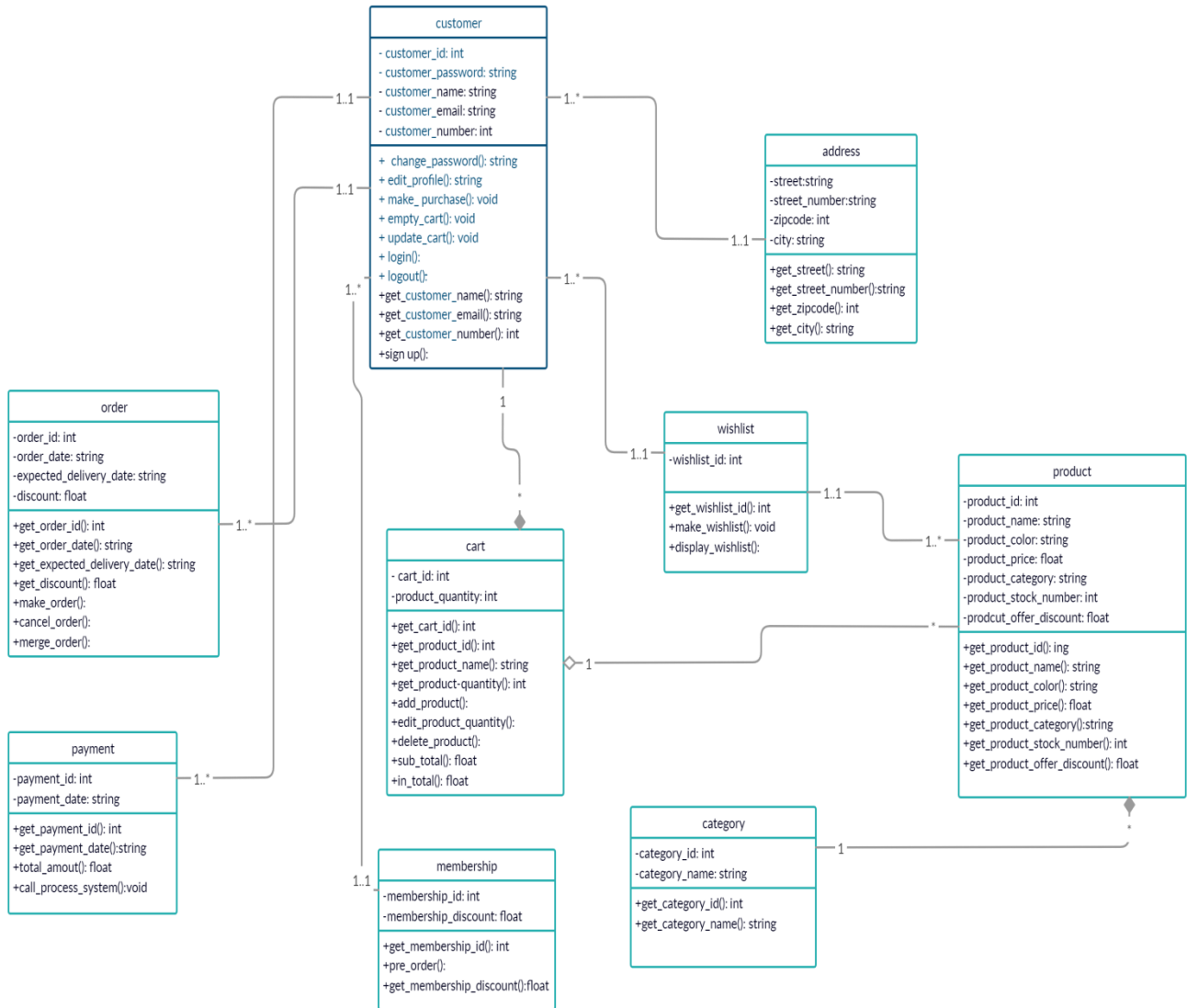4. UML class diagram: UML class diagram is here –

Fig 3: UML class diagram

5. UML sequence diagram: All UML sequence diagram are here –
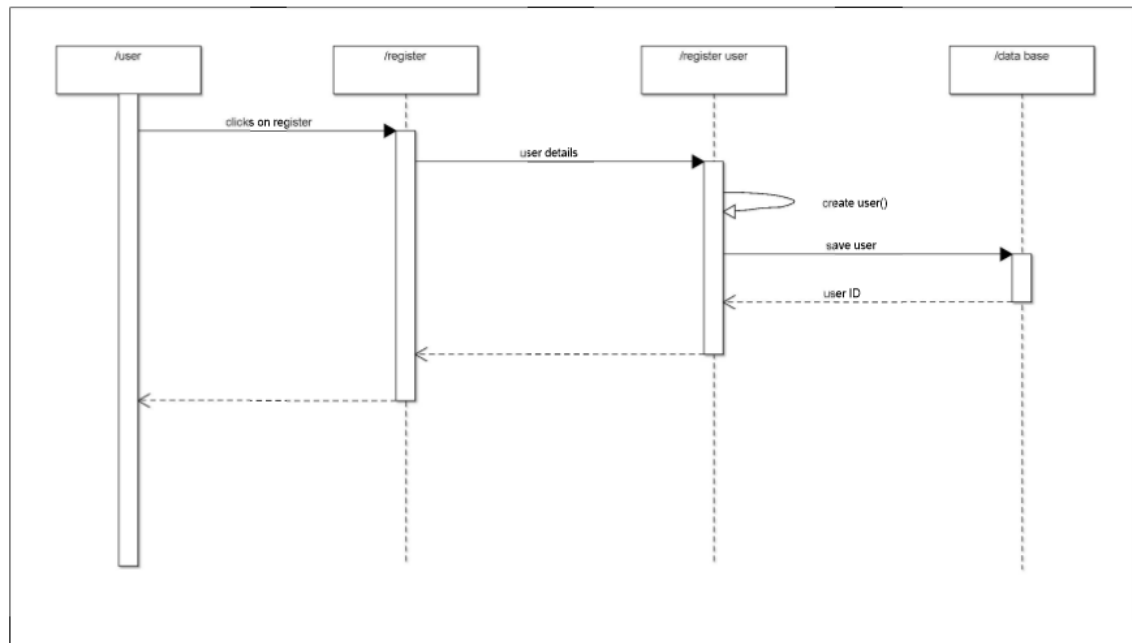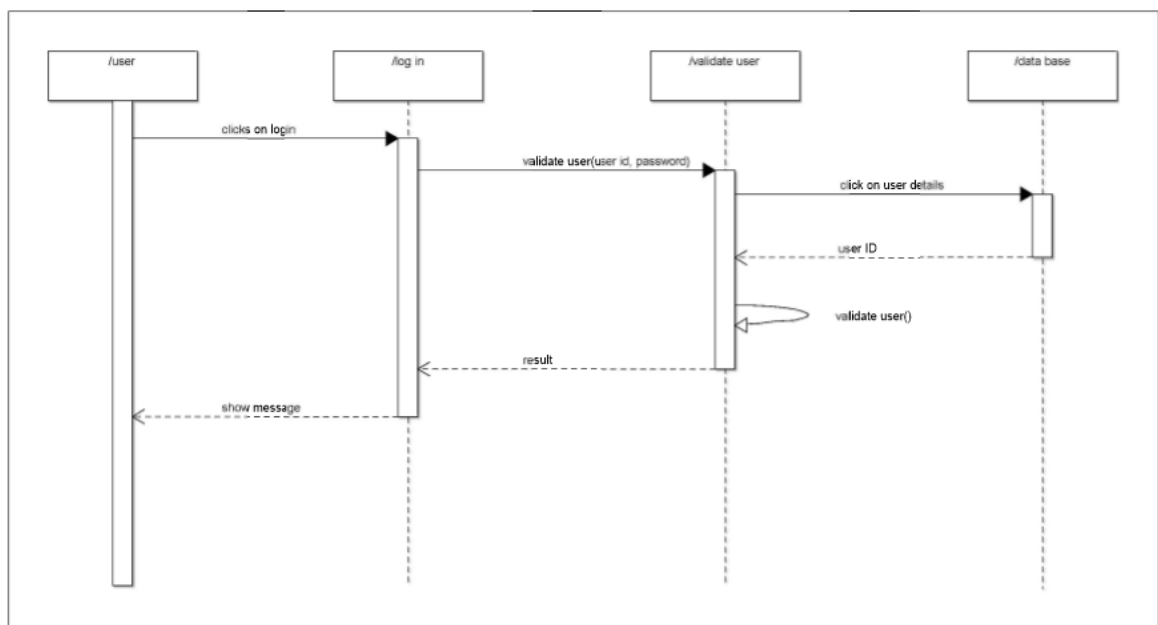

Fig 4: sequence 1 diagram.

Fig 5: sequence 2 diagram.
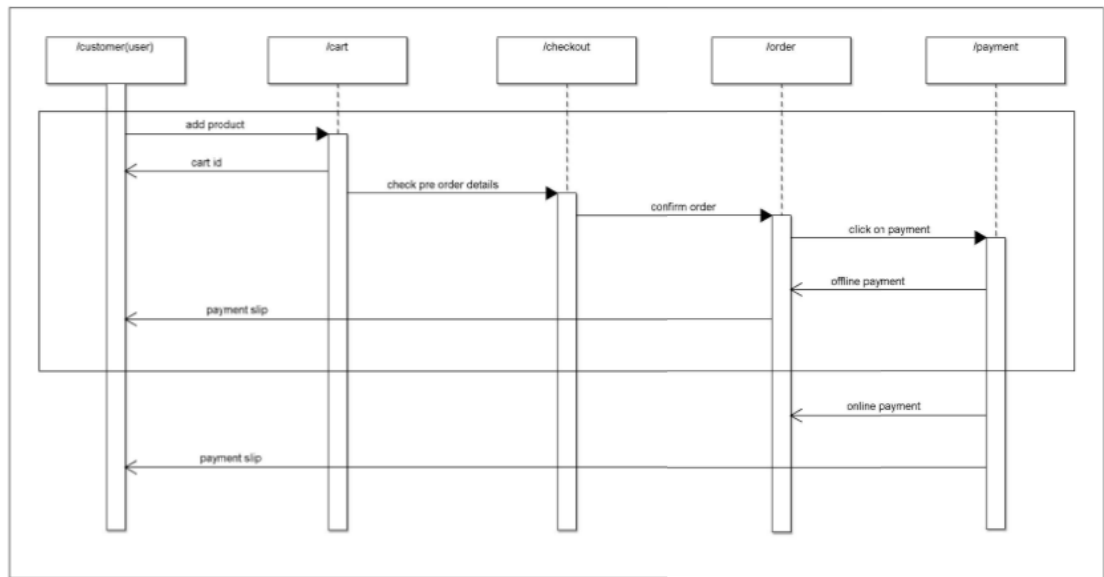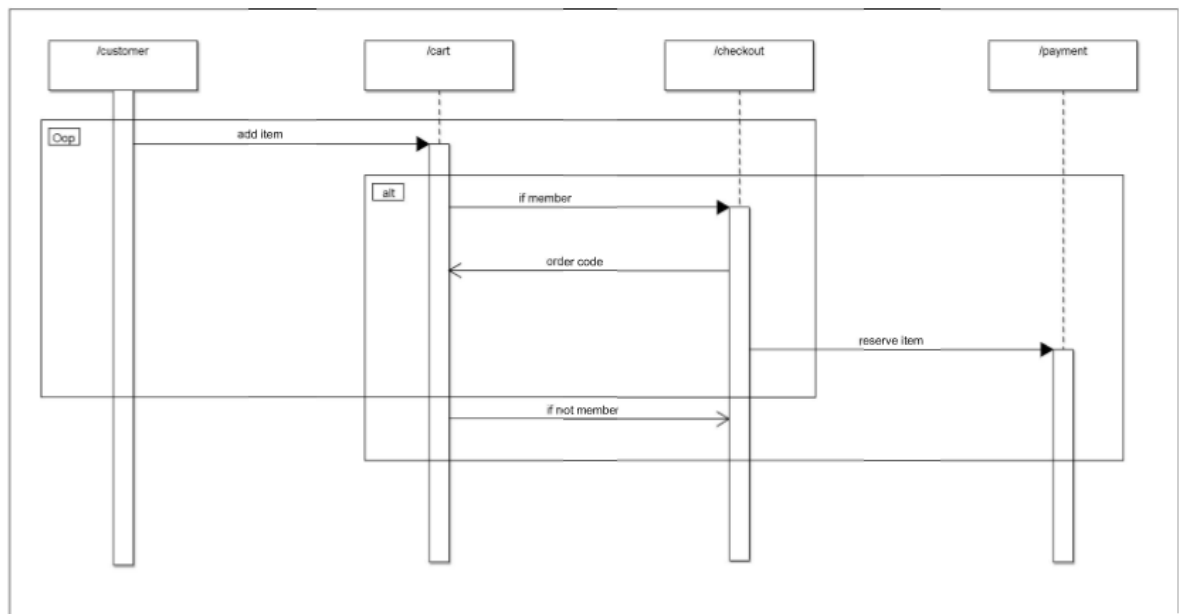
Fig 6: sequence 3 diagram.
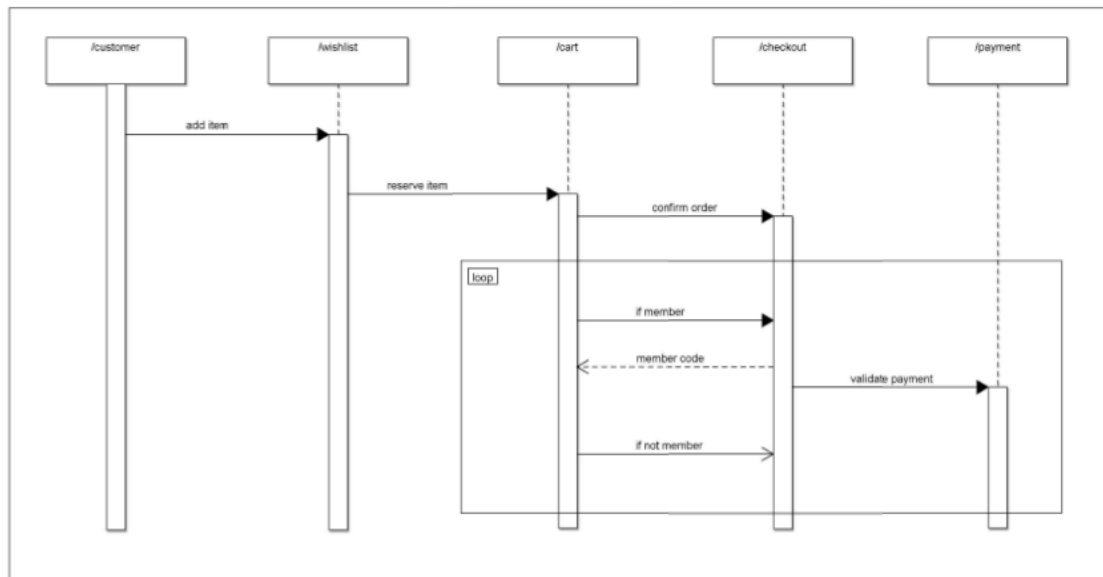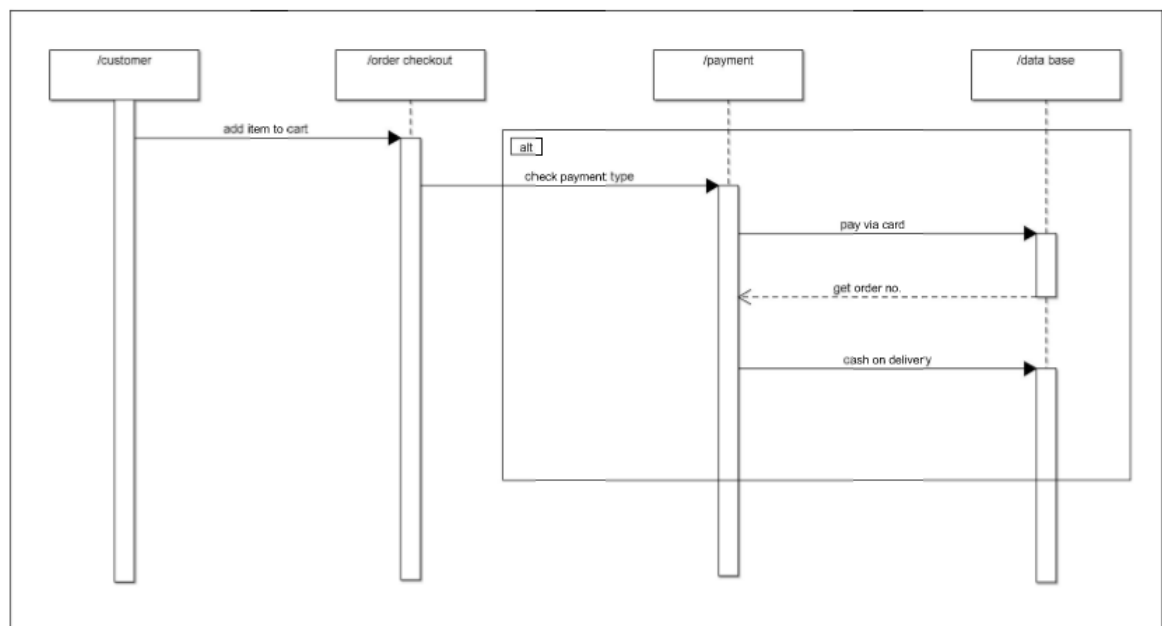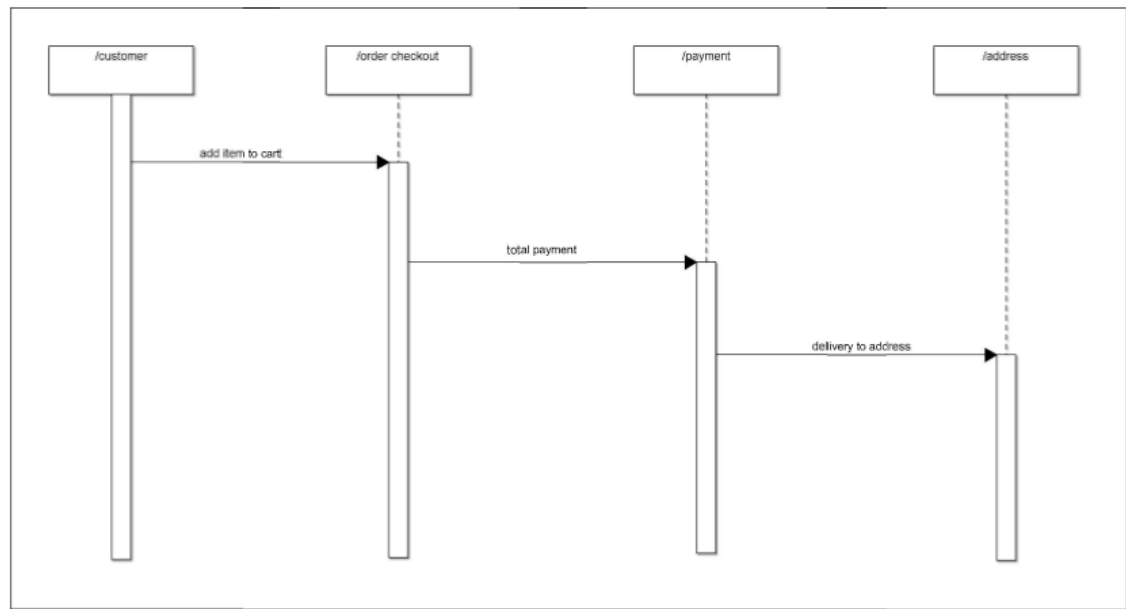

Fig 7: sequence 4 diagram.

Fig 8: sequence 5 diagram.

Fig 9: sequence 6 diagram.

Fig 10: sequence 7 diagram.