

Software Engineering Fundamentals - Spring 2023
CIE 460-LCTR-01
UST - Zewail City

Course Project

Phase 2

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A)

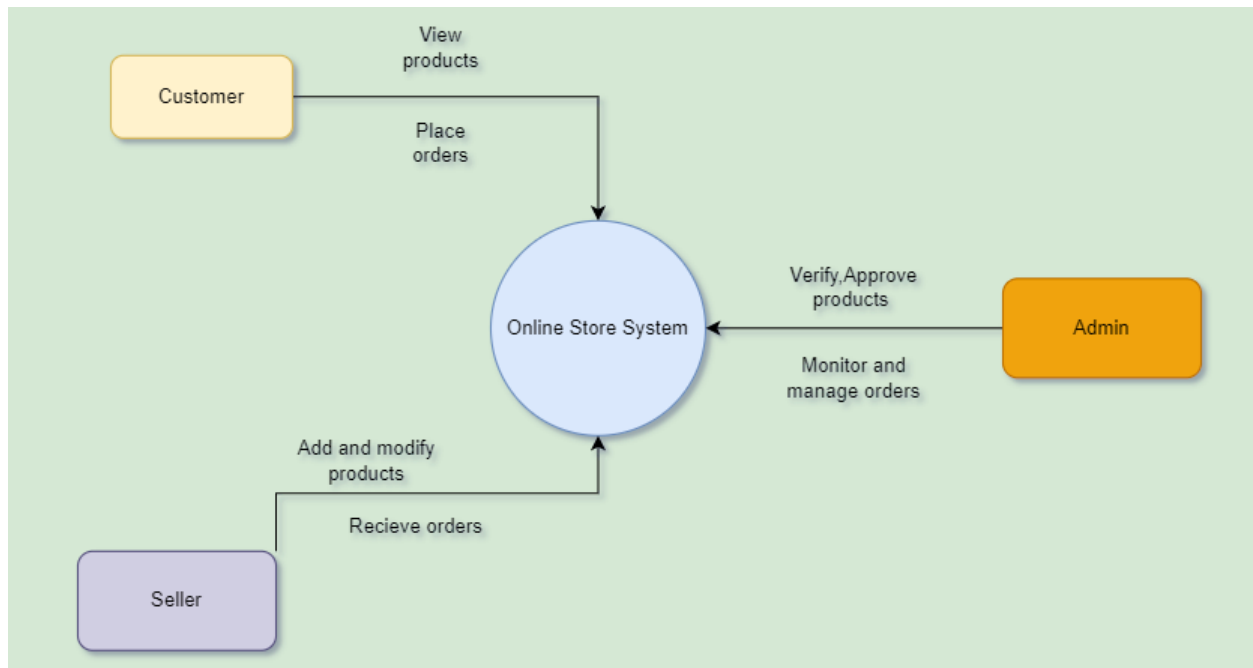
Functional requirements:

- 1- Registration and login
- 2- Add product (seller)
- 3- view product
- 4- delete product (seller)
- 5- add product to cart
- 6- search for product
- 7- customize profile
- 8- checkout
- 9- place order
- 10- approve order (admin)
- 11- add to favourites
- 12- similar products
- 13- contact us
- 14- FAQ page
- 15- Order confirmation by phone
- 16- Rate seller and buyer
- 17- view purchasing history
- 18- customize product (add engraving)
- 19- shipping & delivery
- 20- select amount
- 21- set price (seller)

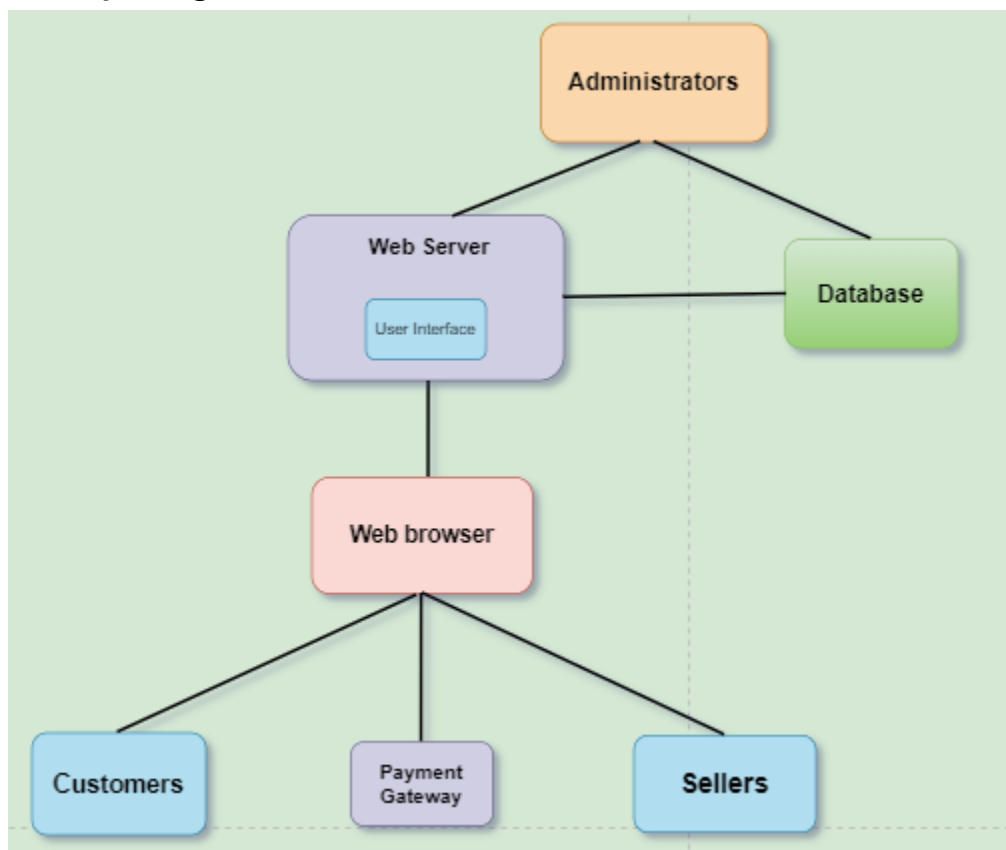
Non functional requirements:

- 1- Security: user info such as credit cards and payment details
- 2- Performance & reliability: any mistake in the purchasing process would cost a fortune. The website must have less to zero errors

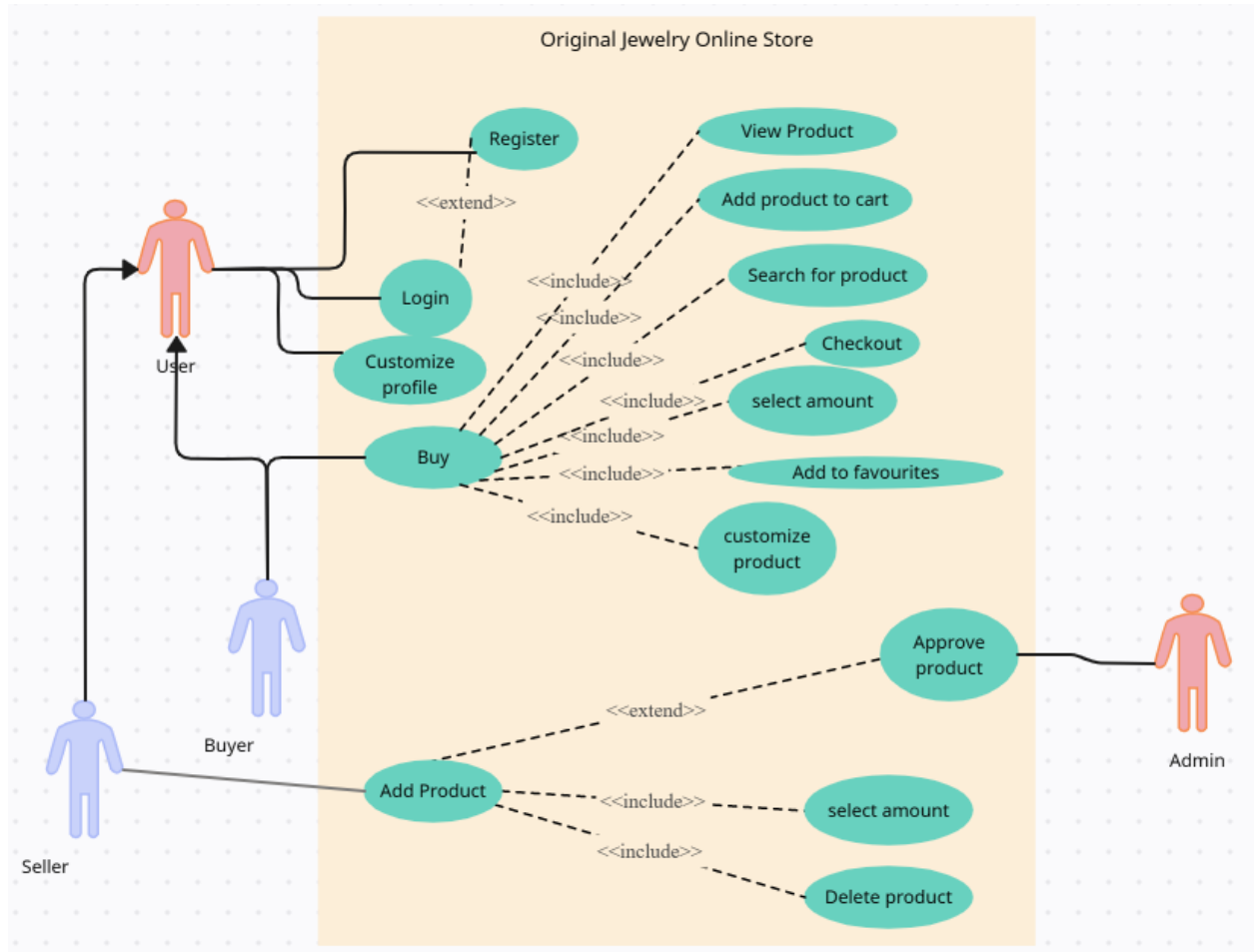
B) Context Diagram



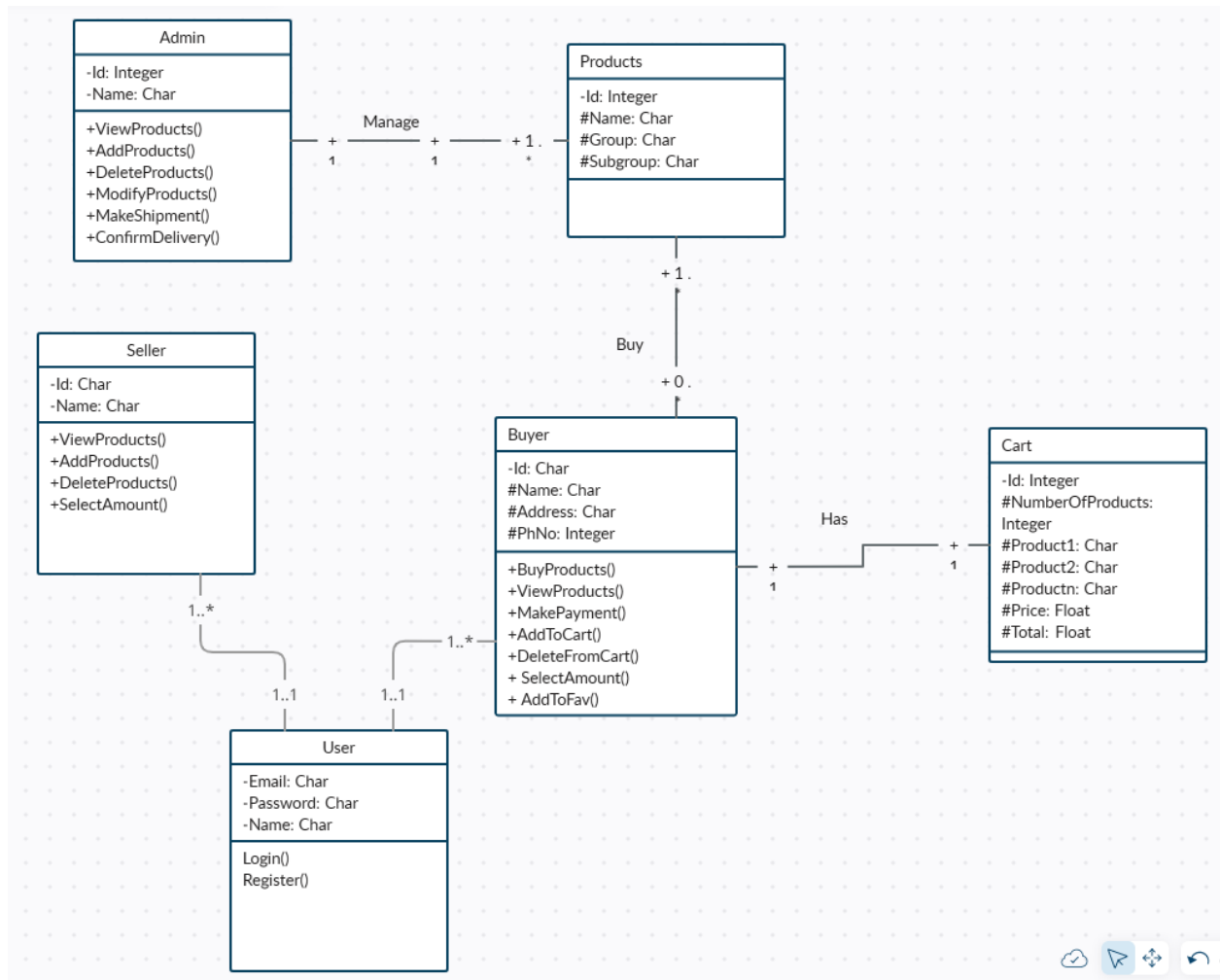
Concept Diagram



C) Use-case Diagram



D) Class Diagram



E)

