UML DIAGRAMS

Class Diagram:

Machine

Code

Material

Color

Catalog

Show_purchase():

VIDEOGAME

Name

Code

show_videogame():

PURCHASE

user_info

Show_info():

USER

Name

Adress

Email Address

Phone

CATALOG

Videogames_list
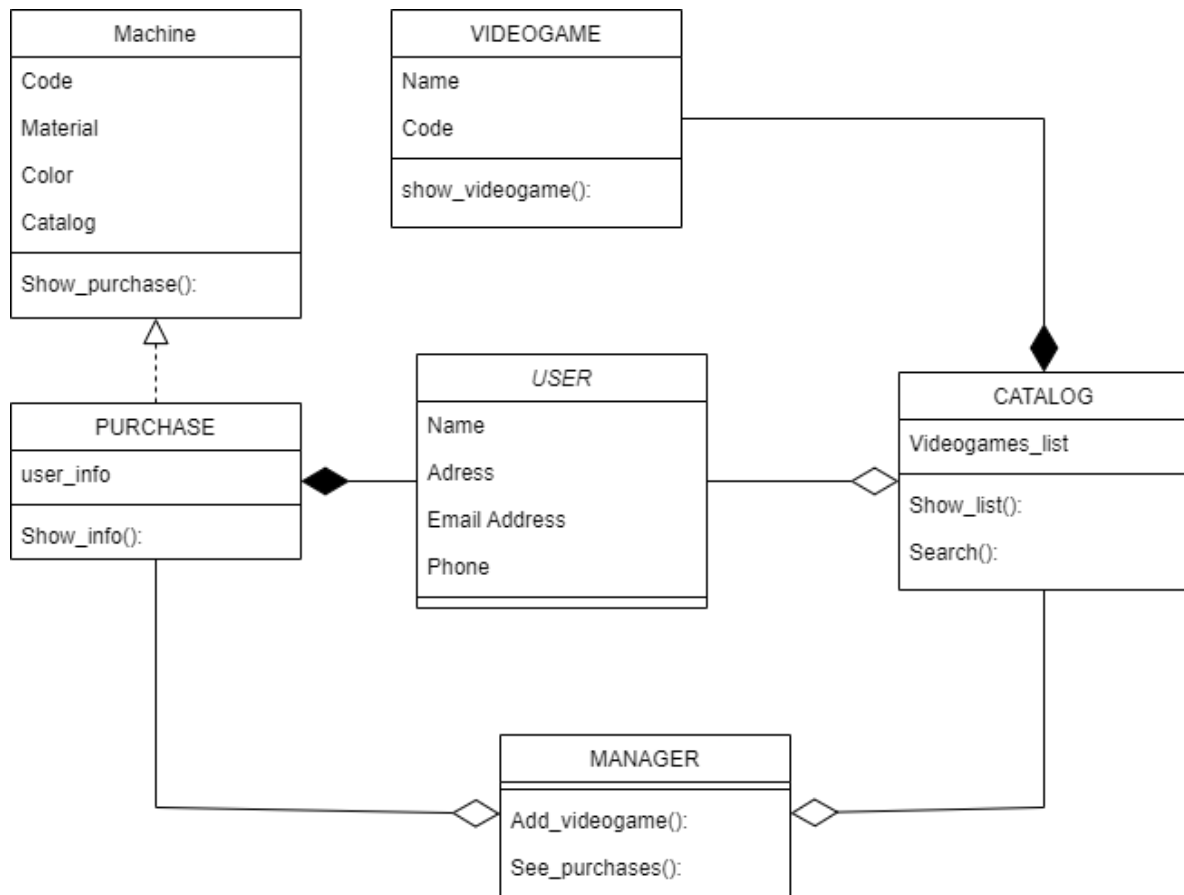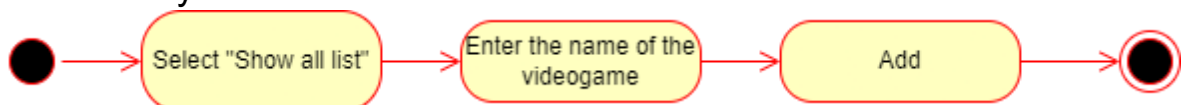
Show_list():

Search():

MANAGER

Add_videogame():

See_purchases():

Activity Diagrams:

1. As an admin, I want to see all the purchases in a file, so I can deliver them.

   ● → Select "Show all purchases" → See the information provided by the client → ◉

2. As a customer, I want to see the list of available games, so I can add my favorites.

   ● → Select "Show all list" → Enter the name of the videogame → Add → ◉

3. As a client, I want to search a videogame in the catalog, so I can see the full list of videogames.

4. As a manager, I want to add games to the machine, so I can sell more games.

5. As a client, I want to add my information, so I can receive the products.

6. As a customer, I want to choose the type of materials for the machine, so I can customize it to my liking.
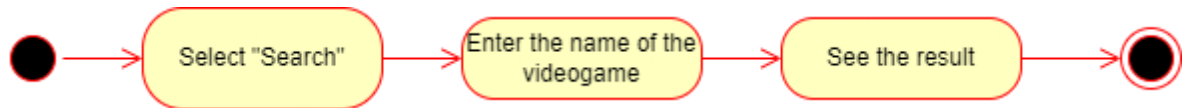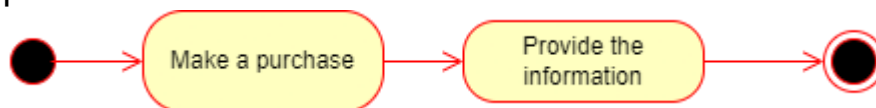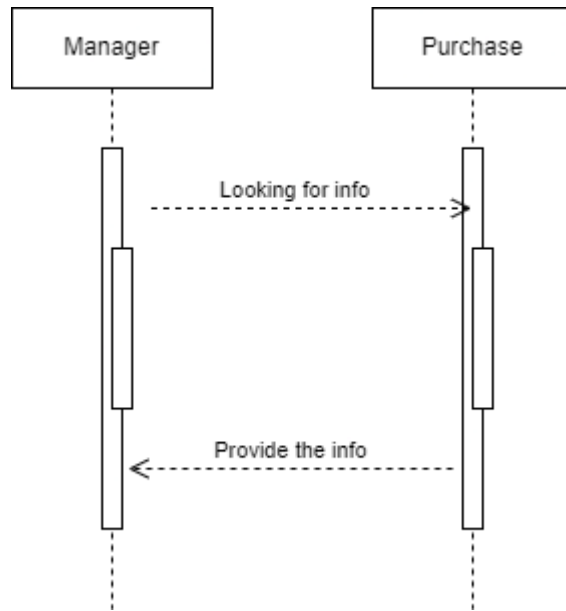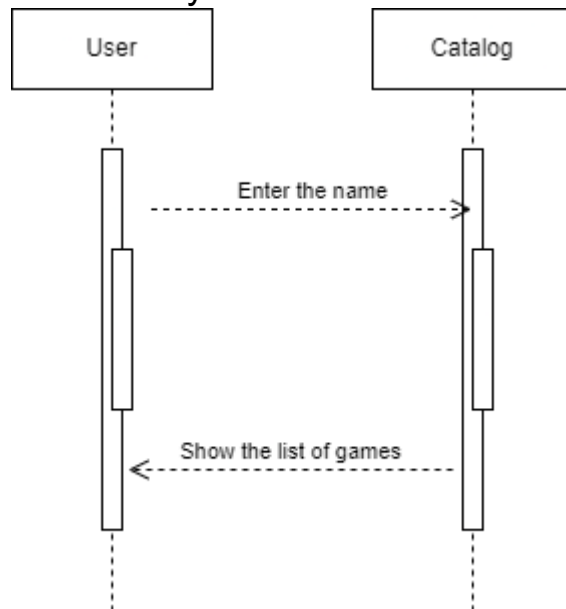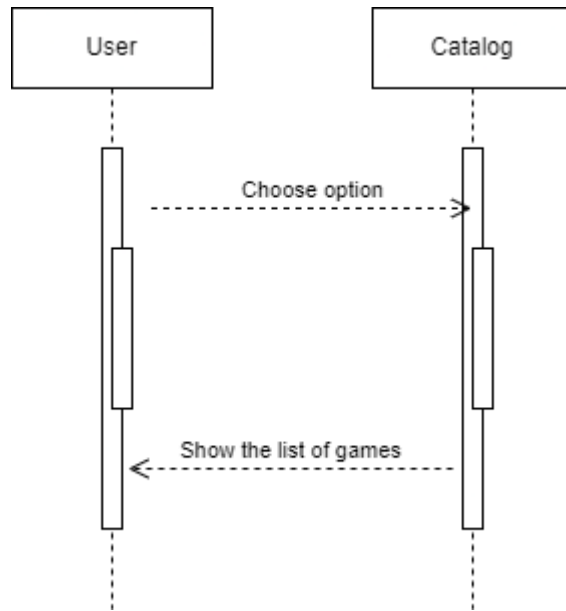

Sequence Diagrams:

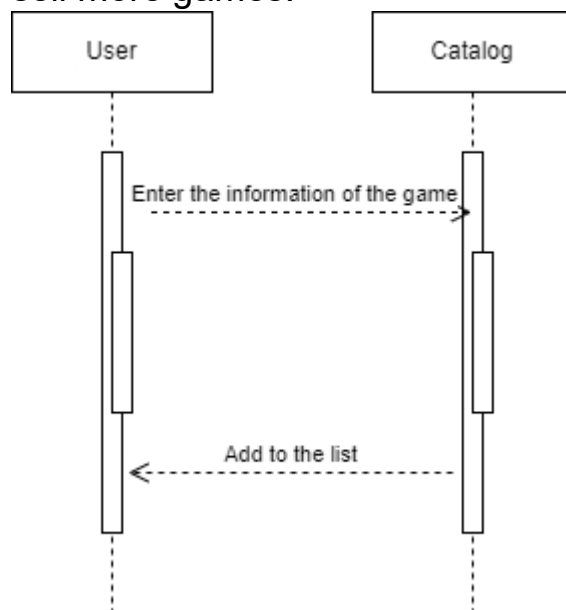1. As an admin, I want to see all the purchases, so I can deliver them.

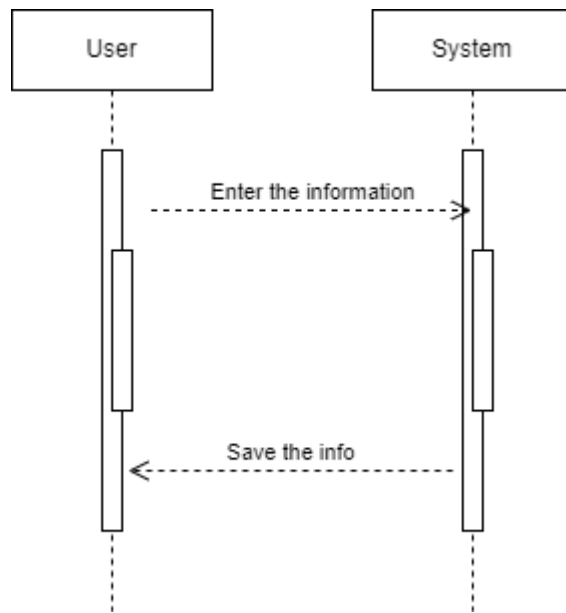2. As a customer, I want to see the list of available games, so I can add my favorites.

3. As a client, I want to search a videogame in the catalog, so I can see the full list of videogames.
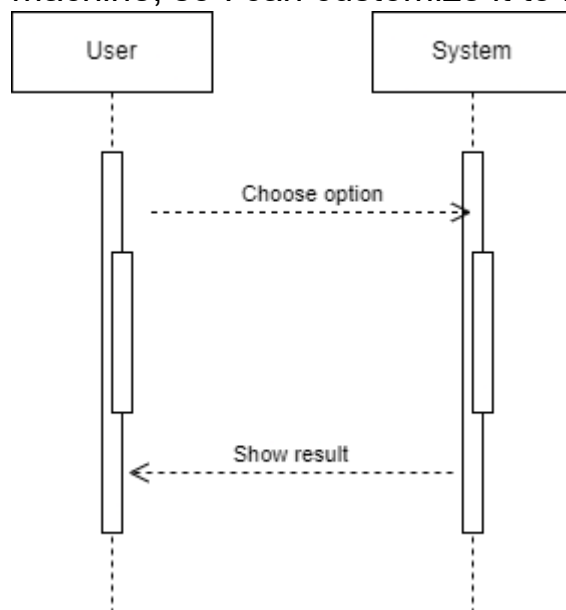
4. As a manager, I want to add games to the machine, so I can sell more games.

5. As a client, I want to add my information, so I can receive the products.

6. As a customer, I want to choose the type of materials for the machine, so I can customize it to my liking.

CRC Cards:

USER CLASS	
-Provide the information -Make purchases	-Purchase -Catalog -Videogame

MACHINE CLASS	
- Be customized - Be purchased	- user

VIDEOGAME CLASS

- Consist a list of them	- user - Machine - Manager

CATALOG CLASS

- Show the full list of games	- user - Machine - Manager - Videogame

PURCHASE CLASS	
- Let the user make a purchase - Show the purchase info	- user - Machine - Manager - Videogame - Catalog

MANAGER CLASS	
- See all the info - Add videogames	- user - Machine - Manager - Videogame - Catalog - Purchase