

SW2 – Project Evaluation Form

- Each team must submit the following Documentation that contains:
 - Project Description in detail.
 - Class Diagram. And Database Schema.
- Each team must submit the project via GitHub:
 - Source Code.
 - Video Demo for running (2 – 5 Minutes).
 - Documentation and Evaluation Form.
- The Evaluation will start with giving all teams 30 marks then check the following criteria:

Violation Level	Full	Medium	Small	Grade
Documentation	-5	-2	-1	
Not Apply MVC (it does not Separate Business logic from GUI). Example of violation: write the implantation for a method such as an inset item into the database inside the Button Action method)	-6	- 3	-1	
Violate clean code – Variables	-2	-1	-.05	
Violate clean code – Functions	-2	-1	-.05	
Violate Single-responsibility Principle	-2	-1	-.05	
Violate Open-closed Principle	-2	-1	-.05	
Violate the Liskov Substitution Principle	-2	-1	-.05	
Violate Interface Segregation Principle	-2	-1	-.05	
Violate Dependency Inversion Principle	-2	-1	-.05	
Not Upload code to GitHub	-1			
Only One Branch Without Merge (GitHub)	-2			
Only One Contribution (GitHub)	-2			
Total Minus from Grade				

Design Pattern Bounce	+4	
Bounce on Overall Work	+2	
Total Team Grade / 30		

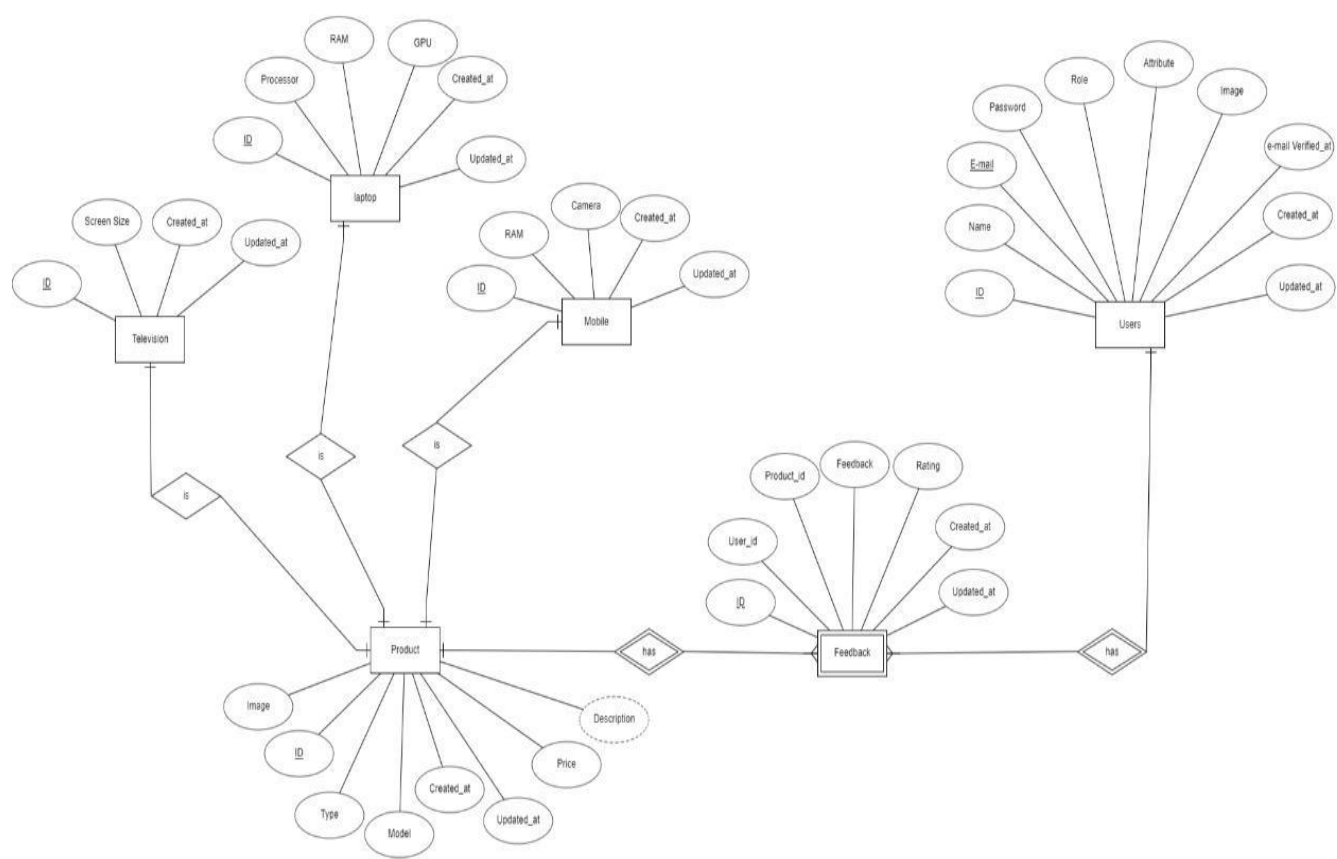
Full violated –They violate the principle in all cases in the Code.

Medium Violated – They apply the principle in some cases and violate it in some cases (in total the student applies the principle on average).

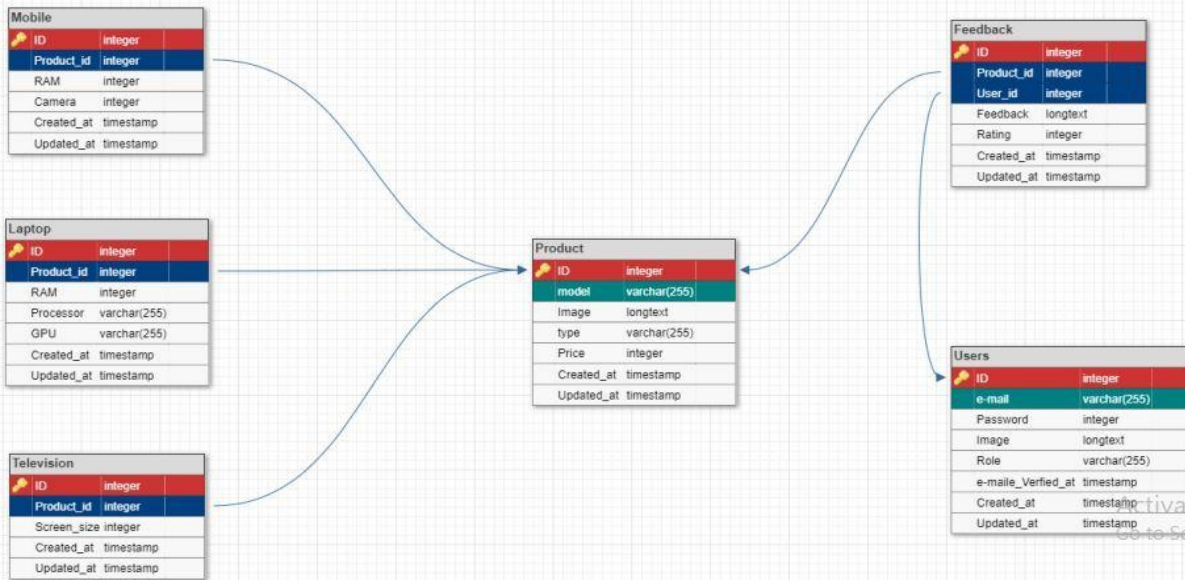
Small violated – They Apply the principle in most cases except for a very few cases, no more than one or two.

Name (Arabic)	ID	Individual Bounce +2	Grade
اسلام محمد فايز عبدالمطلب	201900144		
أنور محمد أنور حسن	201900197		
مريم اسامه محمد احمد انيس	201900799		
اسماعيل سمير عبد الفتاح ابراهيم	201900152		
عمرو محمد شامي حمزة	201900541		
سيف الدين أشرف عبدالله	201900363		
إياد عبد المنعم عبد الفتاح احمد	201900200		

Erd



Mapping



User

User Module

1.	The user must be able to login to the system by using his password and email.
2.	The user must be able to register to the system.
3.	The user must be able to view all categories in the system.
4.	The user must be able to view all products in a specific category.
5.	The user must be able to view details of specific products.
6.	The user must be able to write feedback about product
7.	The user must be able to edit feedback about product
8.	The user must be able to Rate products
9.	The user must be able to compare between two products in same category
10.	The user must be able to edit account details

:Functional system requirements

1.1	The system shall enable authorized users to log in to the system using email a password provided to them.
1.2	The system checks if the user is authorized to log in or not using the authentication system.
2.1	The system shall enable new user to registration to system.
2.2	The system checks the validation of user details.
2.3	IF any information is not valid, the system show error message.
2.4	IF all information is valid, the system records new users.
3.1	The system shall enable users to show all categories of products.
4.1	The system shall enable to show all products in specific categories.
4.2	The system shall display the product image, rating, short description.
5.1	The system shall enable user show details of specific product
5.2	The system shall display product details, price, rating and all feedback.
6.1	The system shall enable user write new feedback about product.
6.2	The user write feedback in feedback box and submit it
7.1	The system shall enable user to edit his feedback about any product.
7.2	After editing the feedback, the system shall display new feedback.
8.1	The system shall enable user to rating product from 5 stars
8.2	The user chooses the number of stars he wants and

	submit.
9.1	The system shall enable to user compare between two products in same category
9.2	The system shall display compare table contain details of two products, price, details and ratings.
10.1	The system shall enable to user edit his account information.
10.2	The user edits the information.
10.3	The system shall validation of editing information.
10.4	If the information is not valid, system show error message.
10.5	If the information is valid, system show successful message.

3. Non-functional requirements:

2.1-performance requirements [BR]

1-BR	The system must respond the business operation in less than 3 seconds for user
2-BR	The system should be compatible for all different product
3-BR	The system should be reliable
4-BR	The system should be easy to use
5-BR	The system should be availability

2.2-Safty and security requirements [SSR]

1-SSR	System must handle safe login and logout through session
2-SSR	Hashing technology should be used to handle secure login for users
3-SSR	The database should be secured from SQL injection to prevent leak or loss information

2.3-Reliability Requirements [RR]

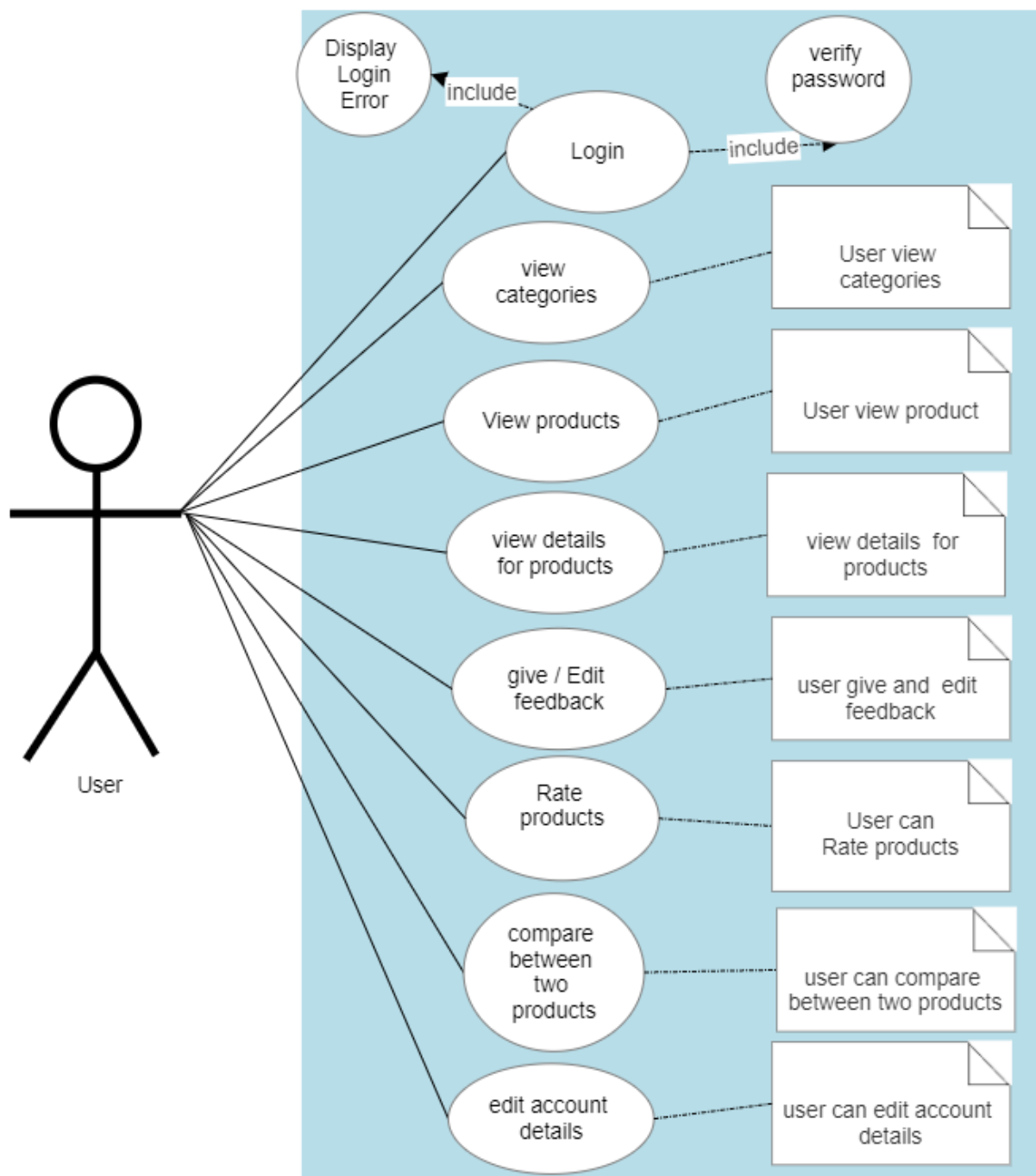
-RR	The program should be reliable and provide catching of exceptions so that unintended results do not occur such
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	system crashes or data validation failures.
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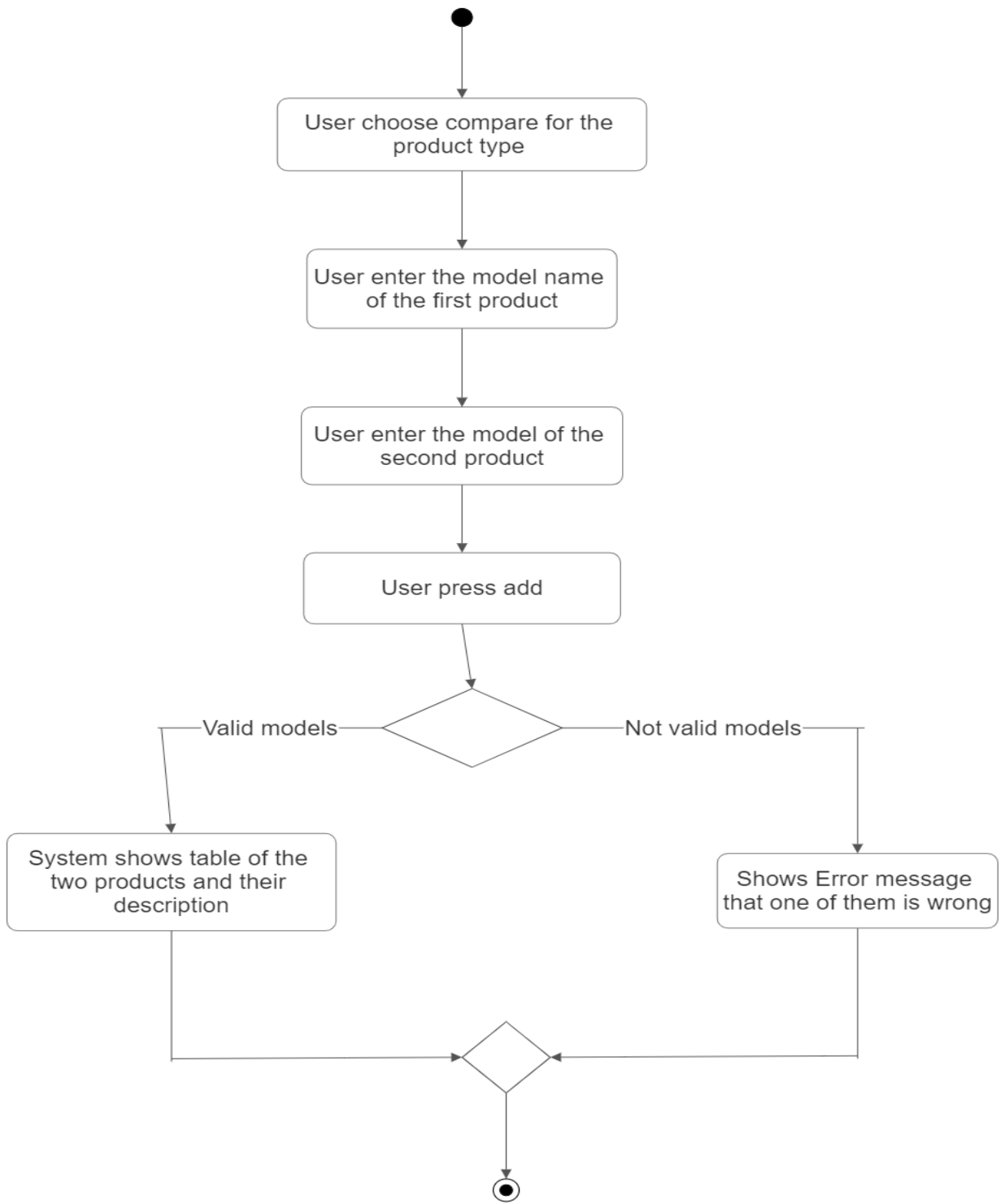
2.4-Usability Requirements [AR]

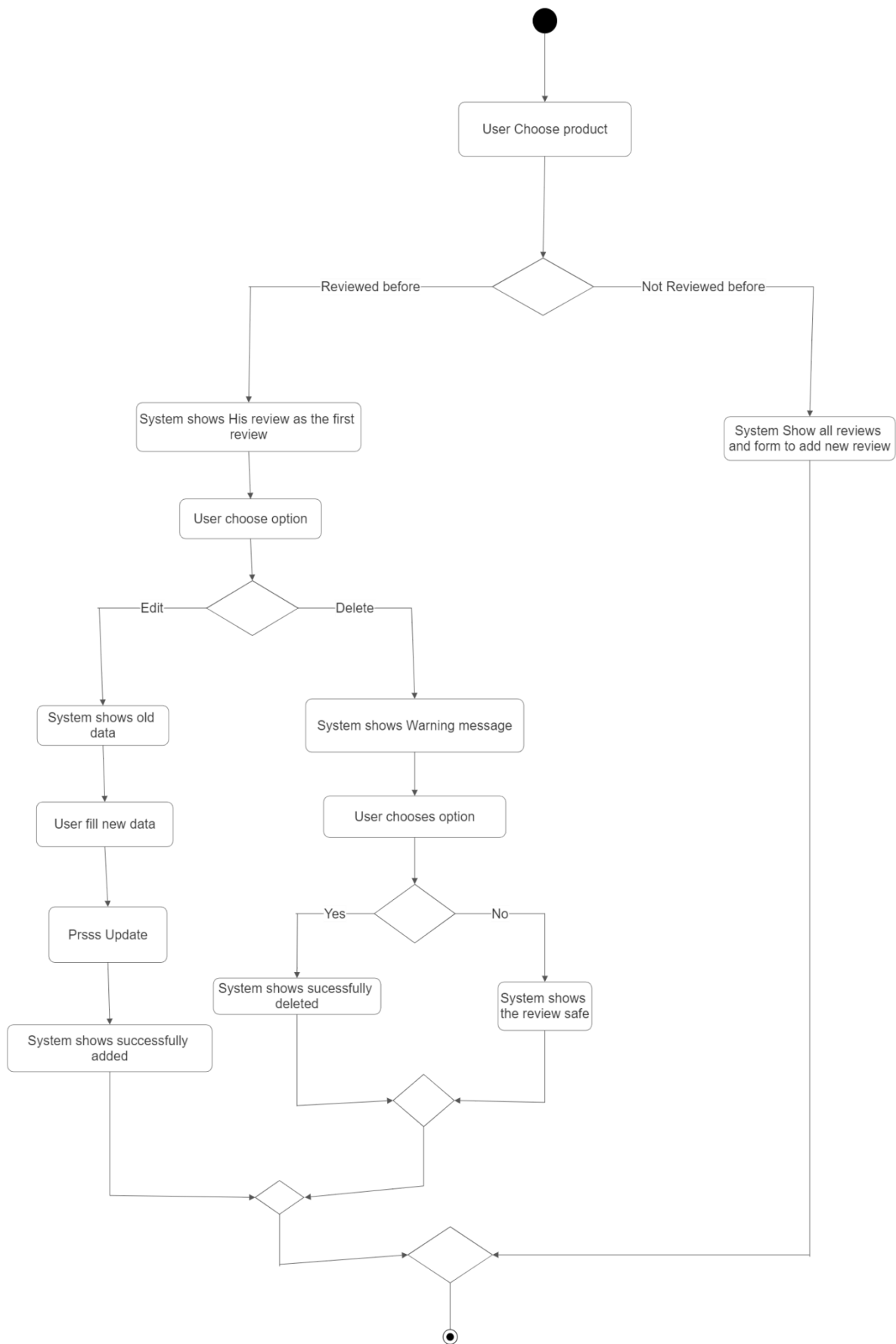
-UR	Should have user-friendly interface.
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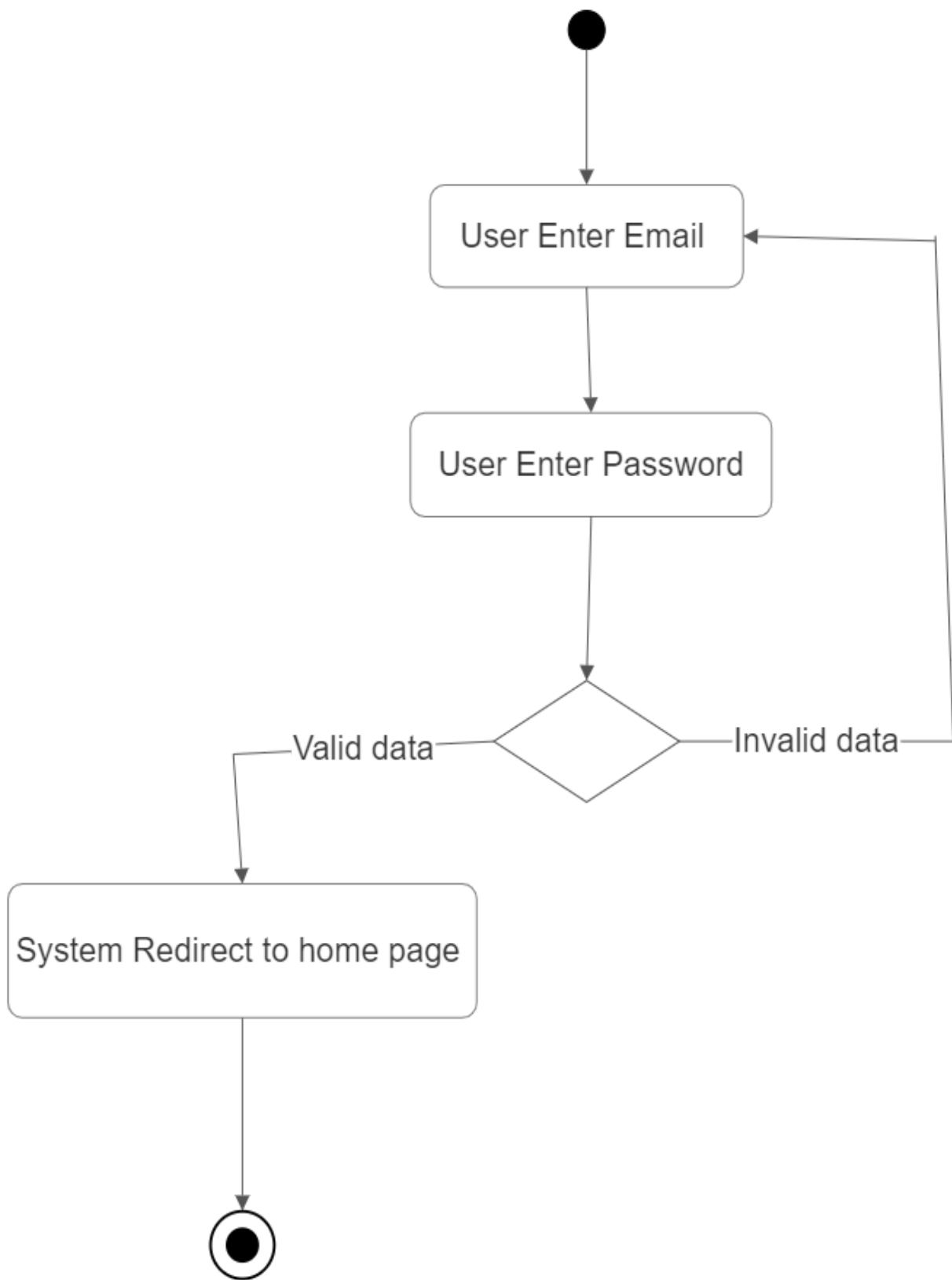
Use case



Activity diagram









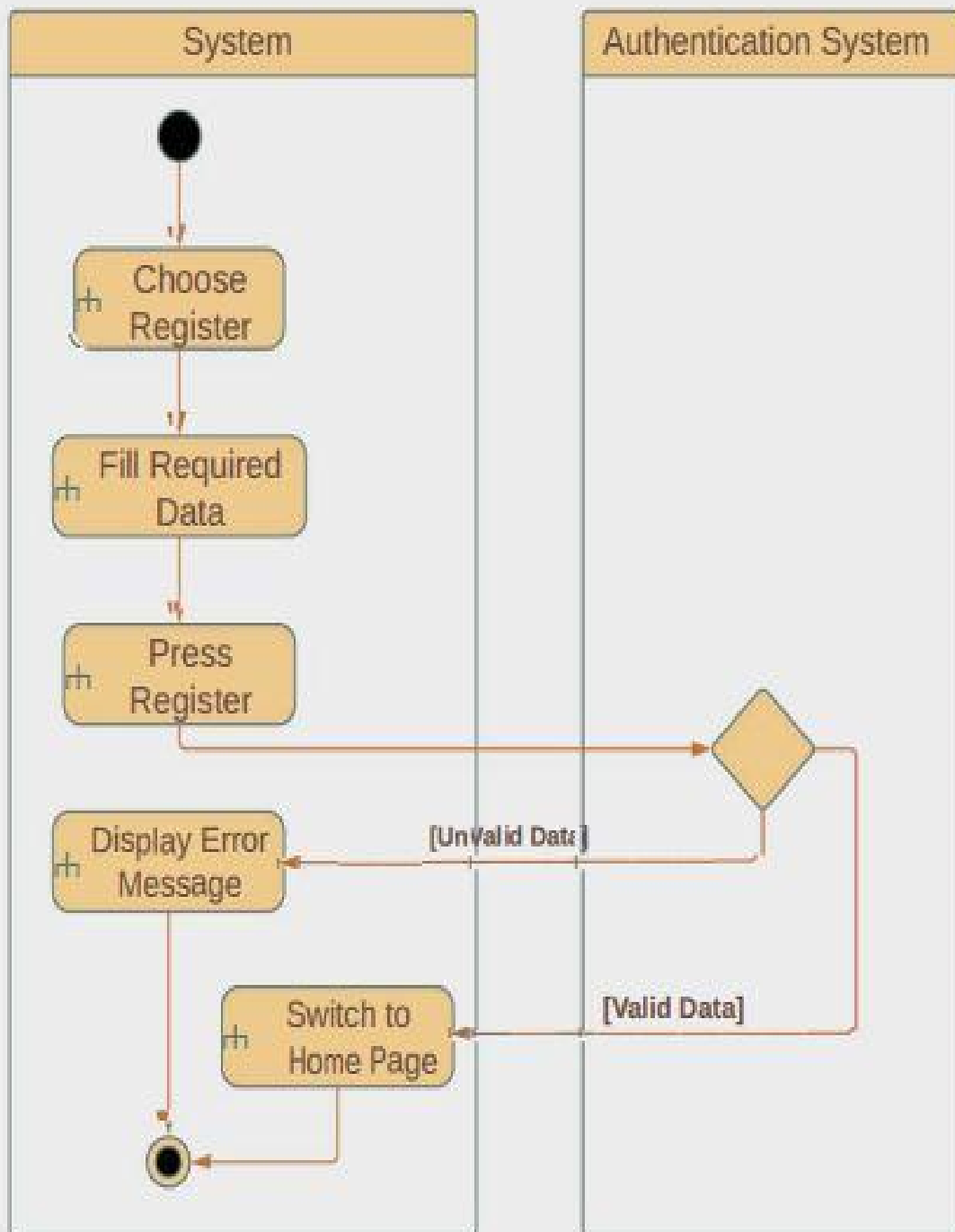
User press show more for
any product

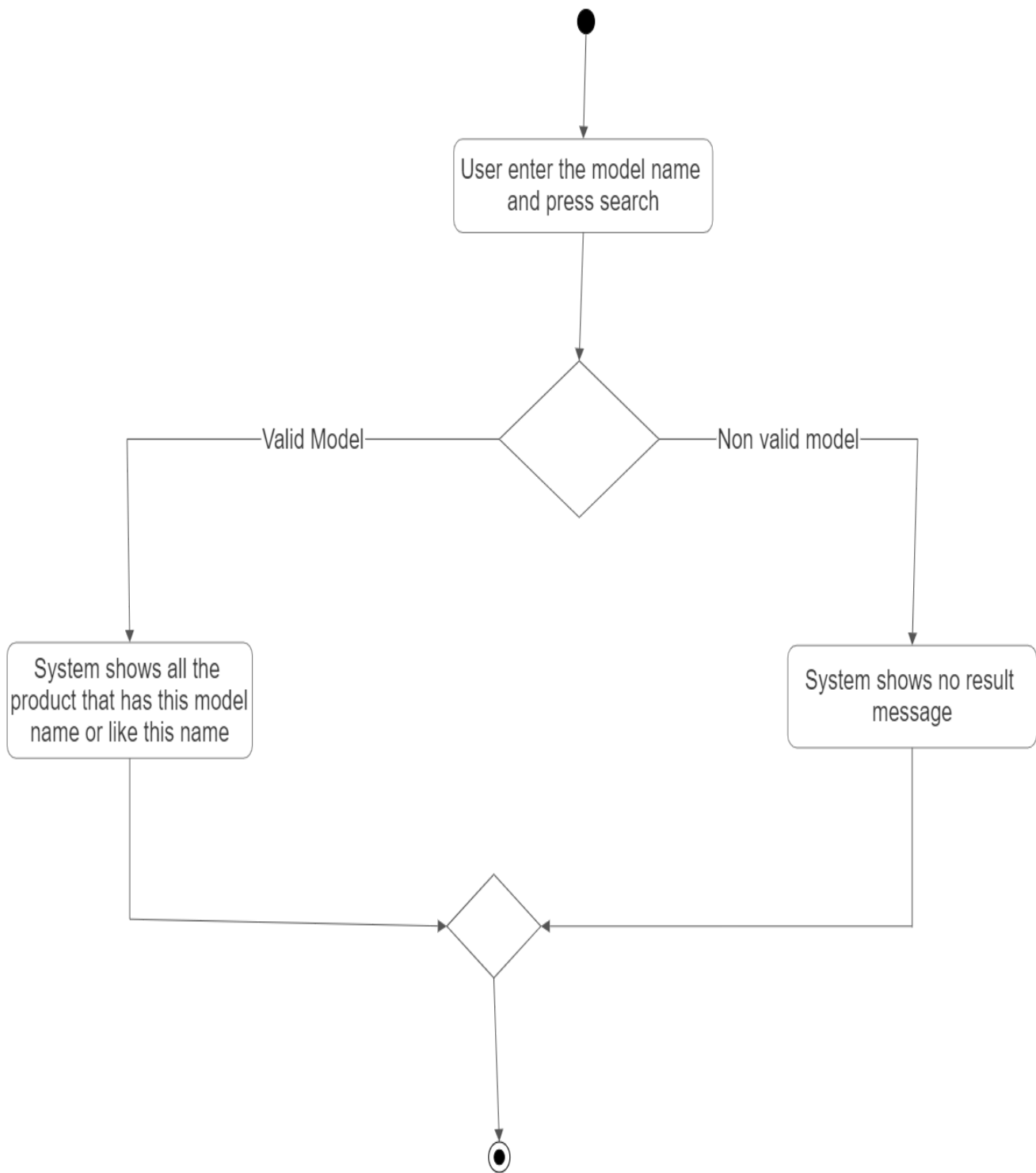


System shows product details and all
reviews about it and form to post a review

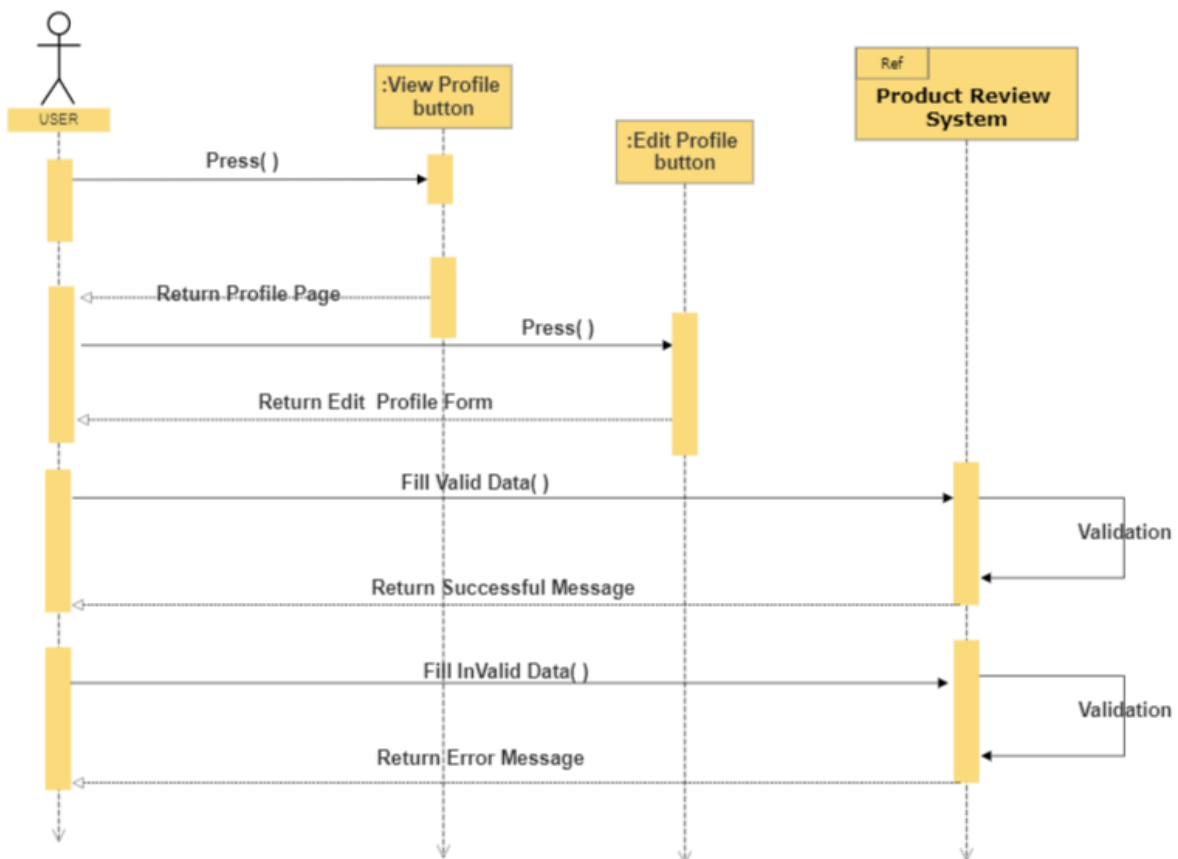
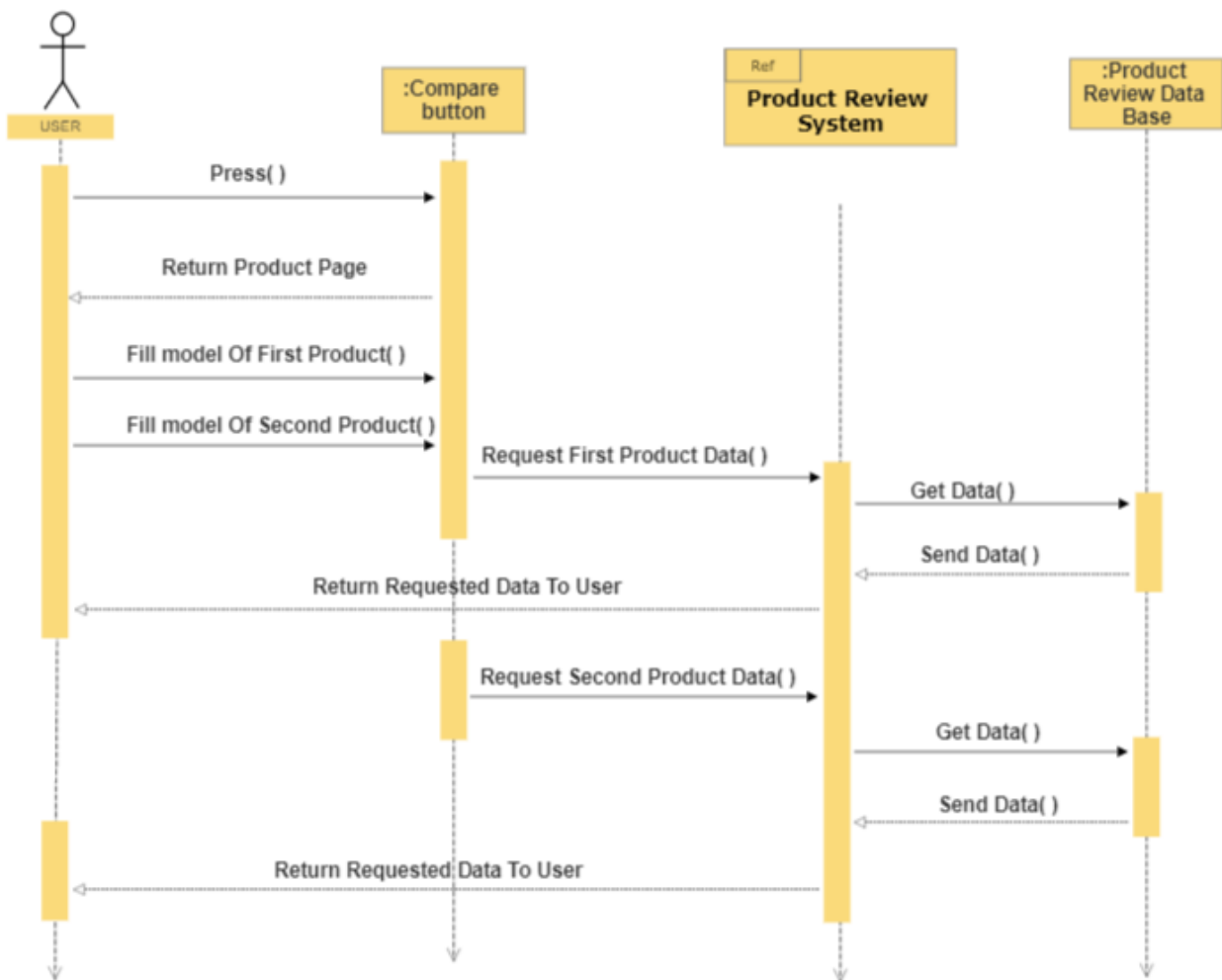


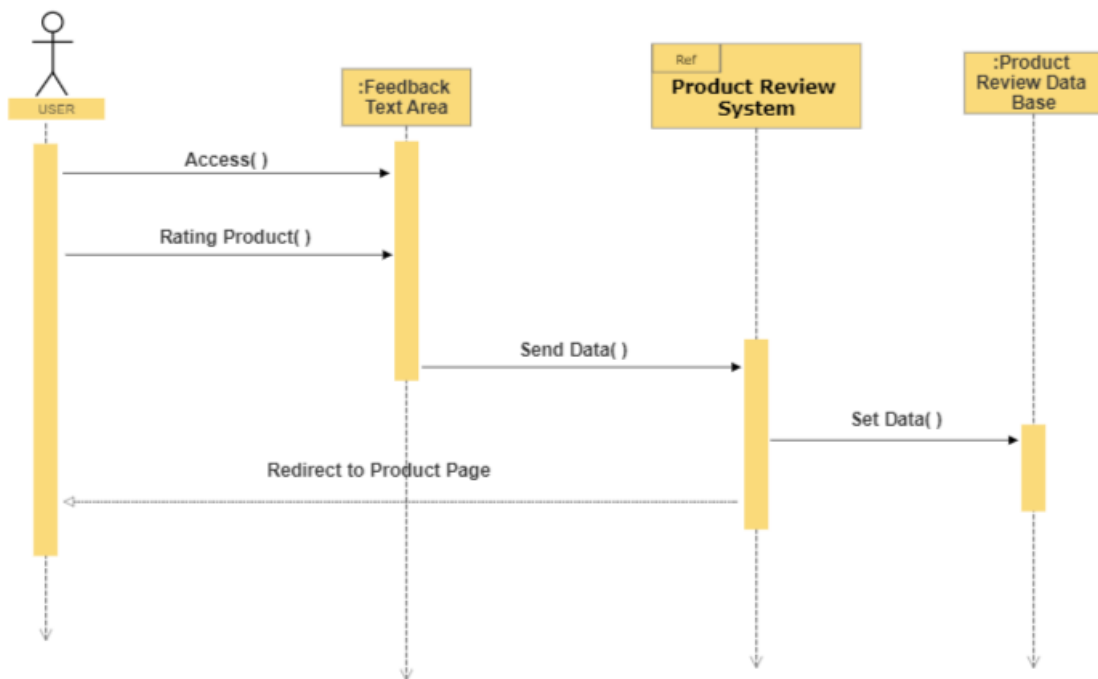
User Registration

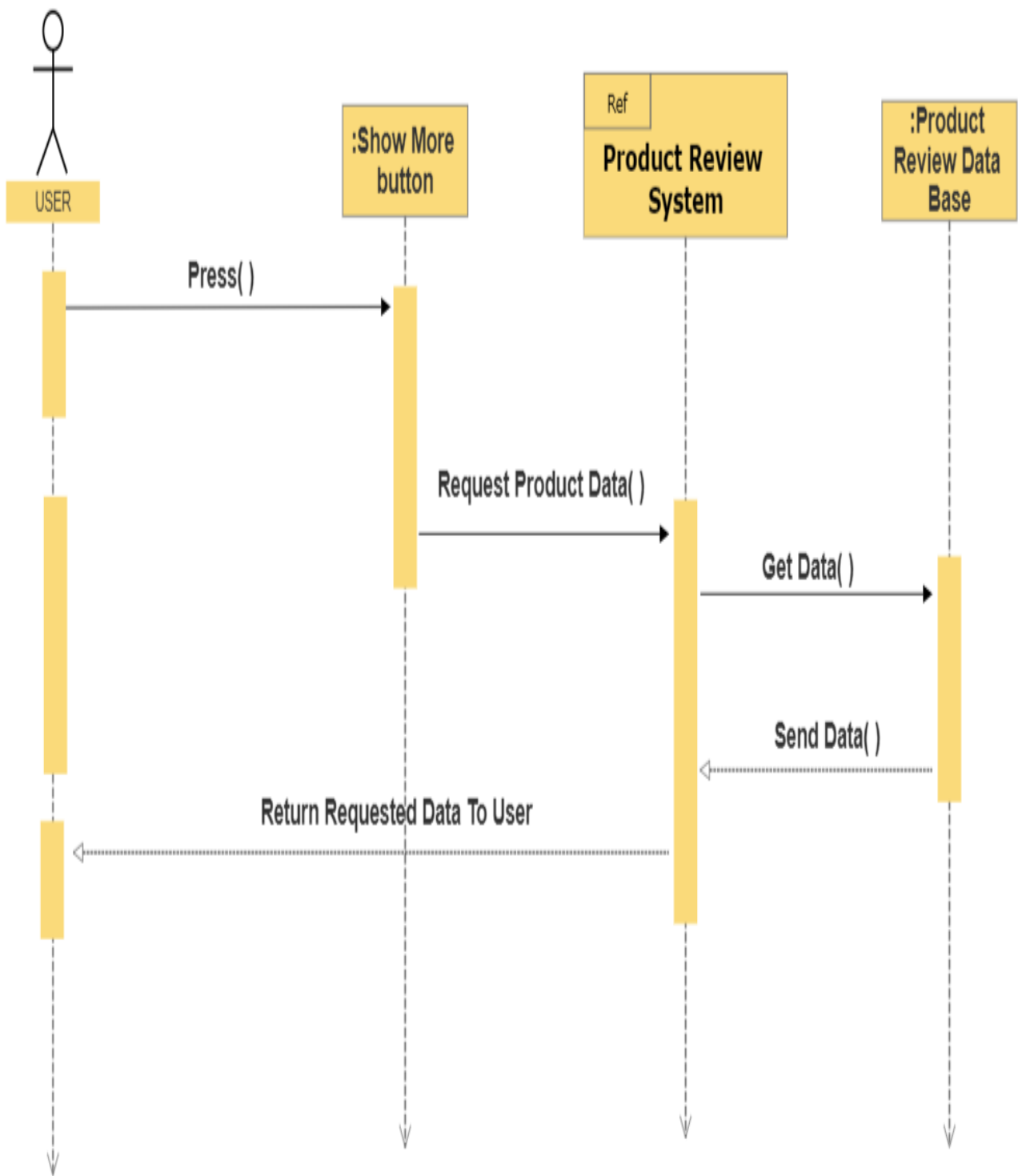


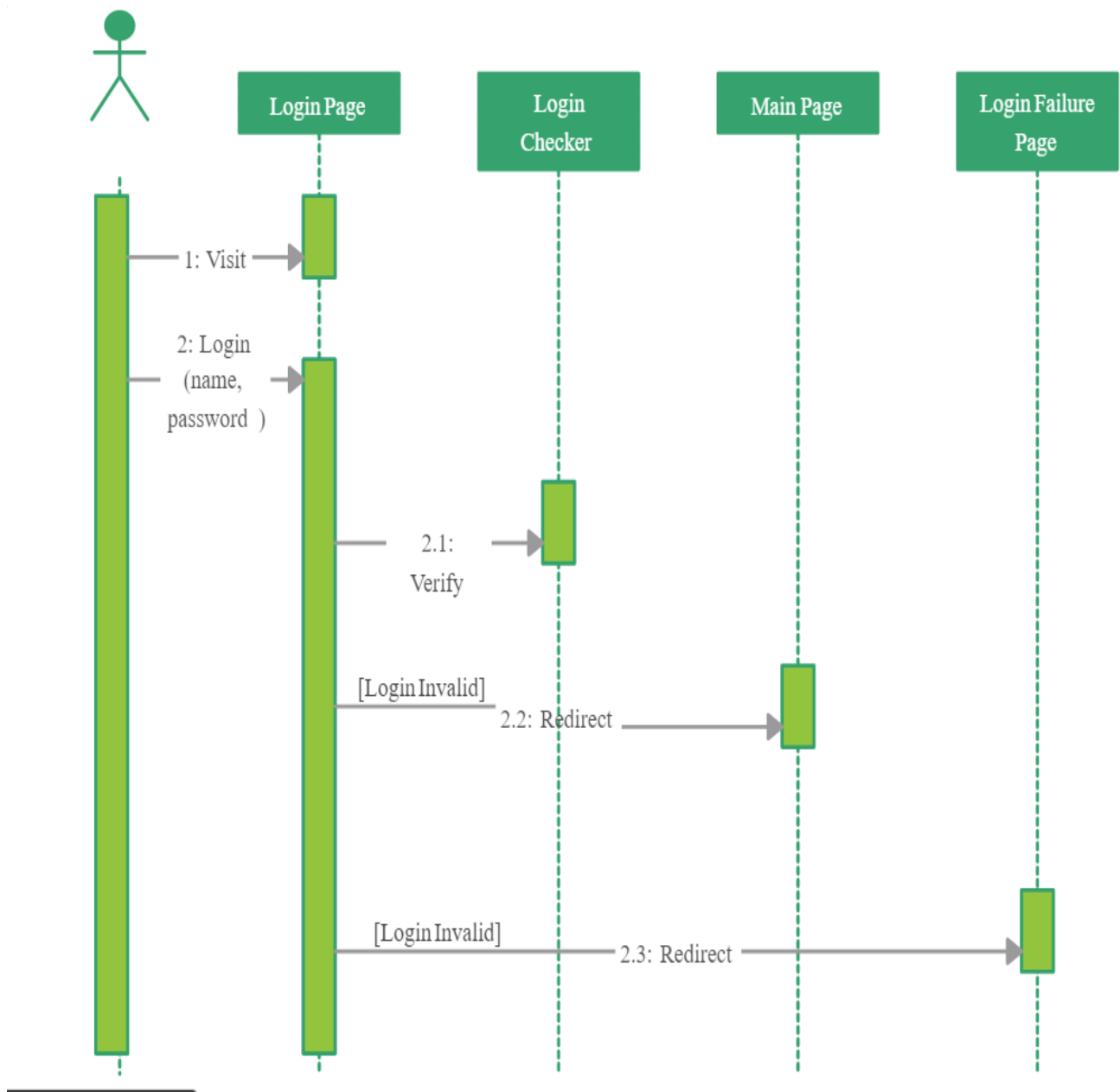


Sequence diagram

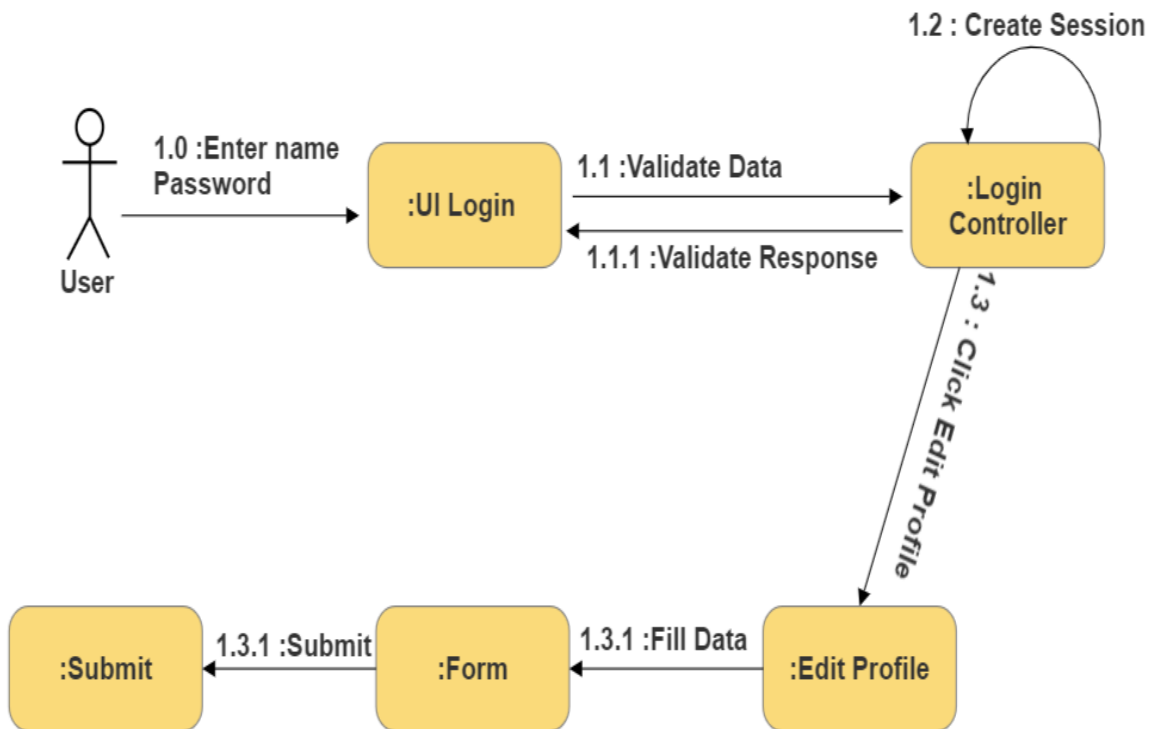
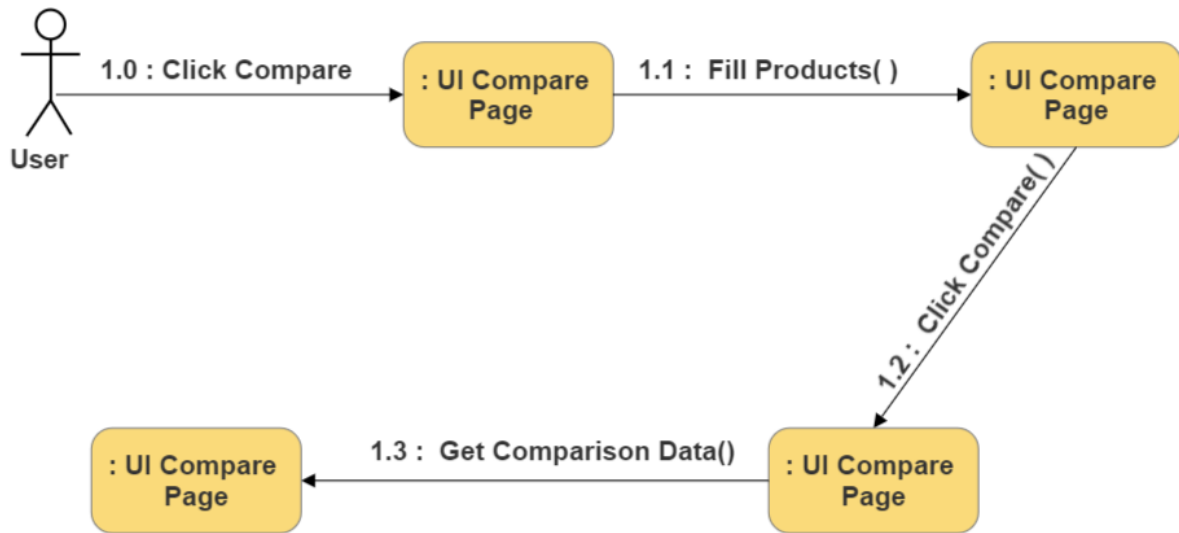


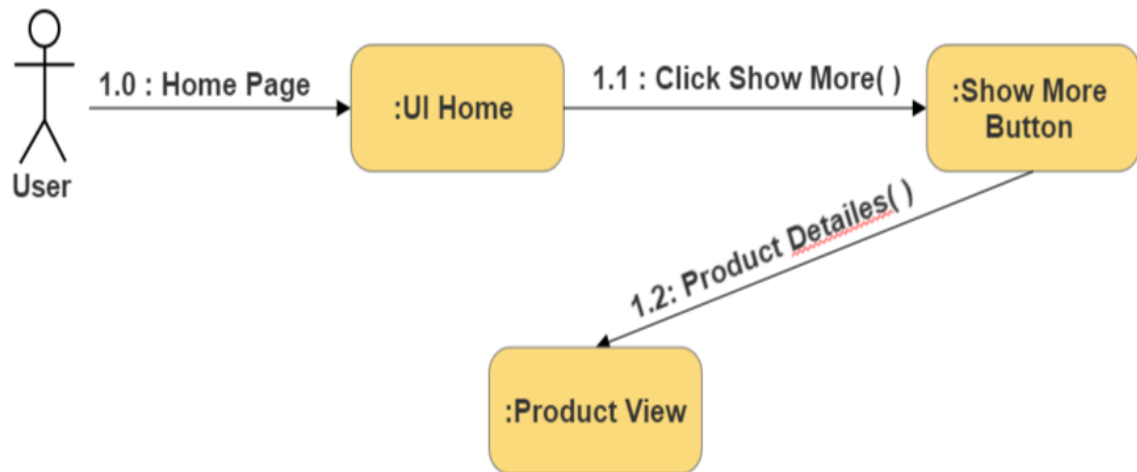
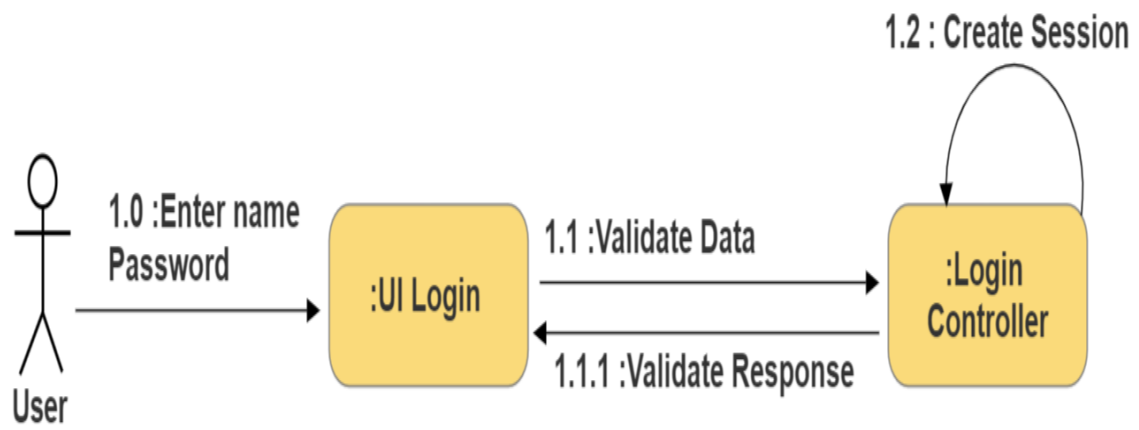




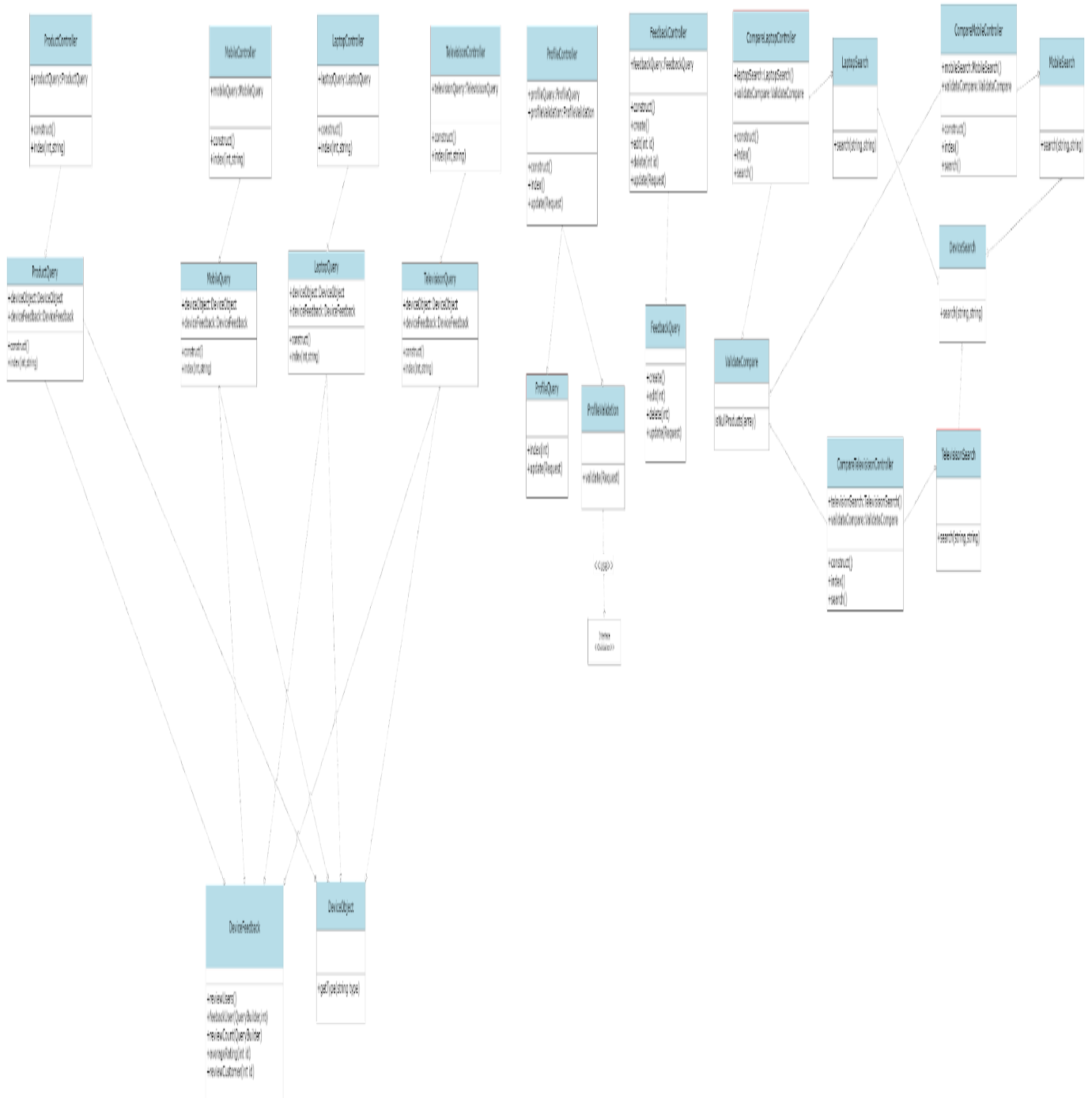


Collaboration





Class diagram



Admin

Functional and non functional requirements

Admin

Functional requirements

1.	Admin(s) shall be able to login to the system by using his password and email.
2.	Admin(s) able to view all category in system.
3.	Admin(s) able to view all product in specific category.
4.	Admin(s) shall be able to view details of specific product.
5.	Admin(s) allowed to monitor all the feedback
6.	Admin(s) adds a product by filling all the details related to the product
7.	Admin(s) shall gets a list of all the users
8.	Admin(s) shall be able to compare between two products in same category
9.	Admin(s) shall be able to edit product details or delete a product

Non-functional requirements:

1-	Admin(s) should speak English
2-	Admin(s) available from 7:00 AM to 7:00 PM

1.	<p>Admin(s) shall be able to login to the system by using his password and email.</p> <p>1. The system shall display the <u>Admin's</u> profile along with the options provided to them.</p> <p>2. The system should display a message to the Admin if the password , ID or both is wrong.</p>
2.	<p>Admin(s) able to view all category in system.</p> <p>1. The system shall display all category in system to the admin</p>
3.	<p>Admin(s) able to view all product in specific category.</p> <p>1. The system shall display all product in system to the admin</p>
4.	<p>Admin(s) shall be able to view details of specific product.</p> <p>1. The system shall display all details of specific product in system to the admin.</p>

5.	<p>Admin(s) allowed to monitor all the feedback</p> <p>1.The admin must receive the feedback from the user</p> <p>2.The admin must remove user's feedback</p>
6.	<p>Admin(s) adds a product by filling all the details related to the product</p> <p>1.The system must allow <u>admin's</u> filling all the details related to the product</p>
7.	<p>Admin(s) shall gets a list of all the users</p> <p>1. The system must allow <u>admin's</u> gets a list of all the users</p>
8.	<p>Admin(s) shall be able to compare between two products in same category</p> <p>1. The system must allow <u>admin's</u> to compare between two products in same category by choose compare button</p>
9.	<p>Admin(s) shall be able to edit product details or delete a product</p> <p>1. system open edit place to edit information about product or details.</p> <p>2. The system must allow <u>admin's</u> to delete a product</p>

Use case scenario

Admin Module

1.

Name	<u>UC-A-1</u> Admin- log in.
Initiator	Admin.
Goal	The admin shall log in to the system.
<u>Pre-</u> condition	The person trying to log in must be admin
Post- condition	The admin log in to the system and go to their own profile.
Main success scenario	1. The admin shall write the username and password 2. After pressing the log in button, the system shall display the <u>admin's</u> profile along with the options provided to them.
Extension s	2.1 If the person trying to log in enters wrong username or password or the person is not an

	admin. 2.1. a The system shall display an error message.
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.2

Name	<u>UC-A-2</u> Add product.
Initiator	Admin
Goal	Add a product to be available on system.
<u>Pre-condition</u>	Admin shall log in first.
Post-condition	The product(s) shall be available to users along with details.
Main success scenario	<ol style="list-style-type: none"> 1. The admin shall add a product related to specific company. 2. The admin shall provide many comparisons for each product. 4. After pressing "add product" button, the

	product will be provided to users to be <u>ble</u> to show it
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.3

Name	<u>UC-A-3.</u>
Initiator	Admin.
Goal	Show details about a specific user.
<u>Pre-</u> condition	1. Admin shall log in first. 2. The user must be a member in the system.
post- condition	The system displays all information about the required user.
Main success scenario	1. The admin enter the Id of the user to search for. 2. The system displays the required results about the required user. 3. The admin shall then view all detail about user

	including name, id, etc...
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4.

Name	<u>UC-A-4.</u>
Initiator	Admin.
Goal	view a product(s) in system.
<u>Pre-</u> condition	Admin shall log in first.
post- condition	The product(s) shall be available for Admin with details.
Main success scenario	<ol style="list-style-type: none">1. The admin shall view a product related to specific company.2. The admin shall provide many comparisons for each product.3. After pressing "view product" button, the product will be provided to admin

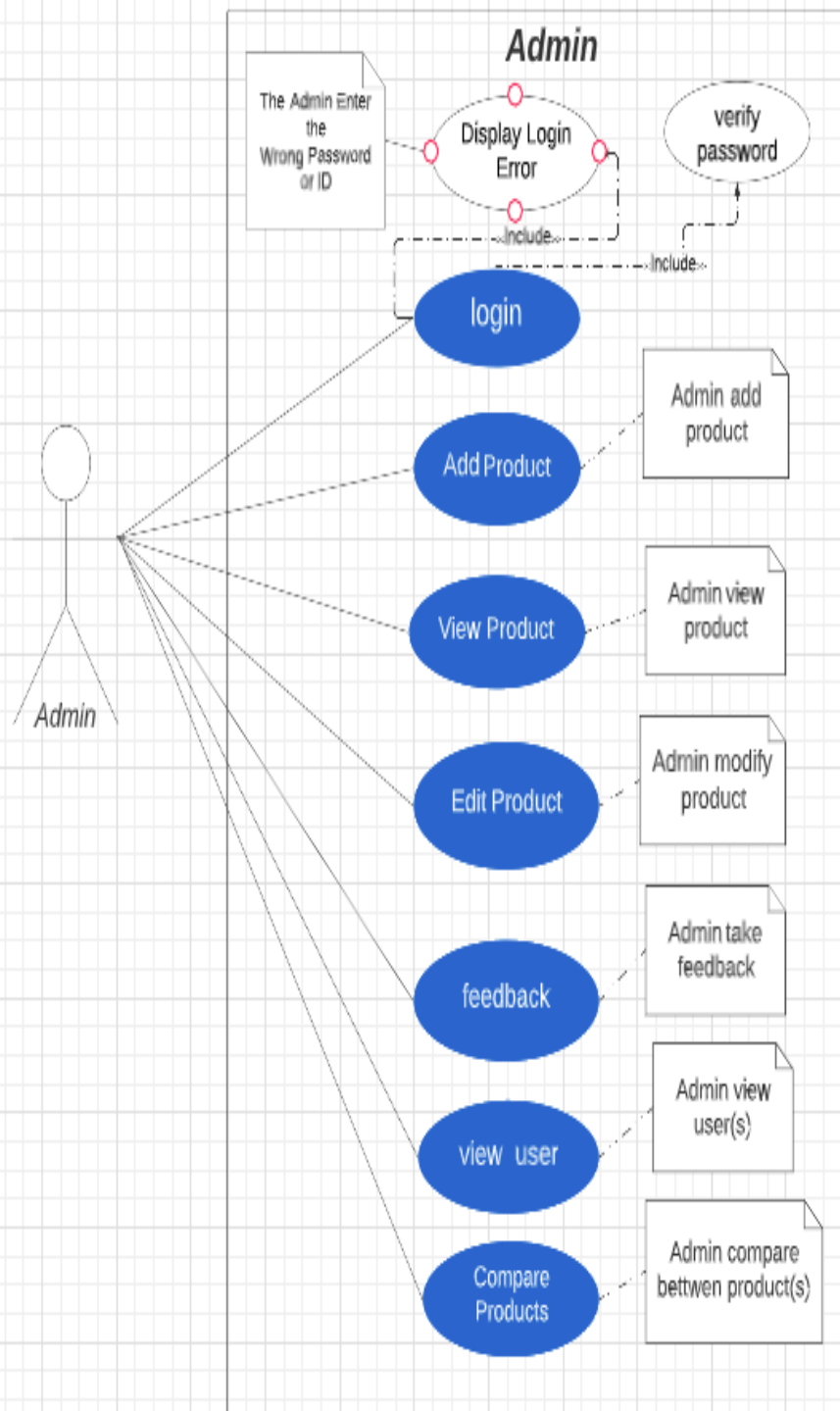
5.

Name	<u>UC-A-5.</u>
Initiator	Admin.
Goal	Edit a product(s) in system.
<u>Pre-</u> condition	Admin shall log in first.
post- condition	The product(s) shall be amendment by Admin.
Main success scenario	<ol style="list-style-type: none">1. The admin shall edit a product related to specific company.2. After pressing "edit product" button, the product will be amendment for all users

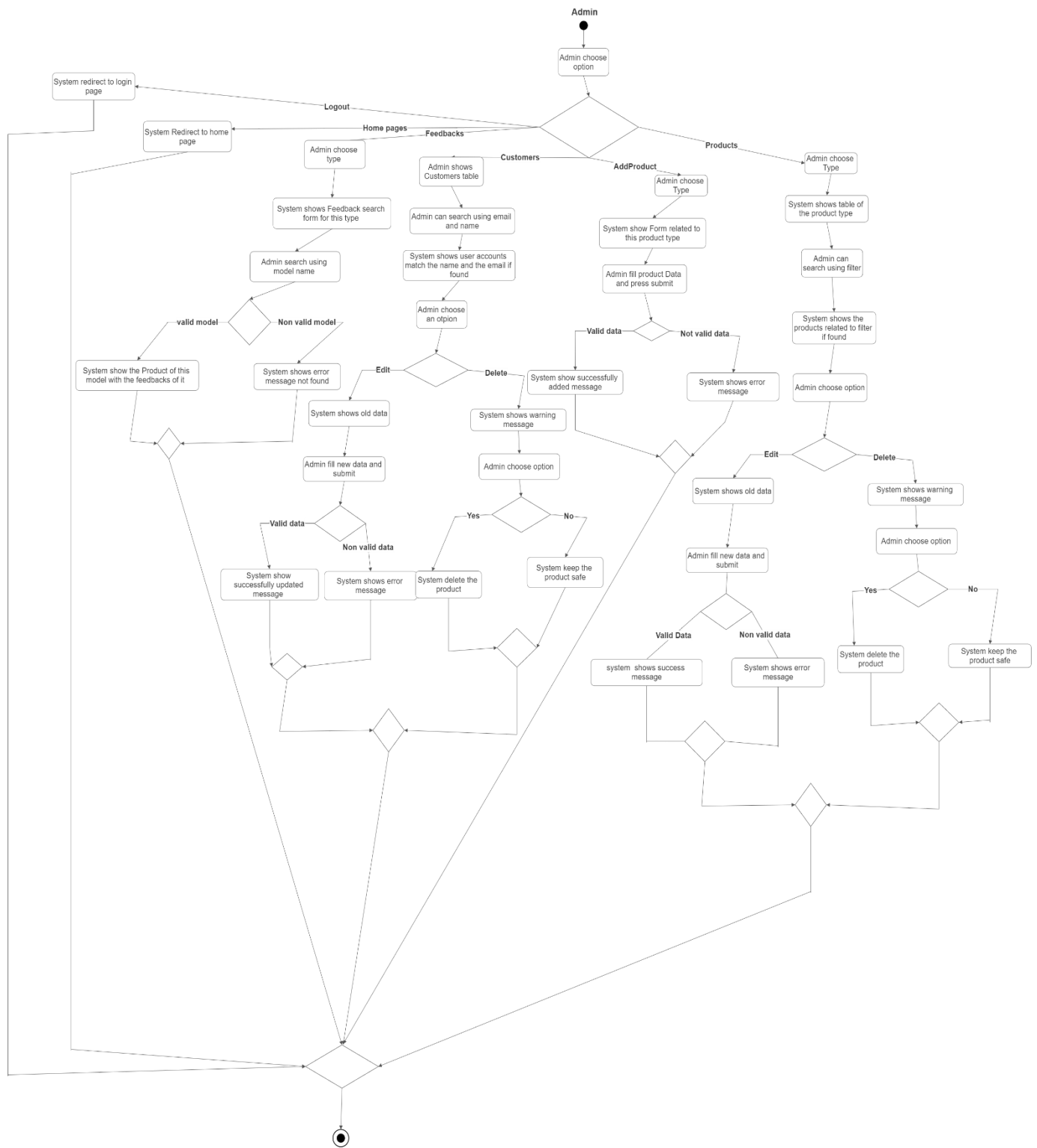
6.

Name	<u>UC-A-6.</u>
Initiator	Admin.
Goal	view user(s) in system.
<u>Pre-</u> condition	Admin shall log in first.
post- condition	The user(s) shall be viewed by Admin.
Main success scenario	<ol style="list-style-type: none">1. The admin shall viewed user(s) in system.2. After pressing "view user" button, user(s) will be viewed by admin

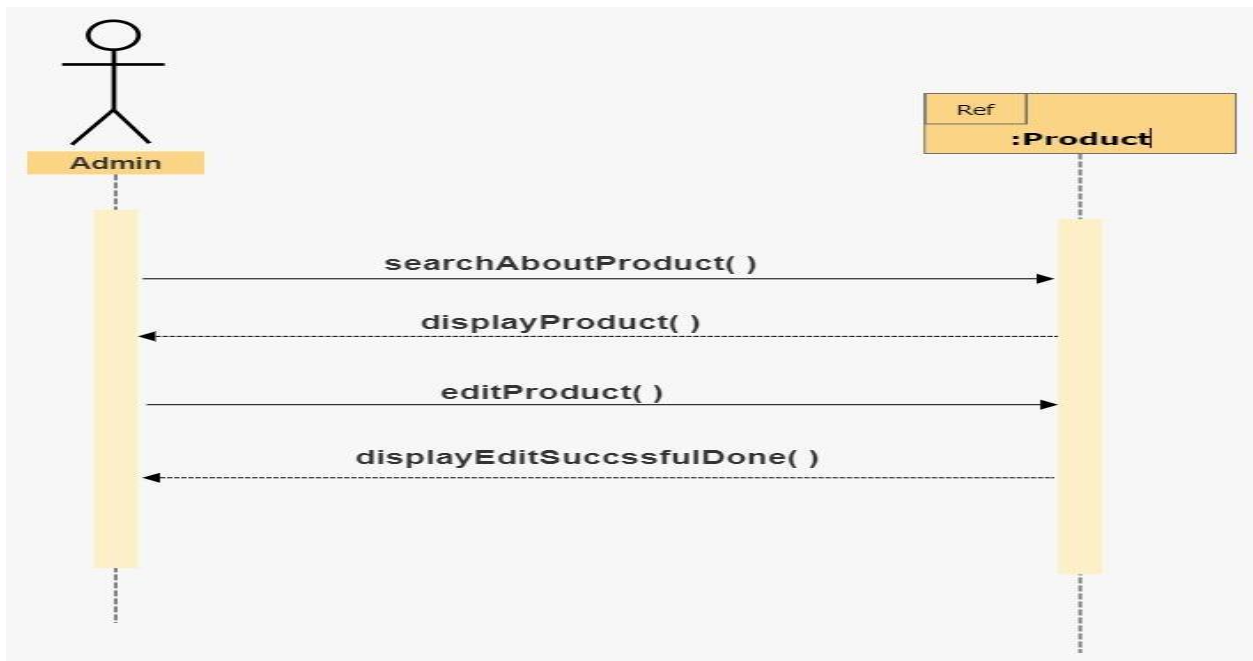
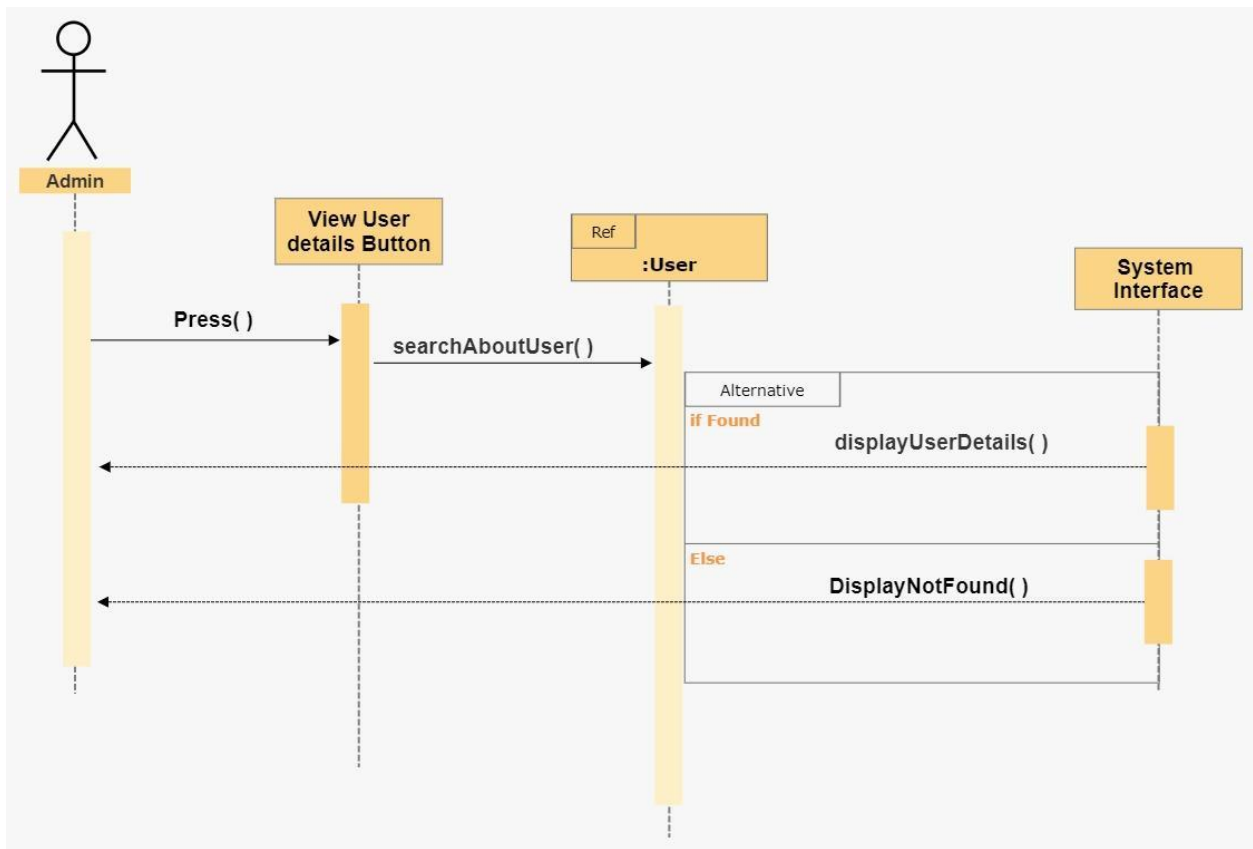
Use case diagram

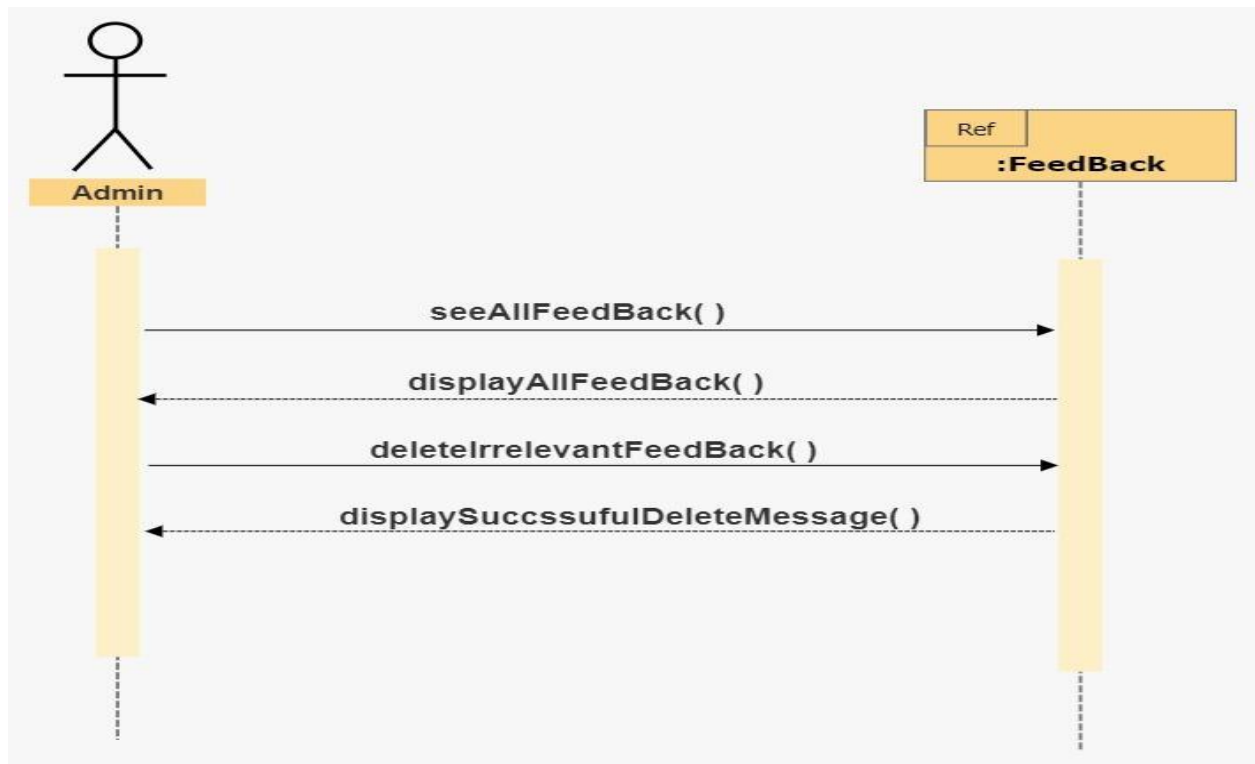


Activity diagram

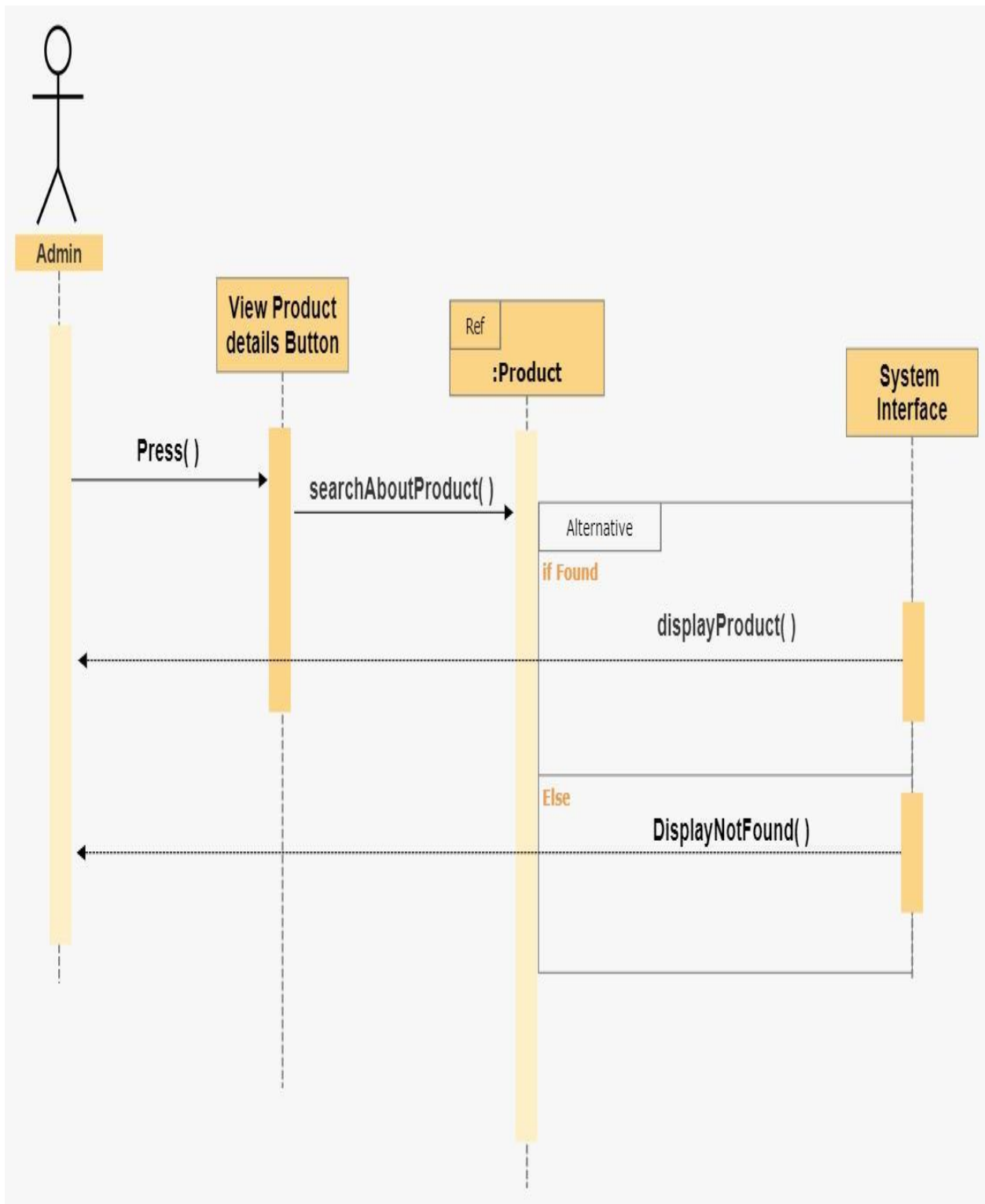


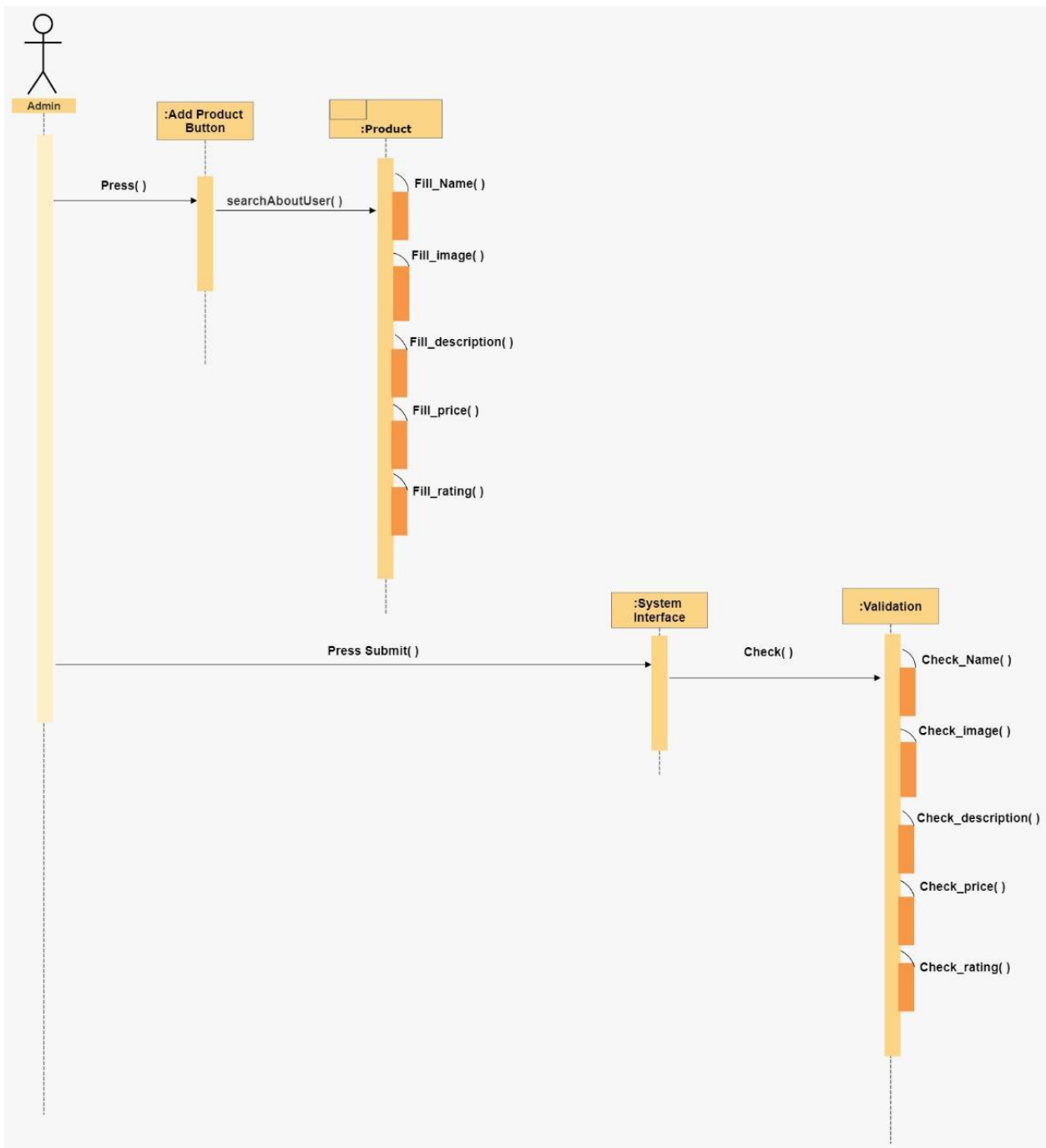
Sequence diagram

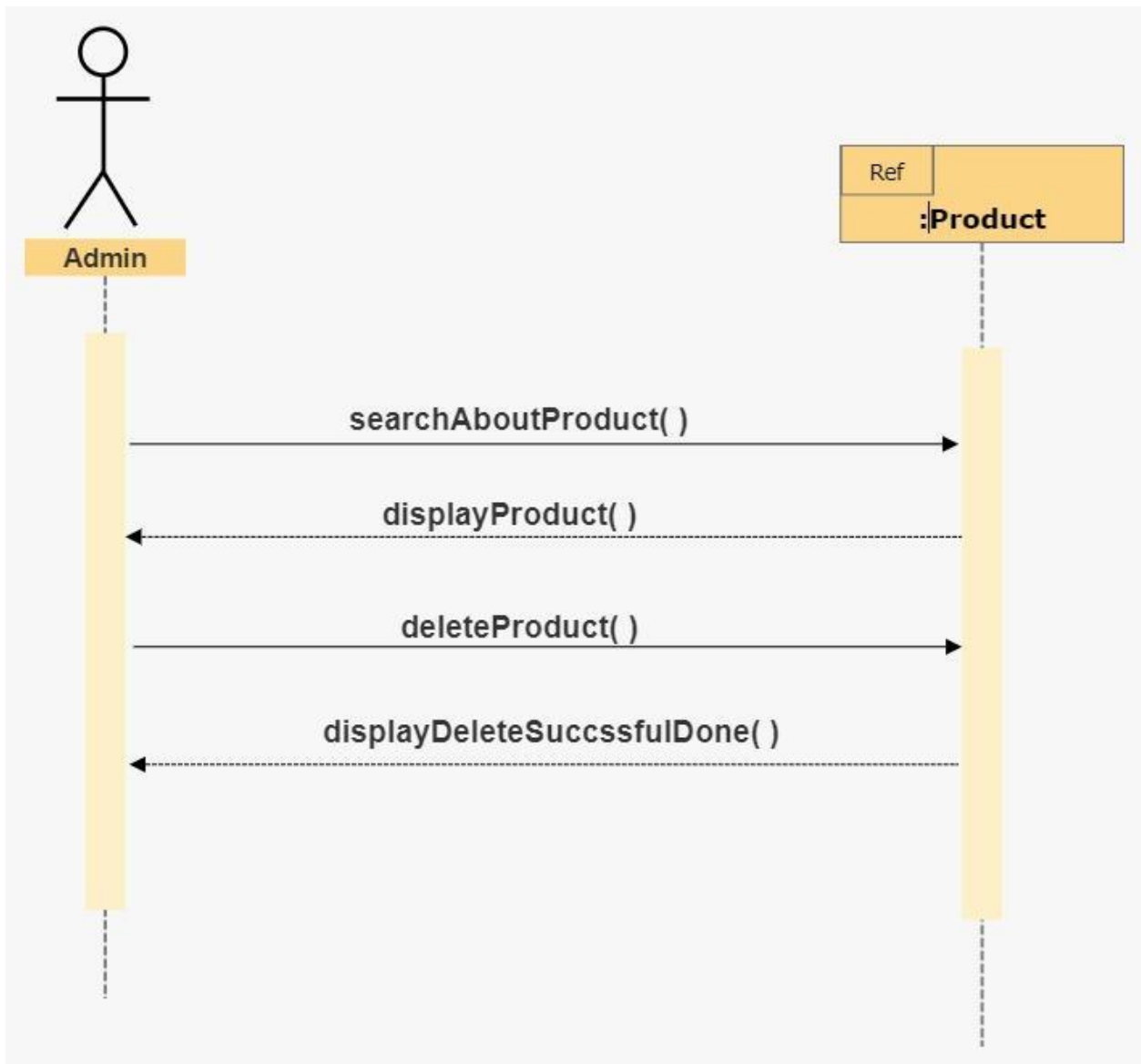


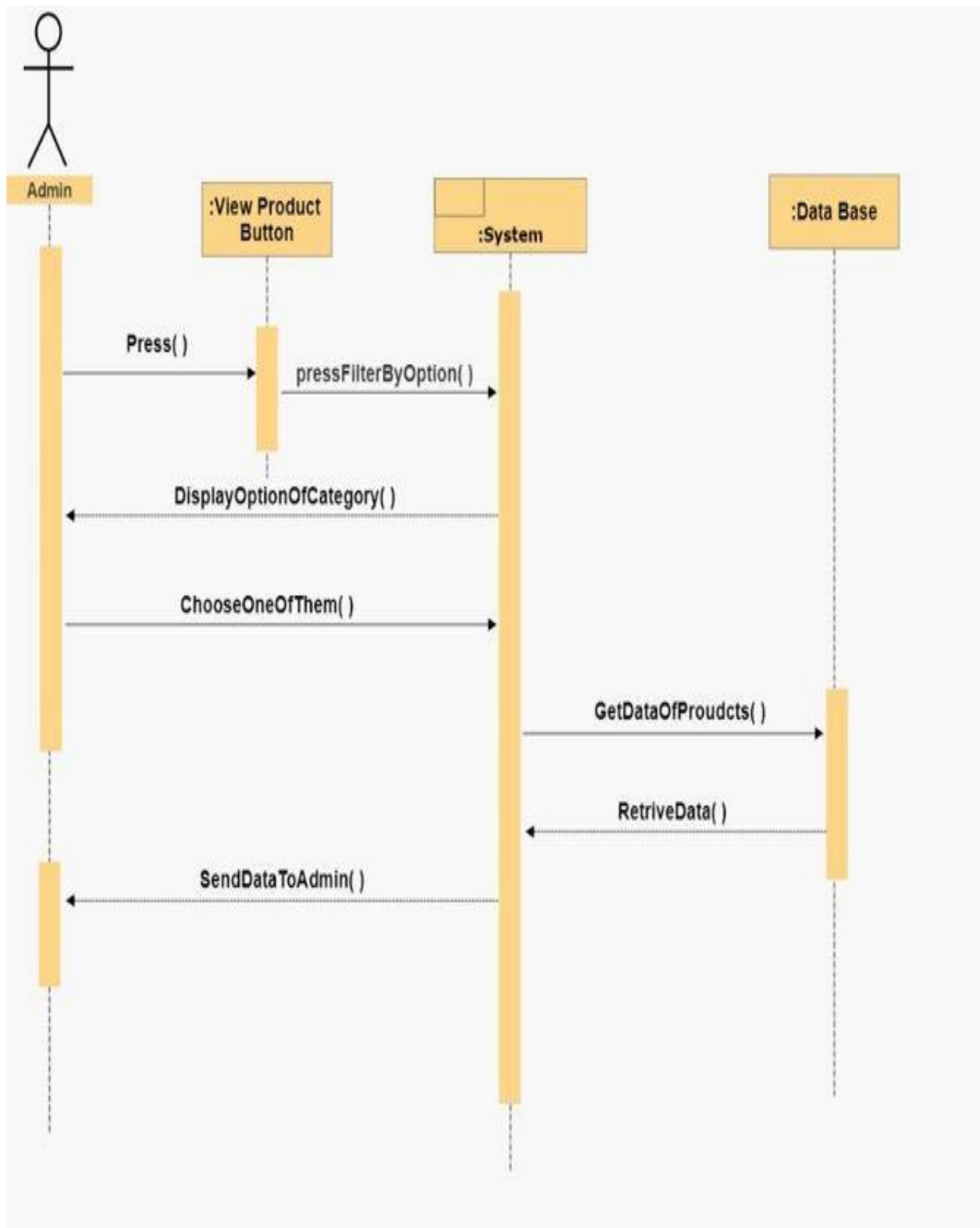












Collaboration

