Sai Raghavendra Sankrantipati

User Requirements

UR – 013 : Admin should be able to examine and decide on flagged or reported items.

UR – 007 : Customer should be able to flag or report a product.

UR – 004 : Customer should be able to view all the products available for sale or free sharing in the application.

UR – 012: Admin can add any type of user into the system.

Use Case Documentation

Use Case ID:	UC-08
Use Case Name:	add User
Description:	admin can add user to the system

Actors:	Admin		
Pre-conditions:	Admin is authenticated into system		
Post-conditions:	A user is added into the system with a specific user type.		
Frequency of Use:	Rarely.		
Flow of Events:		**Actor Action**	**System Response**
	1	Admin selects add user option in UI.	
	2	Admin fills details of user like name, email, DOB, picture.	
	3	Admin selects create user option in UI.	System saves information of new user.
Variations:	3. An error message is displayed if the required details aren't filled and asks to refill the details.		
Exceptions:			
Developer Notes:			

Use Case ID:	UC-09
Use Case Name:	Remove user
Description:	admin can remove user from the system

Actors:	Admin		
Pre-conditions:	Admin is authenticated into system		
Post-conditions:	User is removed from the system.		
Frequency of Use:	Rarely.		
Flow of Events:		**Actor Action**	**System Response**
	1	Admin selects view user option in UI.	System retrieves information of user.
	2	Admin selects remove user option.	System removes user from the system
Variations:			
Issues:			
Developer Notes:			

Use Case ID:	UC-010
Use Case Name:	View flagged products list
Description:	admin can view flagged products list.

Actors:	Admin		
Pre-conditions:	Admin is authenticated into system		
Post-conditions:	Admin can view all the flagged products list.		
Frequency of Use:	frequently.		
Flow of Events:		**Actor Action**	**System Response**
	1	Admin selects view flagged items list option in UI.	System retrieves information of all flagged items.
	2		UI displays all the flagged items.
Variations:			
Exceptions:			
Developer Notes:			

Use Case ID:	UC-011
Use Case Name:	View flagged product
Description:	admin can view flagged product details.

Actors:	Admin		
Pre-conditions:	Admin is authenticated into system and selected view flagged products list.		
Post-conditions:	Admin can view details of flagged item		
Frequency of Use:	Frequently.		
Flow of Events:		Actor Action	System Response
	1	Admin selects product from flagged items list.	System retrieves information of the flagged product.
	2		Flagged item details are displayed
Variations:			
Exceptions:			
Developer Notes:			

Use Case ID:	UC-012
Use Case Name:	Remove flagged item.
Description:	Admin will view product and decides to remove product if it has offensive content

Actors:	Admin		
Pre-conditions:	Admin is authenticated into system and selected view flagged product from a list of all flagged products.		
Post-conditions:	Flagged item is removed from the system		
Frequency of Use:	rarely.		
Flow of Events:		Actor Action	System Response
	1	Admin examines the product.	
	2	Admin selects remove option of the item.	System removes item from the database.
Variations:	2. Admin can delete flag instead of product.		
Exceptions:			
Developer Notes:			

Use Case ID:	UC-013
Use Case Name:	Remove flag.
Description:	Add can remove flag of product.

Actors:	Admin		
Pre-conditions:	Admin is authenticated into system and selected view flagged product details.		
Post-conditions:	Flag of the product is removed from the product.		
Frequency of Use:	rarely.		
Flow of Events:		**Actor Action**	**System Response**
	1	Admin examines the details and description of the flag and product.	
	2	Admin selects remove option of the flag.	System removes flag on item in the database.
Variations:	2. If the flag is convincing enough admin remove product rather than flag.		
Exceptions:			
Developer Notes:			

Use Case ID:	UC-014
Use Case Name:	View all users.
Description:	Admin can view all the users present in the system

Actors:	Admin		
Pre-conditions:	Admin is authenticated into system.		
Post-conditions:	Admin can view all the users in the system		
Frequency of Use:	frequently.		
Flow of Events:		**Actor Action**	**System Response**
	1	Admin selects all the users option in UI	System retrieves all the users info from the system.
	2		All the users and their details are displayed.
Variations:			
Exceptions:			
Developer Notes:			

Use Case ID:	UC-015
Use Case Name:	View Product Details
Description:	Allows the customer to view details of a product of interest

Actors:	Customers	
Pre-conditions:	The product should either be a free shared product or inventory product available for purchase.	
Post-conditions:	User will be displayed with product's details.	
Frequency of Use:	Reasonably Frequently	
Flow of Events:	S.No	Actor Action	System Response
	1)	Select to view list of products	Retrieves list of freely shared products or inventory products available for purchase.
	2)	Select to view a free shared product	Retrieves product details
			File attached to the freely shared item gets opened.
Variations:	2)Select to view an inventory product.	
Notes and Exceptions:		
Developer Notes:		

Use Case ID:	UC-016
Use Case Name:	View Products List
Description:	Allows the customer to view a list of products

Actors:	Customers		
Pre-conditions:	The product should either be a free shared product or inventory product available for purchase.		
Post-conditions:	User will be displayed a list of products.		
Frequency of Use:	Reasonably Frequently		
Flow of Events:	S.No	Actor Action	System Response
	1)	Select to view list of products in UI.	Retrieves list of freely shared products or inventory products available for purchase.
Variations:			
Notes and Exceptions:			
Developer Notes:			

Use Case ID:	UC-017
Use Case Name:	Flag Product
Description:	Allows the customer to flag a product.

Actors:	Customers
Pre-conditions:	The product being flagged can either be a free shared product or an inventory product which has not been purchased yet by other users in the platform i.e. it should be available for purchase.
Post-conditions:	The product gets added to the list of flagged products which the Admin later reviews and decides on whether to remove the flagged product or remove the flag on the product..
Frequency of Use:	Reasonably frequently since the customers are prone to add spam or involve in uploading offensive content.

Flow of Events:	S.No	Actor Action	System Response
	1)	Select to view list of products.	Retrieve list of shared products and inventory products available for purchase.
	2)	Select one of the product in the list of products.	Returns details of the product.
	3)	The customer finds the product to be offensive or to be spam and flags it.	Add the product to list of flagged products which the admin would later review.

Variations:	
Notes and Exceptions:	
Developer Notes:	

Activity Diagrams

Take action on flagged product:
Requirement ID: UR013
Use Case Id: UC10, UC11, UC12, UC13
Description: For a flagged or reported item, admin would examine and decide on the flag. Admin can either delete the product or remove the flag.
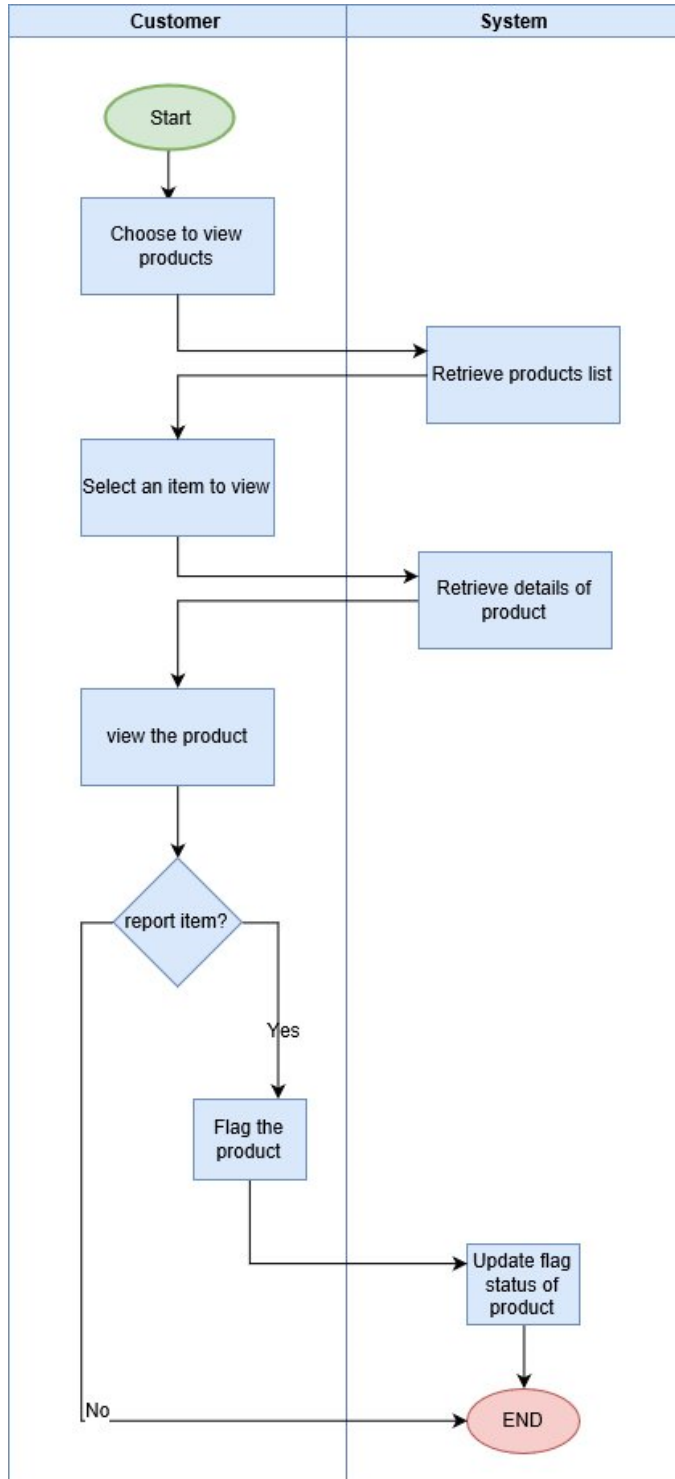**Implemented by:** Sai Raghavendra Sankrantipati
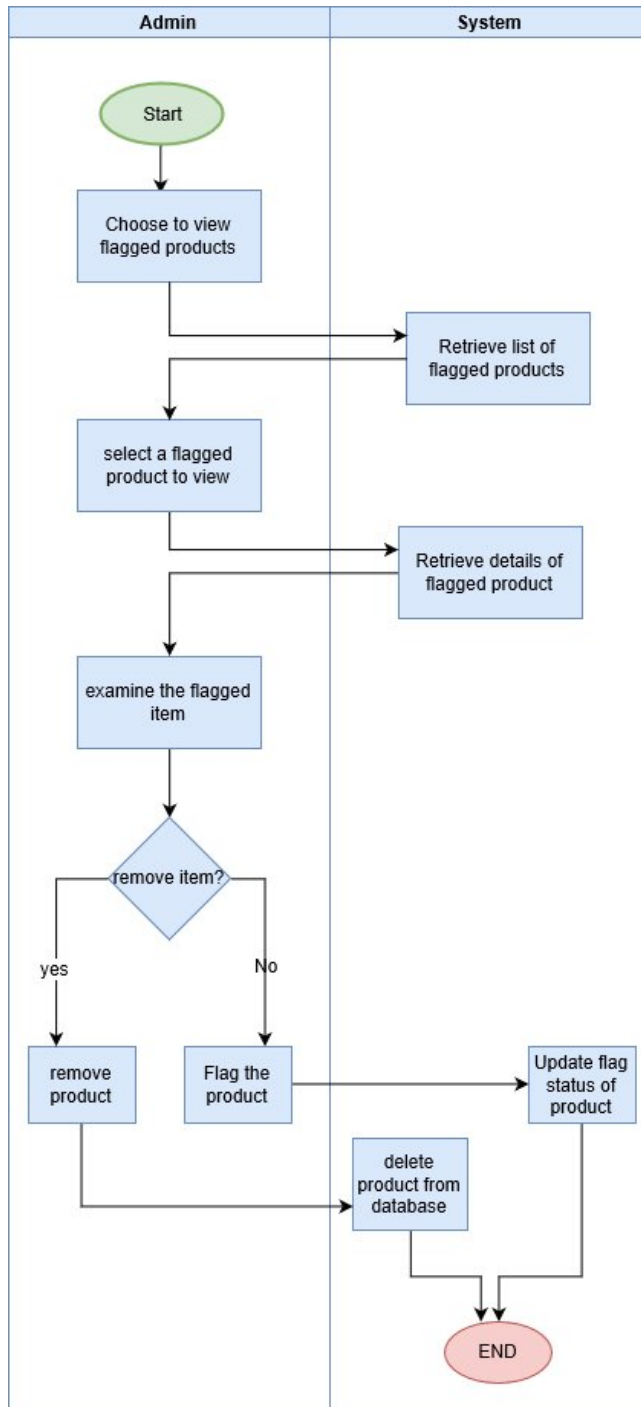
Report or flag a product:
Requirement ID: UR007
Use Case Id: UC15, UC16, UC17
Description: While viewing a product, customer can report it by flagging the product. For example, if a product for sale, has no price on it.
Implemented by: Sai Raghavendra Sankrantipati

Sequence Diagrams

Remove flag on flagged product:

Requirement ID: UR013
Use Case Id: UC11, UC12
Description: For a flagged or reported item, admin would examine and decide on the flag. Admin can either delete the product or remove the flag. This sequence diagram is for removing flag.
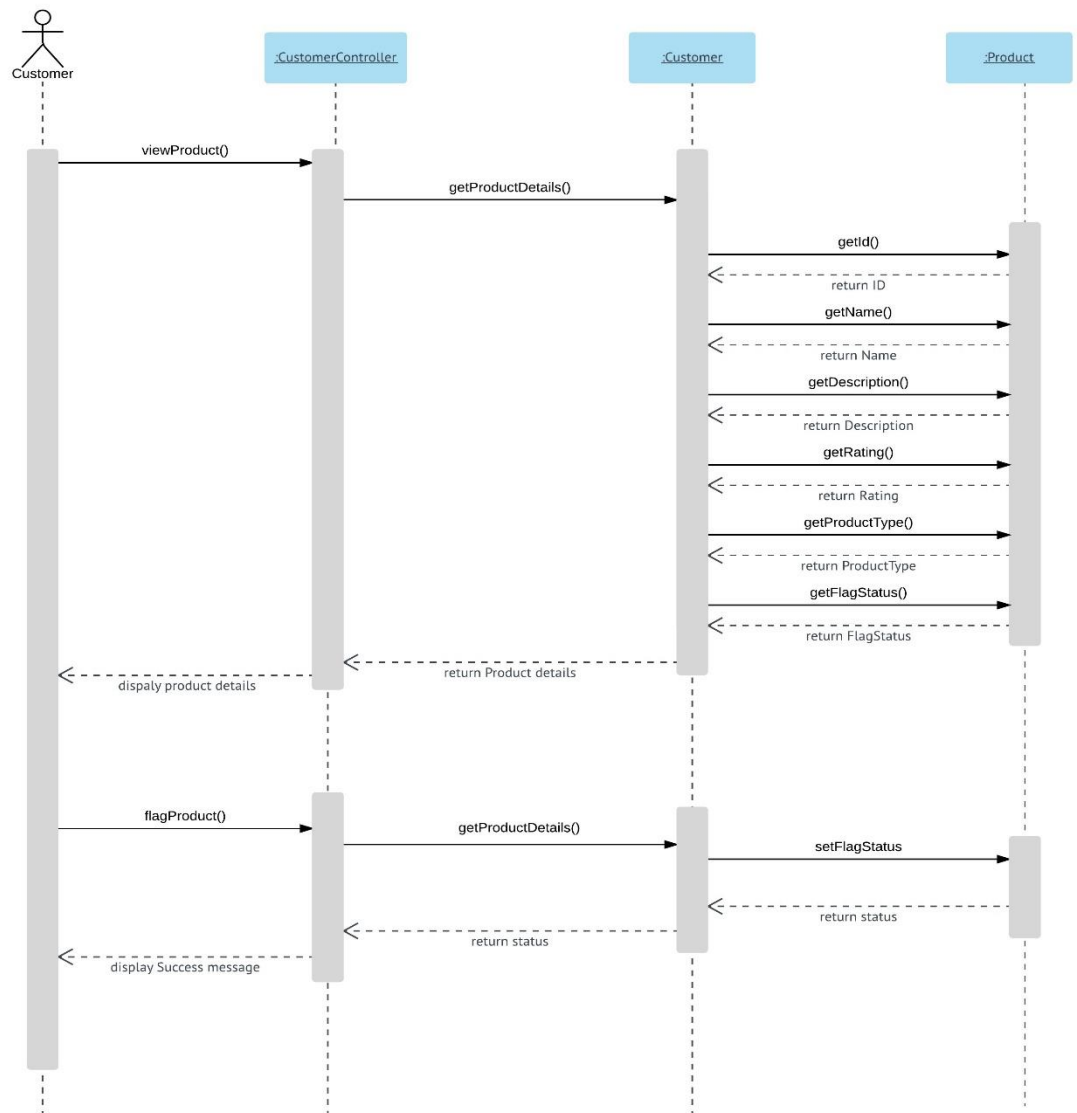**Implemented by:** Sai Raghavendra Sankrantipati
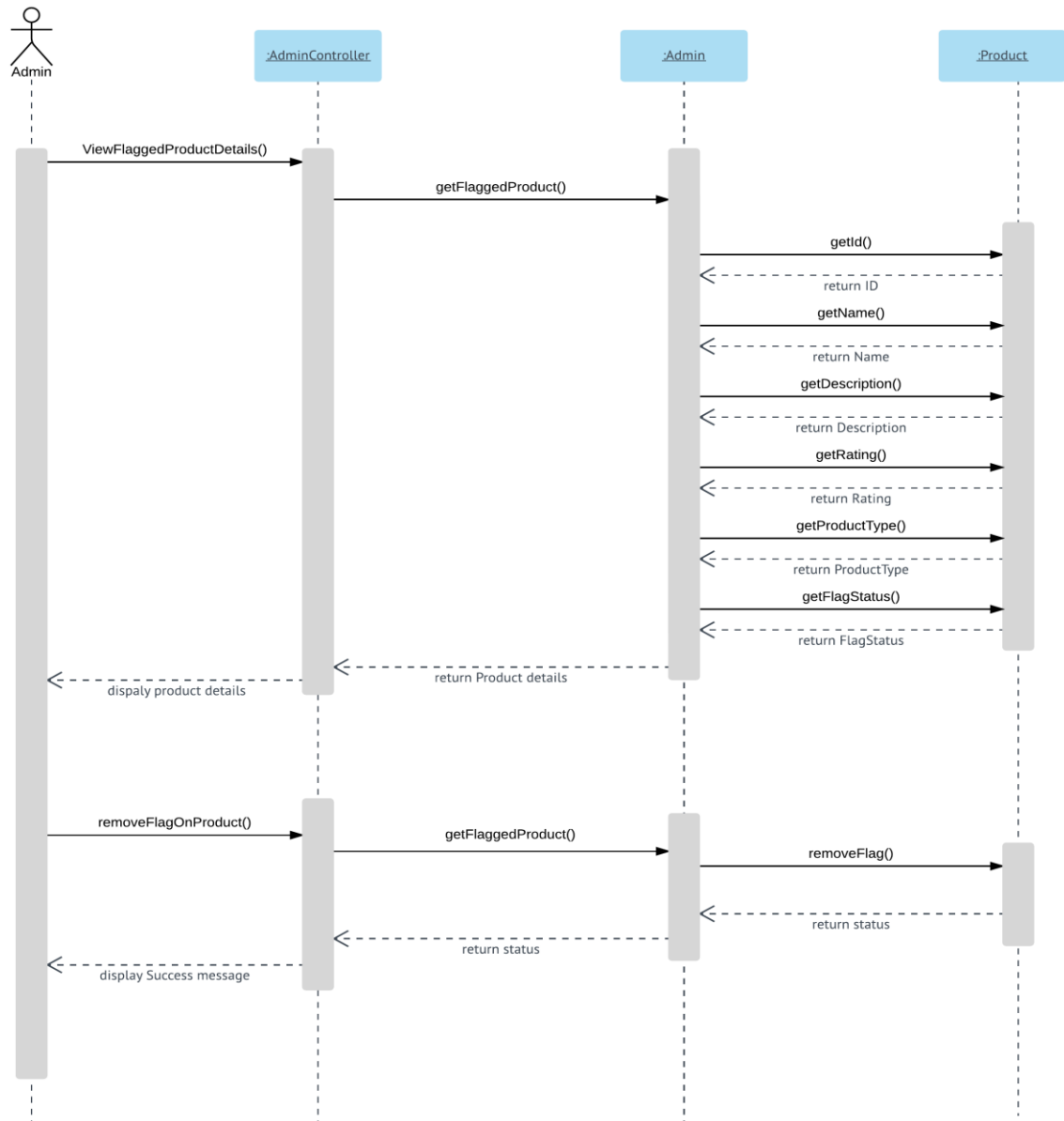
Remove flagged product:

Requirement ID: UR013
Use Case Id: UC11, UC13
Description: For a flagged or reported item, admin would examine and decide on the flag. Admin can either delete the product or remove the flag. This sequence diagram is for removing flagged product.
Implemented by: Sai Raghavendra Sankrantipati
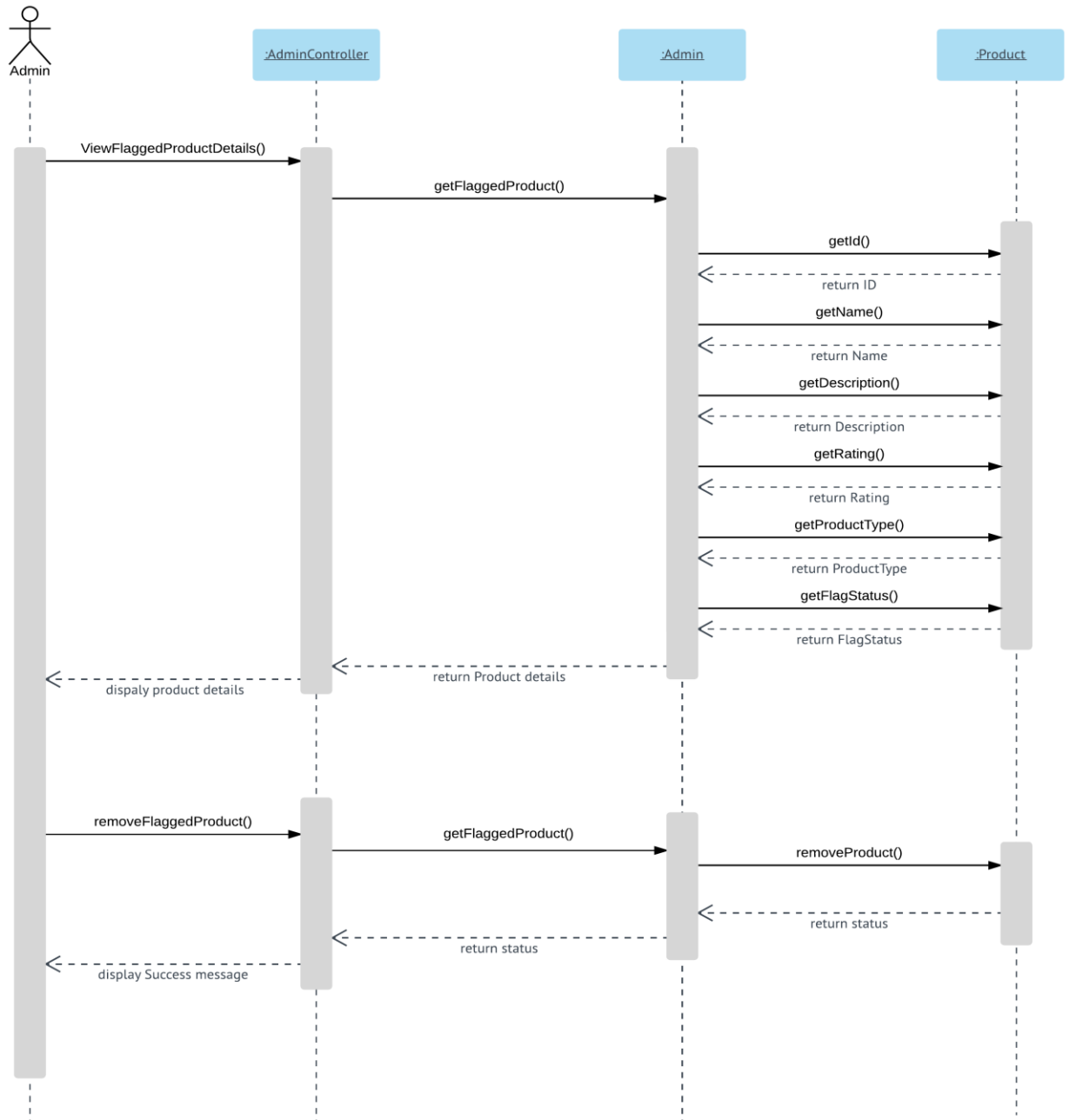
Report a product using flag:

Requirement ID: UR007
Use Case Id: UC15, UC17
Description: While viewing a product, customer can report it by flagging the product.
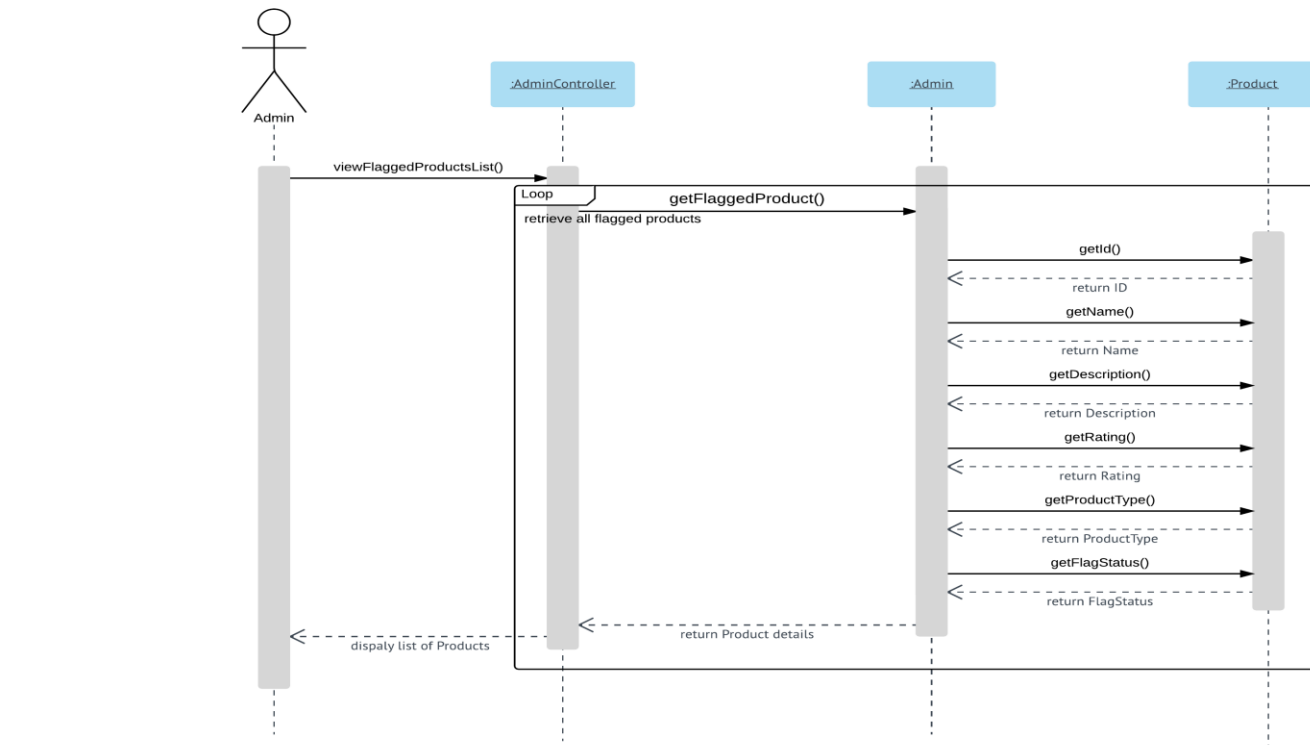**Implemented by:** Sai Raghavendra Sankrantipati

Create a list of flagged Products:

Requirement ID: UR007

Use Case Id: UC10, UC11

Short Description: This is a part of User requirement. This sequence diagram explains how a list of flagged products is created.
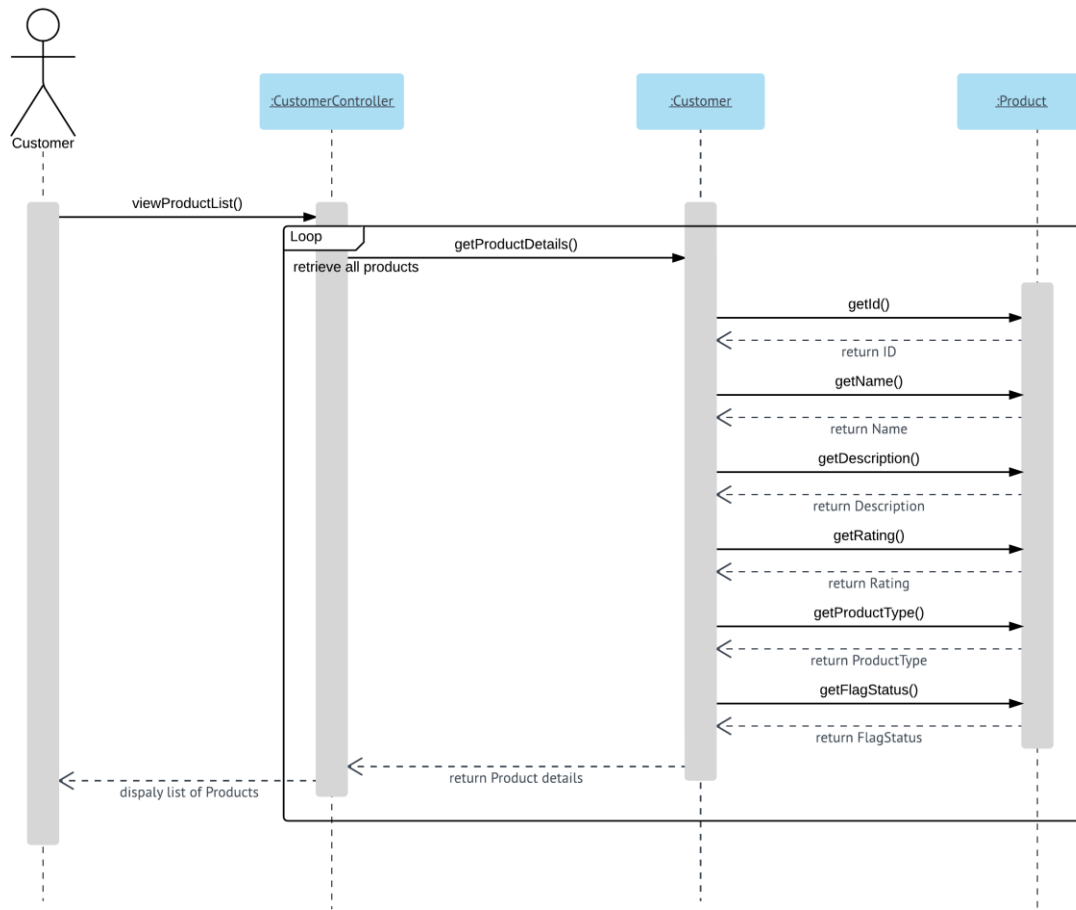
Implemented by: Sai Raghavendra Sankrantipati

Create a list of Products:
Requirement ID: UR004
Use Case Id: UC 15, UC16
Description: This is a part of User requirement. This sequence diagram explains how a list of products is created and viewed.
Implemented by: Sai Raghavendra Sankrantipati

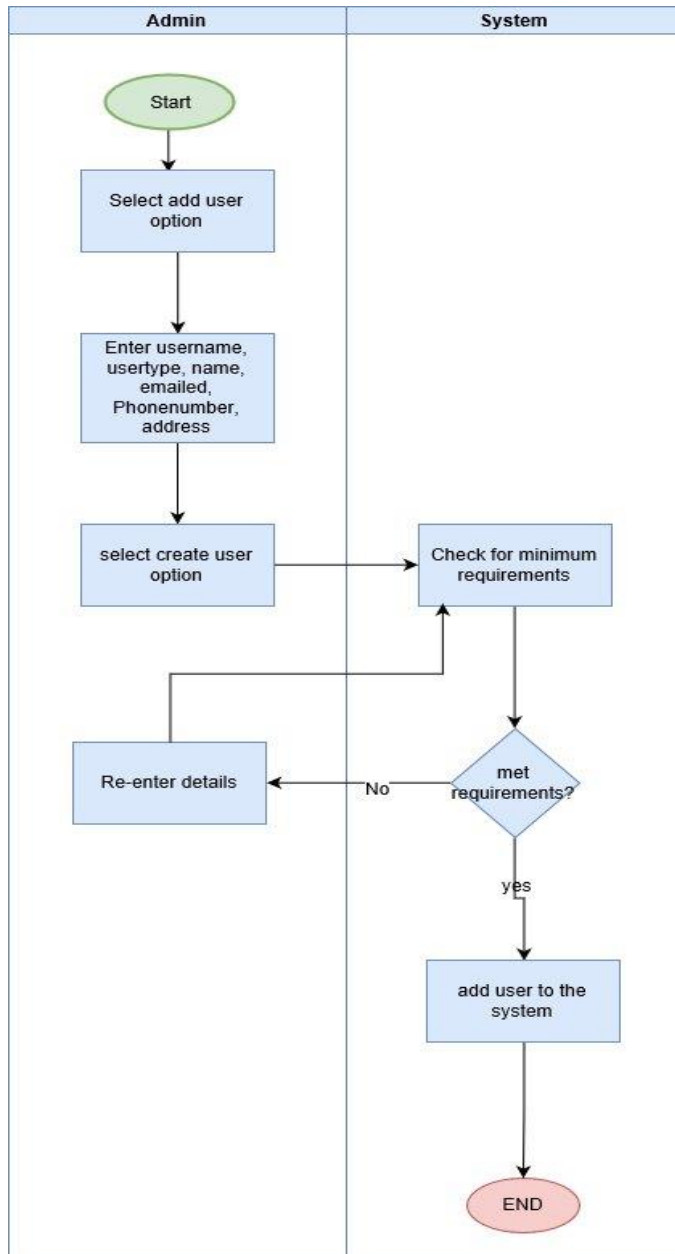All the images are loaded in Sankantipati_diagrams folder in repository.

Add User:
Requirement ID: UR012
Use Case Id: UC 08
Description: This explains how can an admin add user to the system.
Implemented by: Sai Raghavendra Sankrantipati

Add User:

Requirement ID: UR012
Use Case Id: UC 08
Description: This explains how can an admin add user to the system.
Implemented by: Sai Raghavendra Sankrantipati