

- **Name:** ANIRUDH TIWARI
- **Project:** NextBox
- **Requirements:**
 My User Requirements:
 UR 02 : (User) Must be able to create an account.
 UR 04 : (User) Must be able to Copy, Delete, Rename, Paste Files
 UR 14 : (User) Must be able to add a credit card.
- **Use Case Documents -**

Use Case 01: Create an account

Use Case ID:	UC 01
Use Case Name:	Create an Account
Description:	User can create an account in the application with a unique username and choose a plan.

Actors:	User																			
Pre-conditions:	User is on the signup page of the application with option to fill the required information.																			
Post-conditions:	User after creating an account should land on the welcome screen as a logged in user or land on the sign-up page in case of incorrect information.																			
Frequency of Use:	Once (User can sign up only once with a unique username)																			
Flow of Events:	<table> <tr> <th></th><th>Actor Action</th><th>System Response</th></tr> <tr> <td>1.</td><td>Enter User credentials</td><td></td></tr> <tr> <td>2.</td><td>Choose Plan</td><td></td></tr> <tr> <td>3.</td><td>Enter username</td><td></td></tr> <tr> <td>4.</td><td>Enter password</td><td></td></tr> <tr> <td>5.</td><td>Submit Details</td><td>Store details and Check for unique username and create an account with the entered credentials.</td></tr> </table>		Actor Action	System Response	1.	Enter User credentials		2.	Choose Plan		3.	Enter username		4.	Enter password		5.	Submit Details	Store details and Check for unique username and create an account with the entered credentials.	
	Actor Action	System Response																		
1.	Enter User credentials																			
2.	Choose Plan																			
3.	Enter username																			
4.	Enter password																			
5.	Submit Details	Store details and Check for unique username and create an account with the entered credentials.																		
Variations:																				
Exceptions:	User Action 5. If username is not unique error message is displayed and the user is prompted to enter username again.																			
Developer Notes:																				

Use Case 02: Add Credit Card

Use Case ID:	UC 02
Use Case Name:	Add Credit Card
Description:	User can edit credit card details.

Actors:	Actor		
Pre-conditions:	User has already opted for Sign-up and has chosen a paid plan.		
Post-conditions:	User after creating an account should land on the welcome screen as a logged-in user.		
Frequency of Use:	Once (User can sign up only once with a unique username)		
Flow of Events:		Actor Action	System Response
	1.	Successfully created an account.	If free plan display welcome message.
	2.	Enter Card Details	
	3.	Submit Card details	Stores the card details and display Welcome Screen.
Variations:			
Exceptions:	User Action 1. If not a free plan, prompt user to enter card details.		
Developer Notes:			

Use Case 03: Rename File

Use Case ID:	UC 03
Use Case Name:	Rename File
Description:	User should be able to rename a file in his home directory.

Actors:	Actor		
Pre-conditions:	User is already logged in and is on the home directory page.		
Post-conditions:	User should be able to see the renamed file.		
Frequency of Use:	About once in 15 Days.		
Flow of Events:		Actor Action	System Response
	1.	Select file to rename.	
	2.	Click rename.	
	3.	Enter the new name.	
	4.	Submit	Display the file with new name.
Variations:			
Exceptions:			
Developer Notes:			

Use Case 04: Delete File

Use Case ID:	UC 04
Use Case Name:	Delete File
Description:	User should be able to delete a file.

Actors:	Actor		
Pre-conditions:	User is already logged in and is on the home directory.		
Post-conditions:	User should be able to see the directory without the file deleted.		
Frequency of Use:	Once in 15 Days.		
Flow of Events:		Actor Action	System Response
	1.	Select file to delete.	
	2.	Click delete.	
	3.	Submit	Delete the file and display the directory.
Variations:			
Exceptions:			
Developer Notes:			

Use Case 05: Copy File

Use Case ID:	UC 05
Use Case Name:	Copy File
Description:	User should be able to copy a file onto the clipboard.

Actors:	Actor		
Pre-conditions:	User is already logged in and is on the home directory at the source.		
Post-conditions:	Clipboard should have the path to the file.		
Frequency of Use:	Once in 10 Days.		
Flow of Events:		Actor Action	System Response
	1.	Select file to copy.	
	2.	Click copy.	
	3.	Submit	Copy the file onto the clipboard.
Variations:			
Exceptions:			
Developer Notes:			

Use Case 06: Paste File

Use Case ID:	UC 06
Use Case Name:	Paste File
Description:	User should be able to paste a file at the destination.

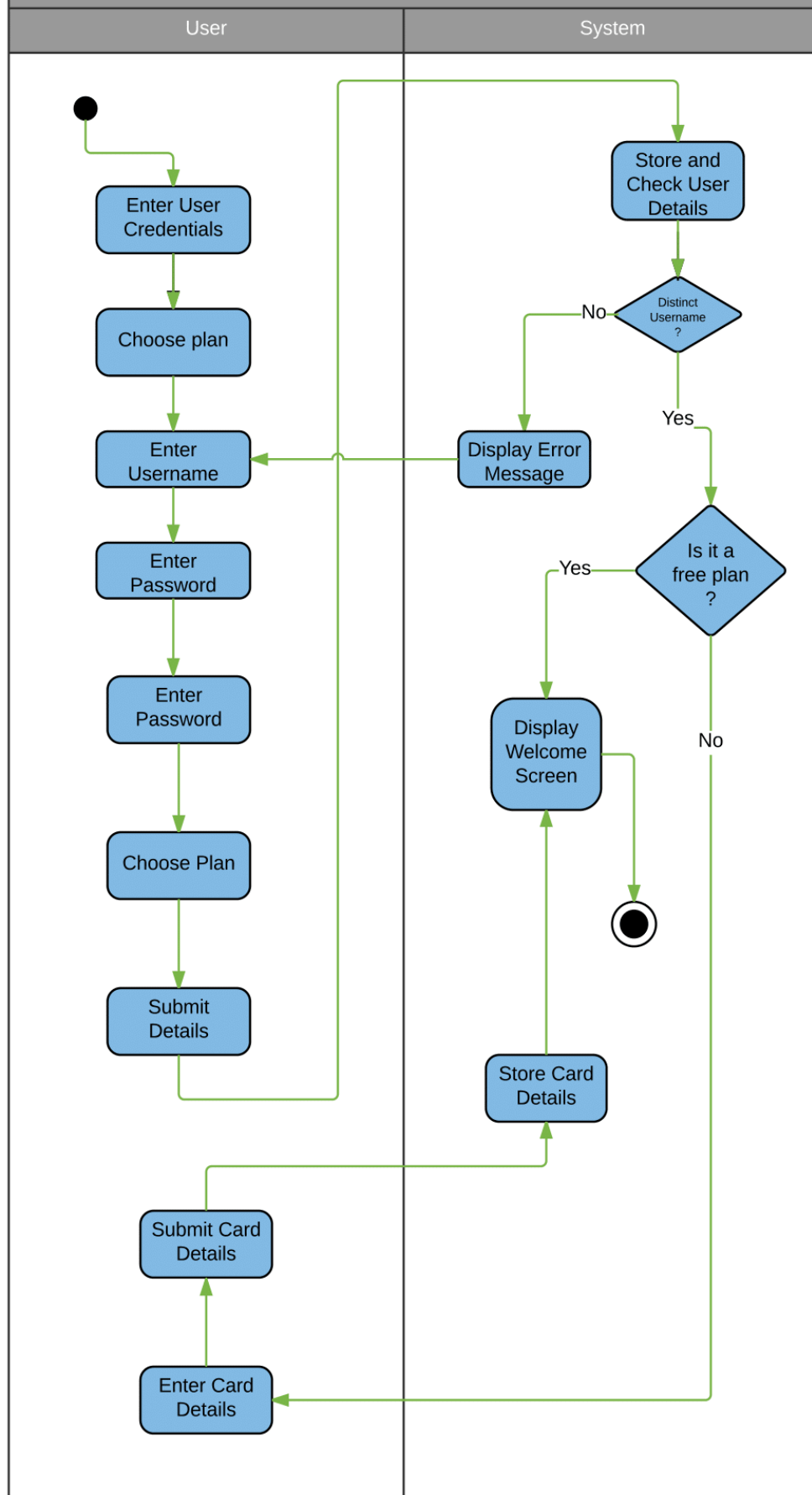
Actors:	Actor		
Pre-conditions:	User is already logged in and is on the home directory.		
Post-conditions:	User should be able to paste the file and view on the destination.		
Frequency of Use:	Once in 3 Days.		
Flow of Events:		Actor Action	System Response
	1.	Select destination.	
	2.	Click Paste.	
	3.	Submit	Paste the file from clipboard to destination.
Variations:			
Exceptions:			
Developer Notes:			

• Activity Diagrams

Activity Diagram 1

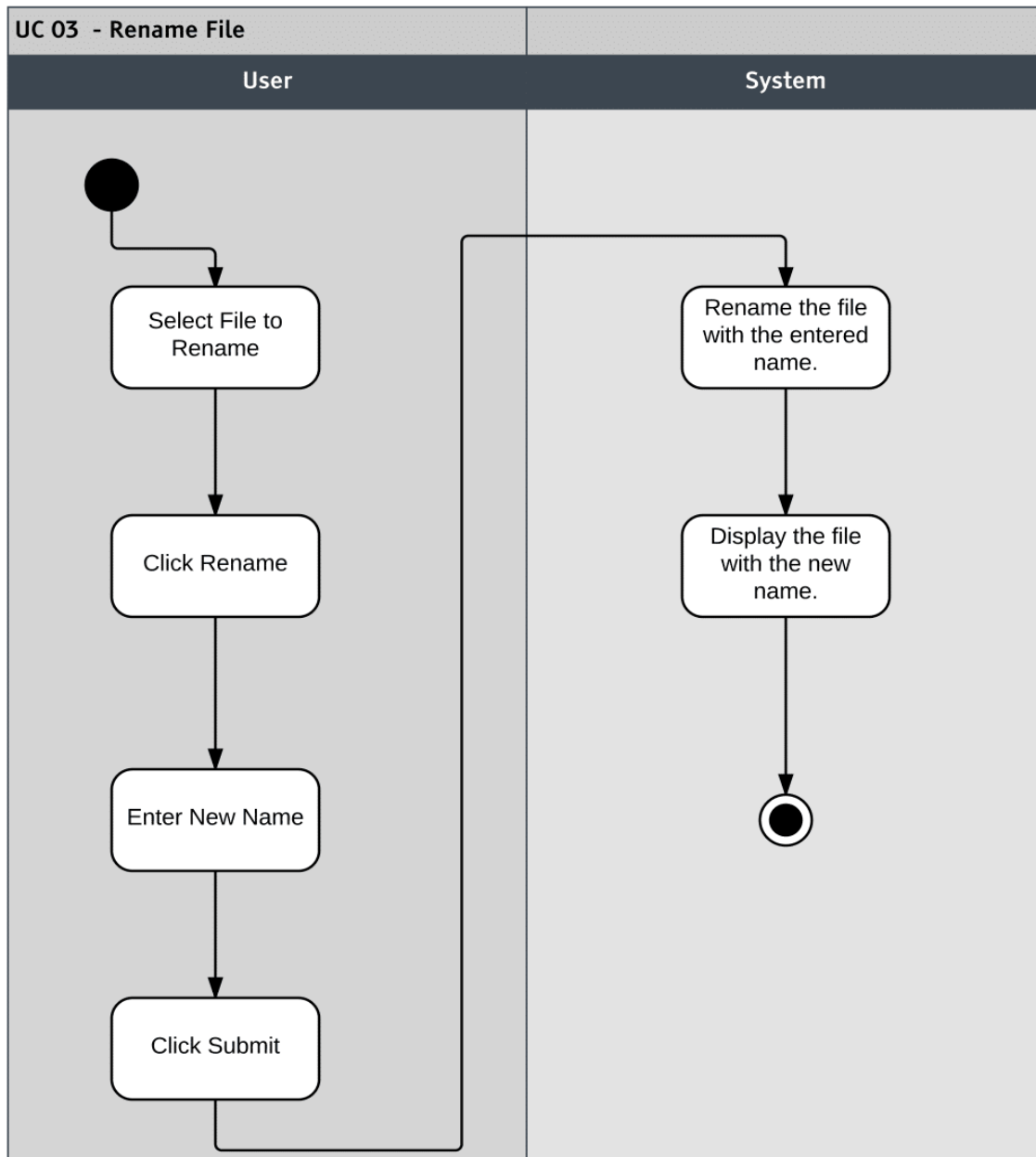
- a. **Requirement ID:** UR 02 and UR 14
- b. **Use Case ID:**
 - i. UC 01- Create an Account
Description: The User should be able to create an account in NextBox with a unique username.
 - ii. UC 02- Add credit card
Description: The user should be able to add credit card details on choosing a paid plan.
- c. **Implemented By:** ANIRUDH TIWARI

UC 01 - Create an account | UC 02 - Add Credit Card



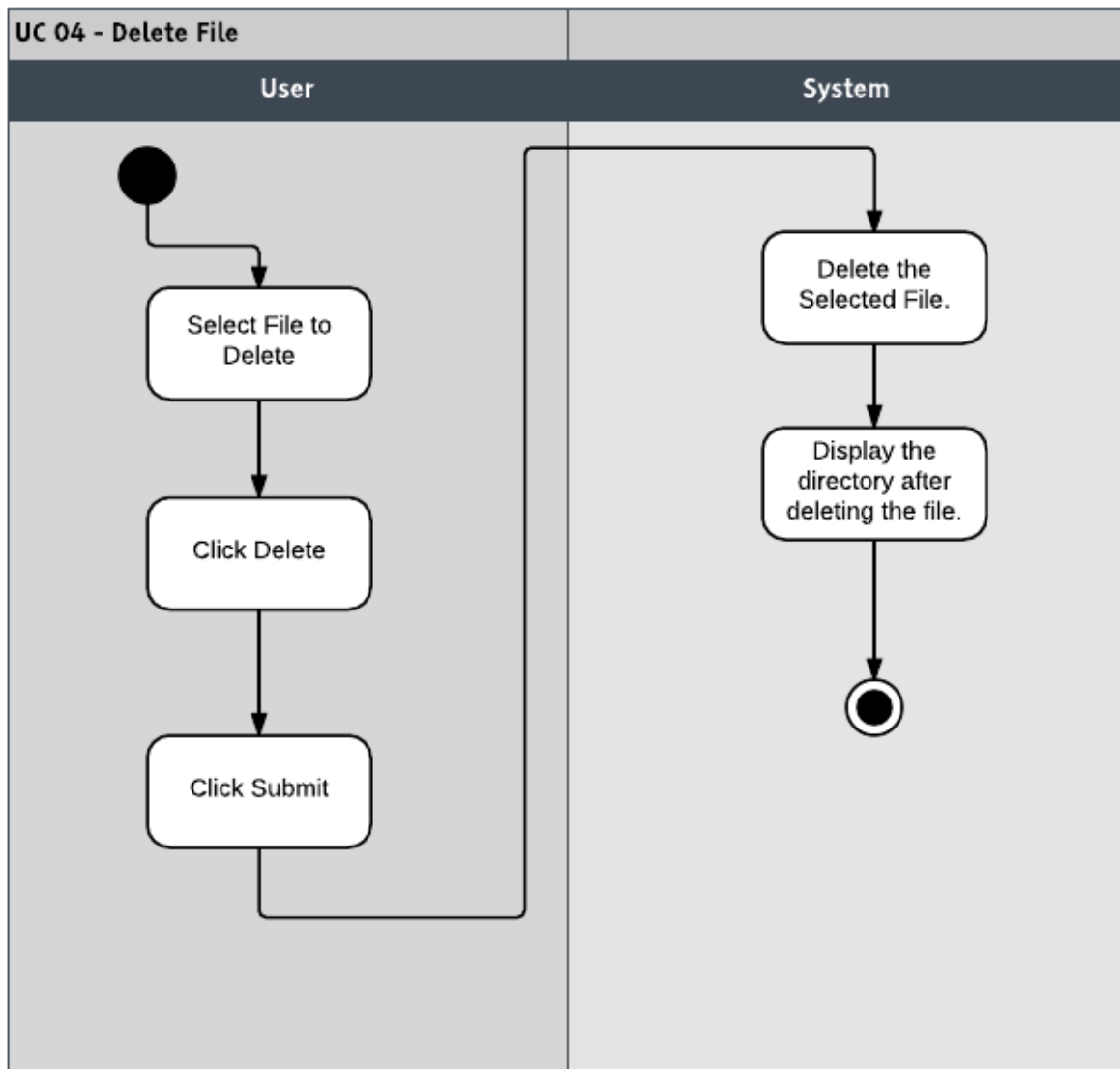
Activity Diagram 2

- a. **Requirement ID:** UR 04
- b. **Use Case ID:**
UC 03: Rename File
Description: The User should be able to Rename a file in his home directory.
- c. **Implemented By:** ANIRUDH TIWARI



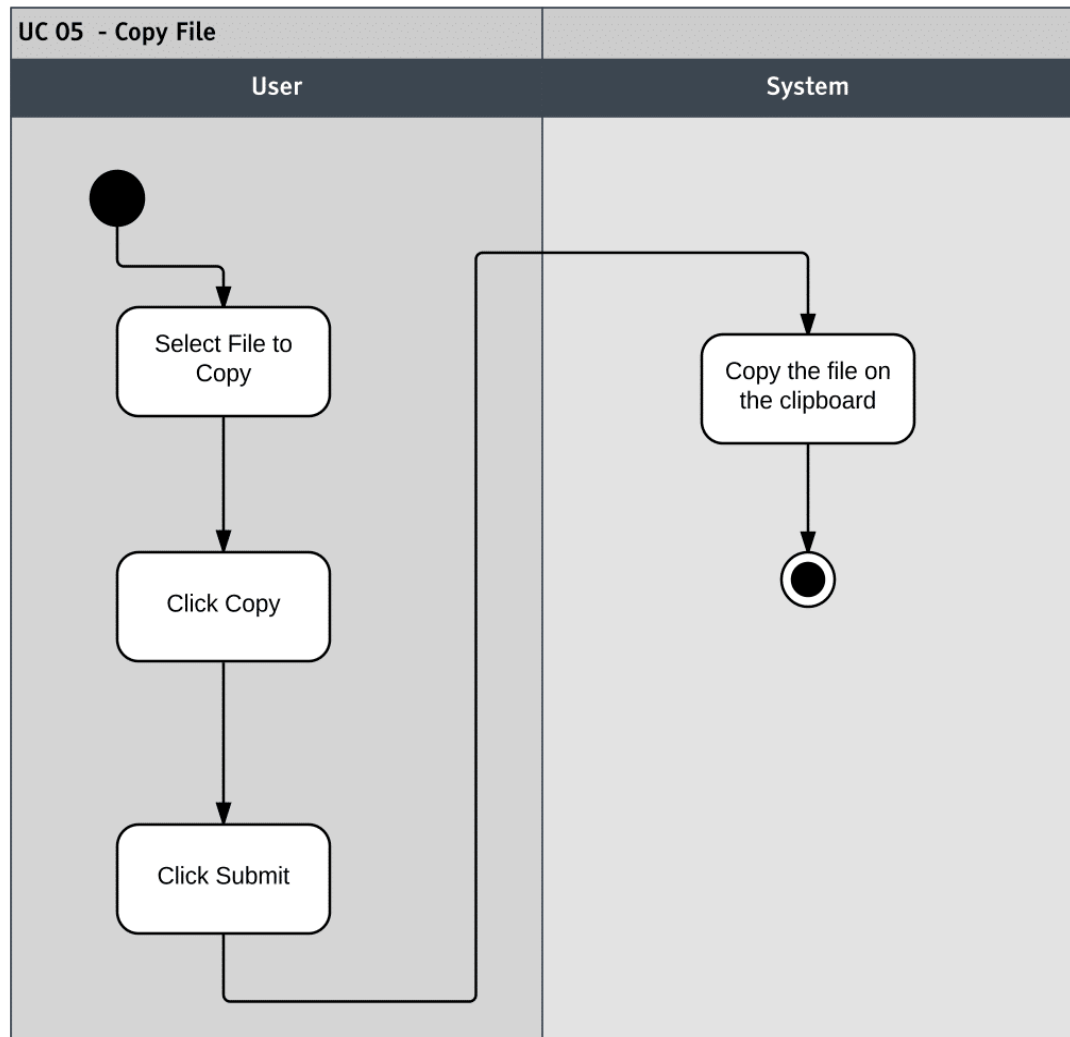
Activity Diagram 3

- a. **Requirement ID:** UR 04
- b. **Use Case ID:**
UC 04: Delete File
Description: The User should be able to Delete a file from his home directory.
- c. **Implemented By:** ANIRUDH TIWARI



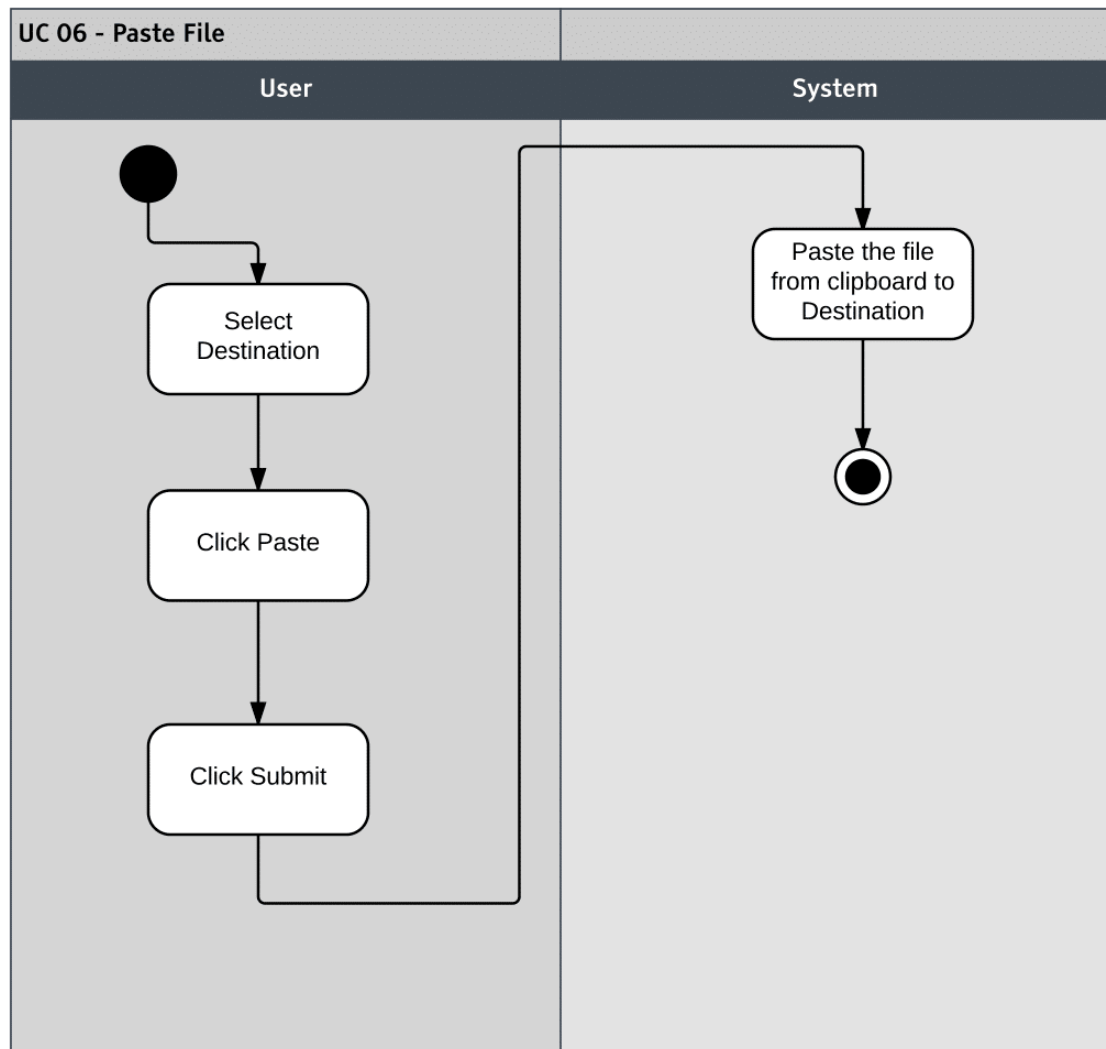
Activity Diagram 4

- a. **Requirement ID:** UR04
- b. **Use Case ID:**
UC 05: Copy File
Description: The User should be able to Copy a file from his home directory (On the Clipboard).
- c. **Implemented By:** ANIRUDH TIWARI



Activity Diagram 5

- a. **Requirement ID:** UR 04
- b. **Use Case ID:**
UC 06: Paste File
Description: The User should be able to Paste a file from the clipboard on to a destination in his home directory.
- c. **Implemented By:** ANIRUDH TIWARI

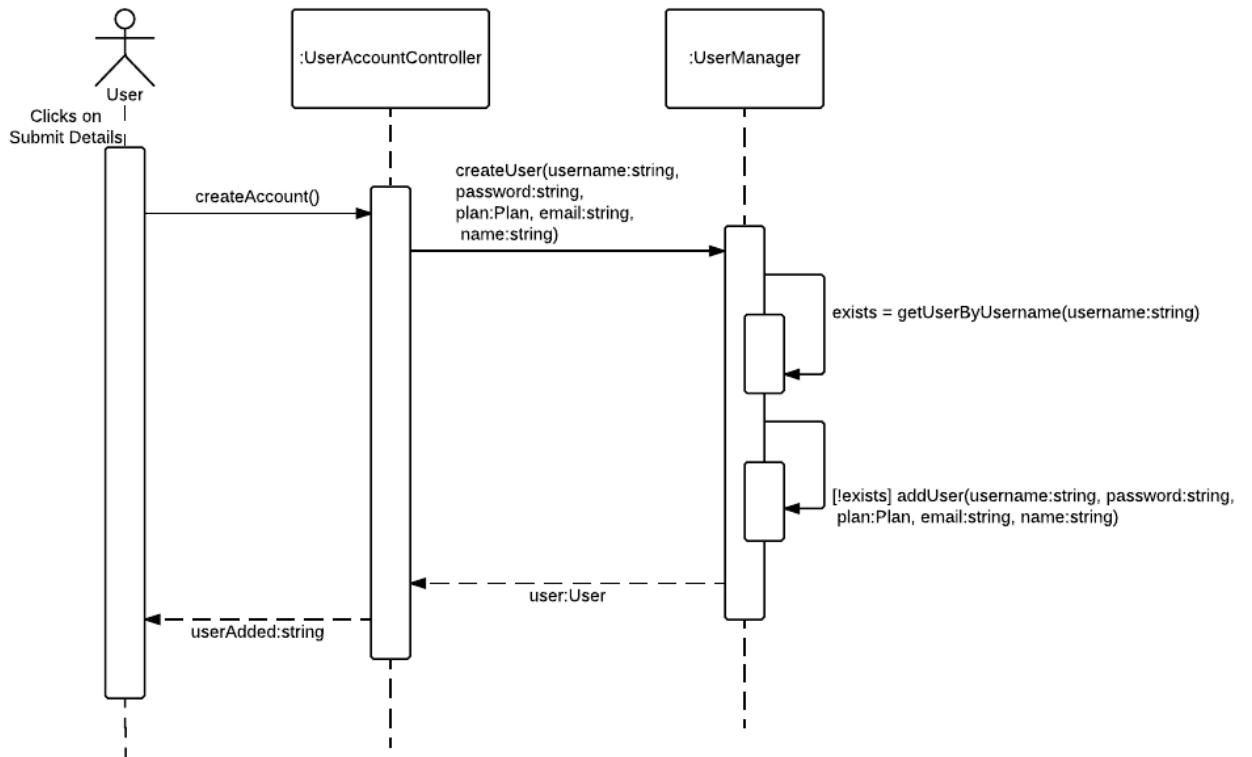


- **Sequence Diagrams**

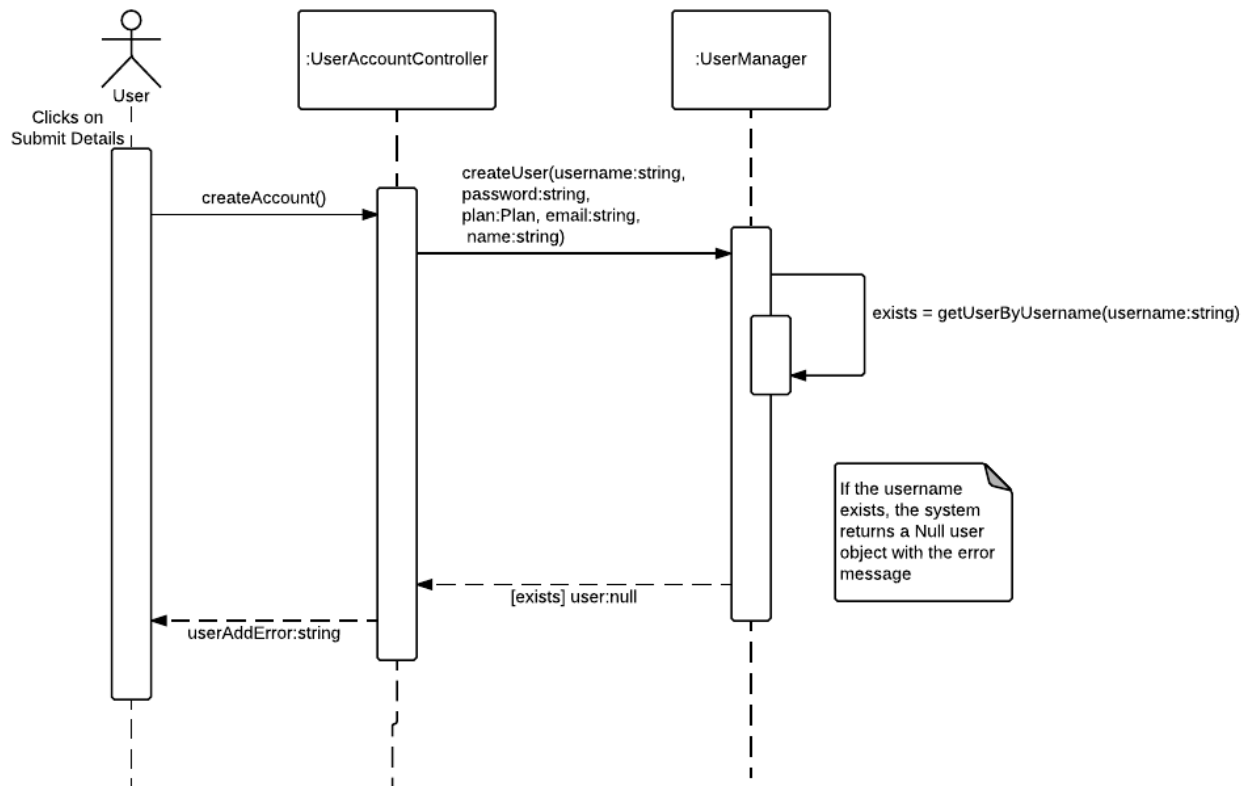
Sequence Diagram 1

- Requirement ID:** UR 02
- Use Case ID:**
UC 01: Create an account
Description: The User should be able to create an account on the signup page.
- Implemented By:** ANIRUDH TIWARI

Use Case: Create an Account



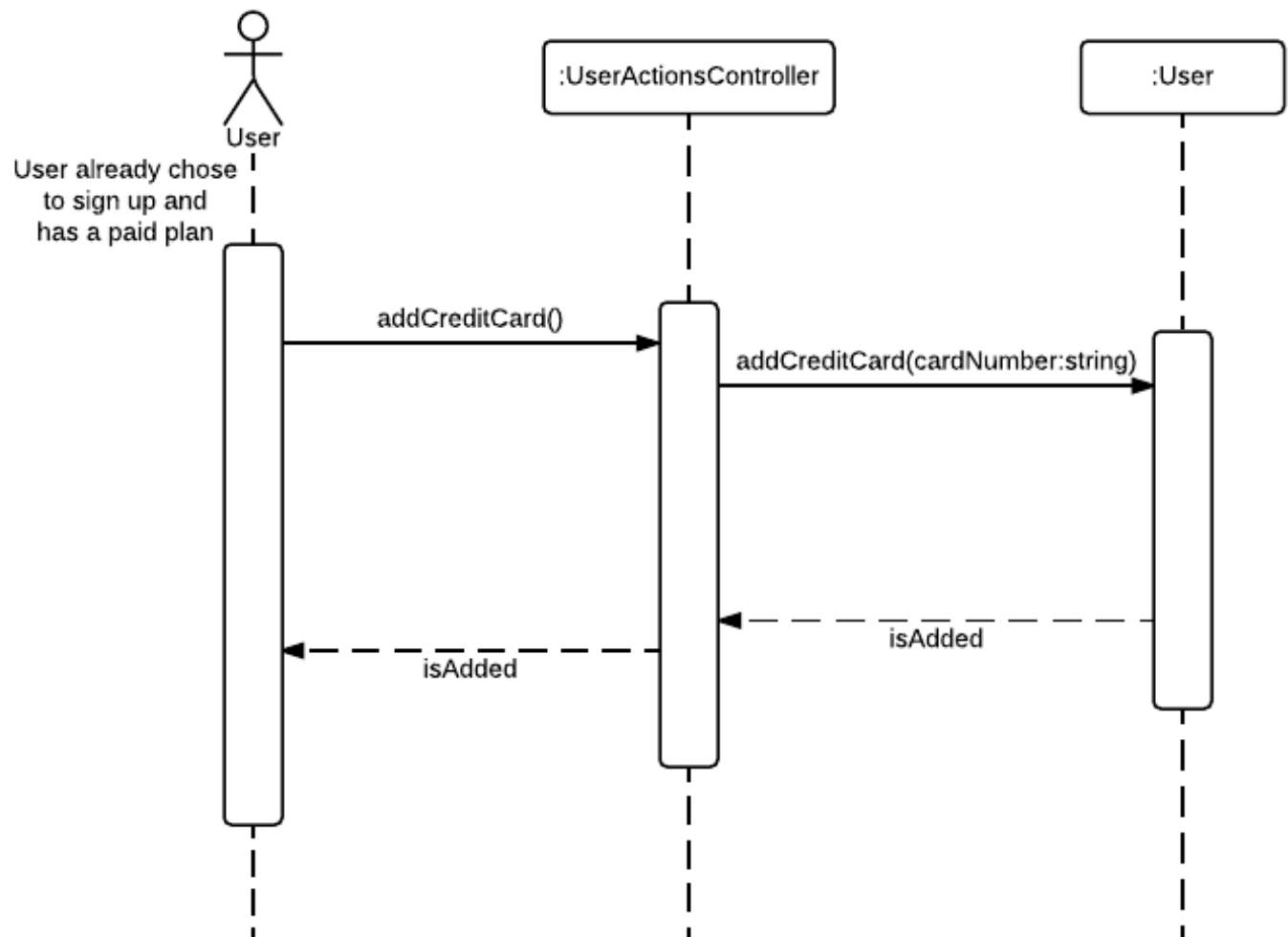
Use Case: Create an Account



Sequence Diagram 2

- a. **Requirement ID:** UR 04
- b. **Use Case ID:**
UC 02: Add credit card.
Description: The User should be able to add credit card details if he chooses a paid plan on the signup page.
- c. **Implemented By:** ANIRUDH TIWARI

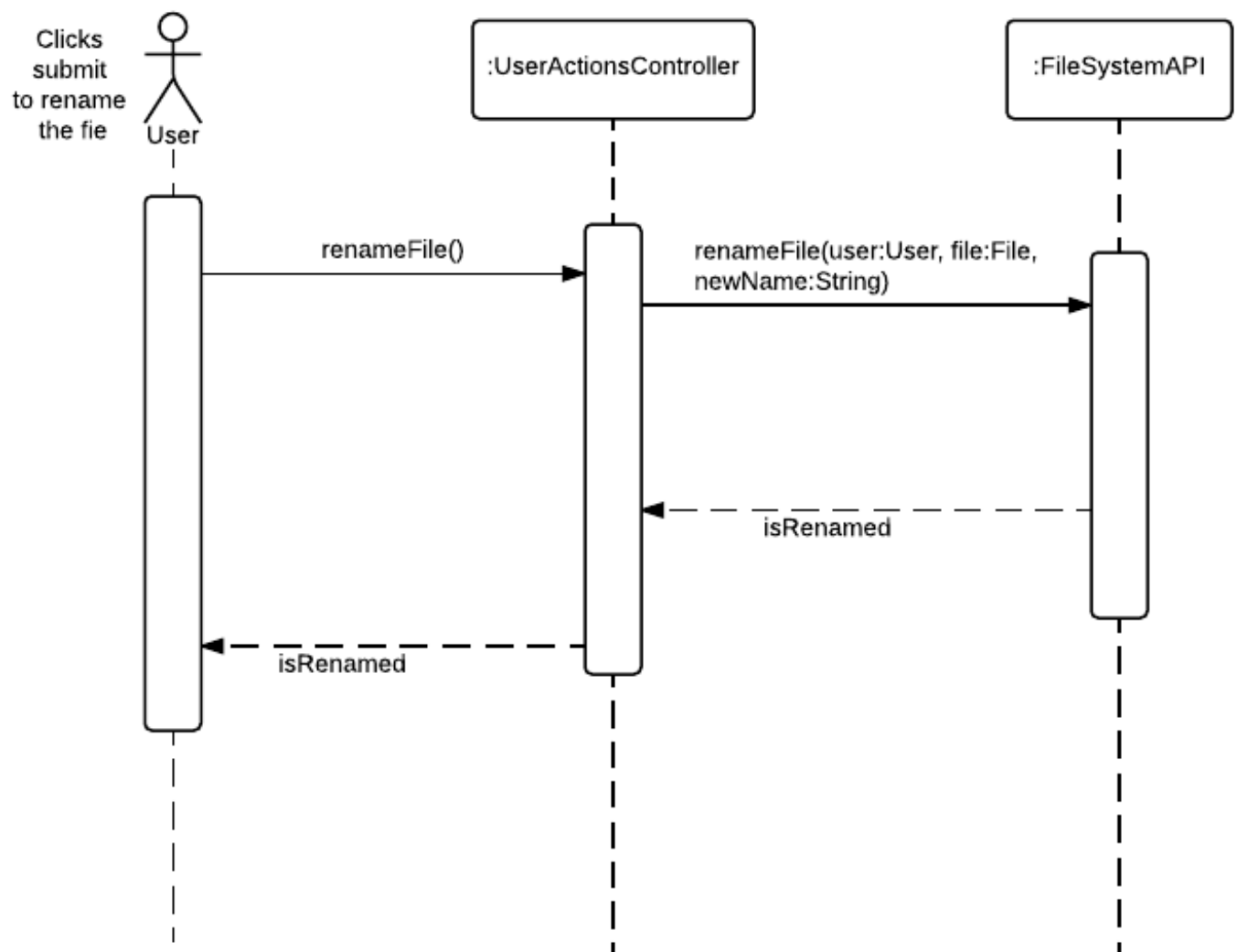
Use Case: Add Credit Card



Sequence Diagram 3

- a. **Requirement ID:** UR 14
- b. **Use Case ID:**
UC 03: Rename File
Description: The User should be able to Rename a file in his home directory.
- c. **Implemented By:** ANIRUDH TIWARI

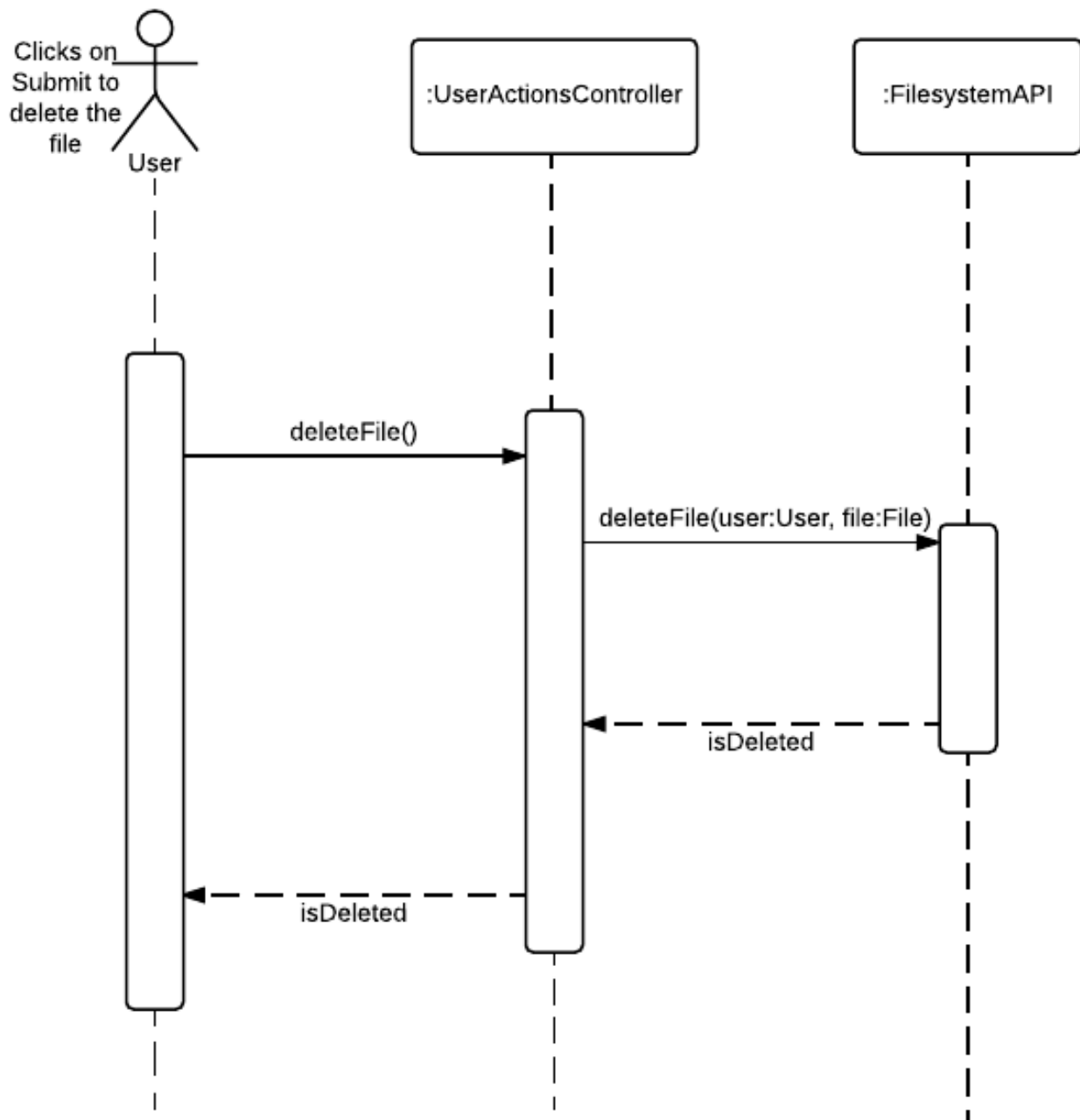
Use Case: Rename File



Sequence Diagram 4

- a. **Requirement ID:** UR 04
- b. **Use Case ID:**
UC 04: Delete File
Description: The User should be able to Delete a file from his home directory.
- c. **Implemented By:** ANIRUDH TIWARI

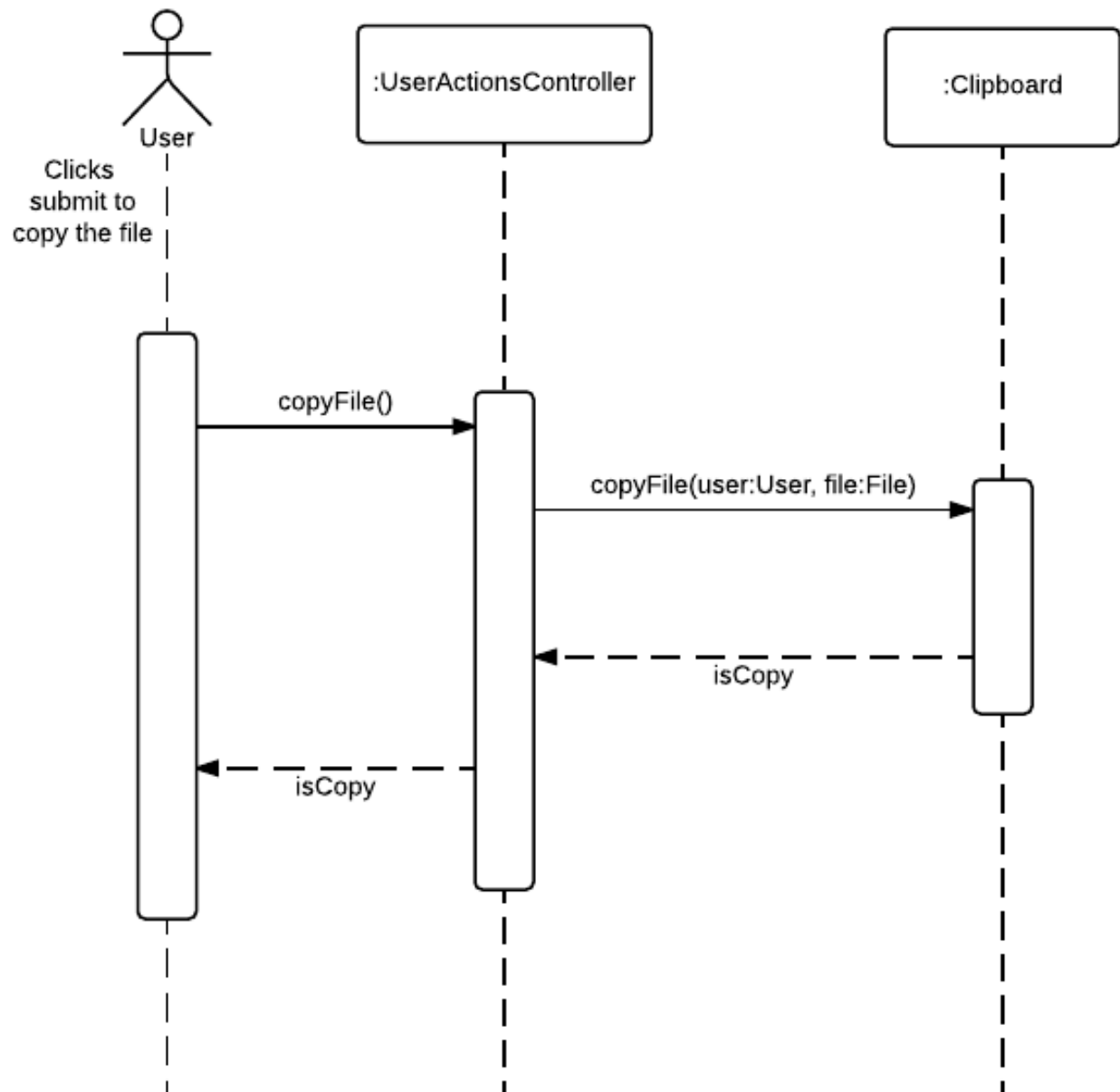
Use Case: Delete File



Sequence Diagram 5

- a. **Requirement ID:** UR 04
- b. **Use Case ID:**
UC 05: Copy File
Description: The User should be able to Copy a file from his home directory.
- c. **Implemented By:** ANIRUDH TIWARI

Use Case: Copy File



Sequence Diagram 6

- a. **Requirement ID:** UR 14
- b. **Use Case ID:**
UC 06: Paste File
Description: The User should be able to Paste a file from the clipboard on to a destination in his home directory.
- c. **Implemented By:** ANIRUDH TIWARI

Use Case: Paste File

