CMPSC 488 – Capstone Project

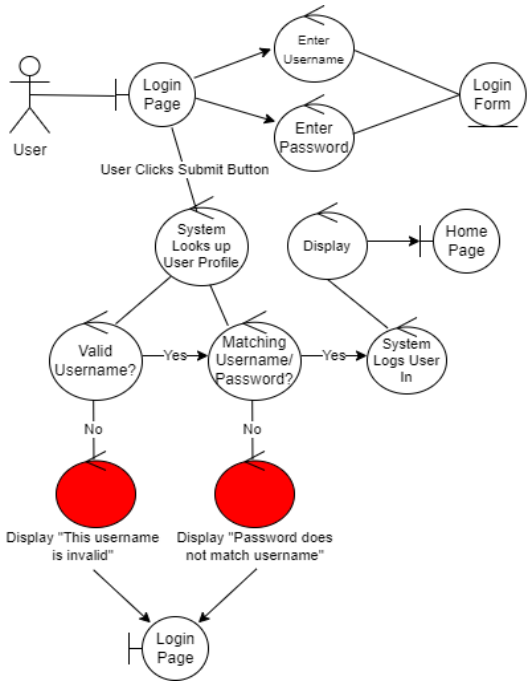
Expense Deck

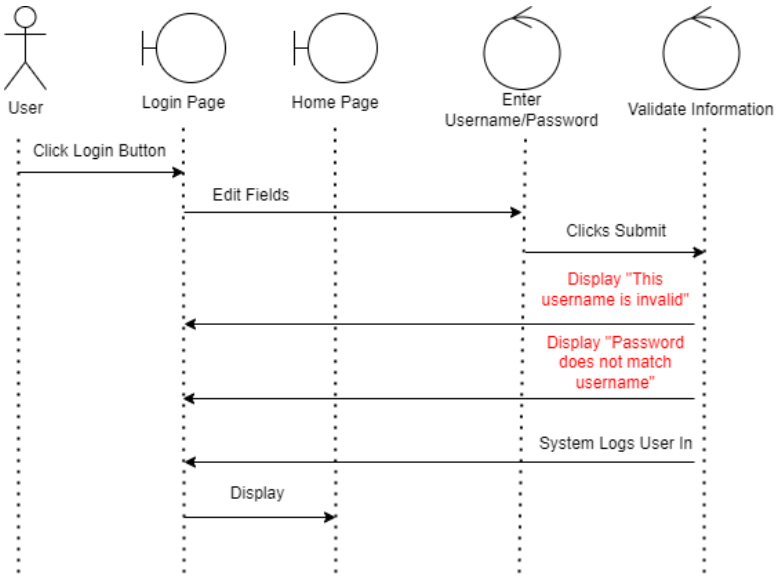
The Expense Trackers

Login
BASIC COURSE:
On the Login page, the User enters their username and password then clicks the Submit button. The system looks up the User profile using the username and checks the password. If valid password, the system logs the User in.

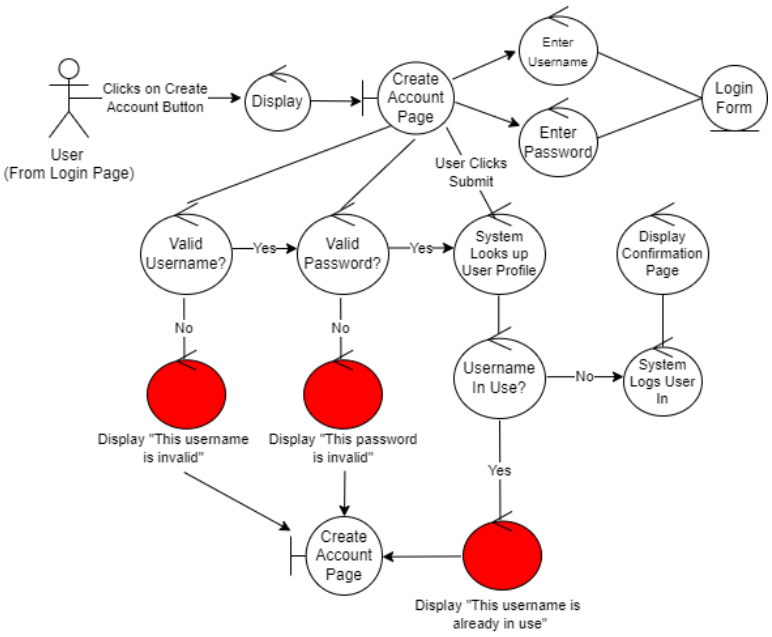
ALTERNATE COURSES:
The user enters an invalid username: The system rejects the request and displays a message explaining why the request was rejected.

The user enters a password that does not match the username: The system rejects the request and displays a message explaining why the request was rejected.





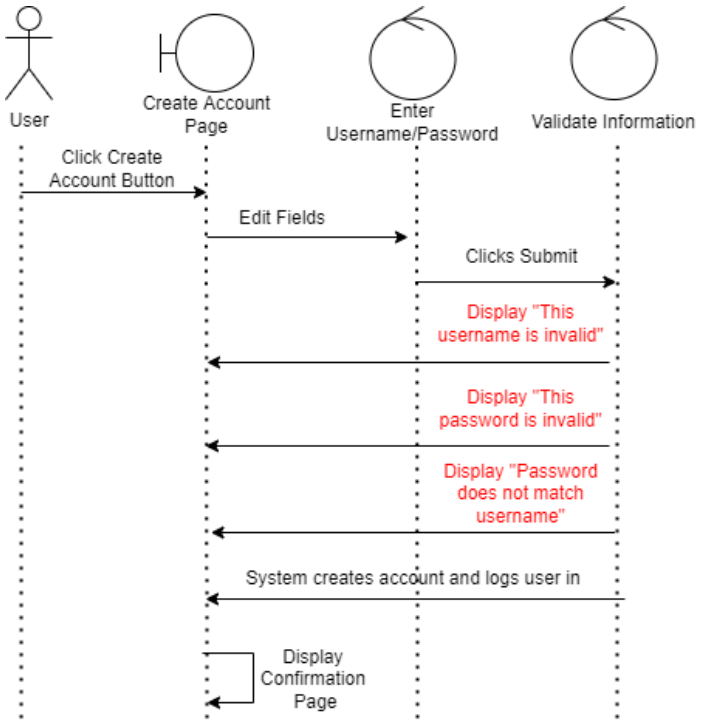
Create Account
BASIC COURSE:
On the Login page, the user clicks on the Create Account button, and the system displays the Create Account page. The user enters their username, and password and then clicks the Submit button. The system then ensures the password is not too short and the username is in valid format and is not already in use, and creates a Customer Account with the information provided and displays confirmation.



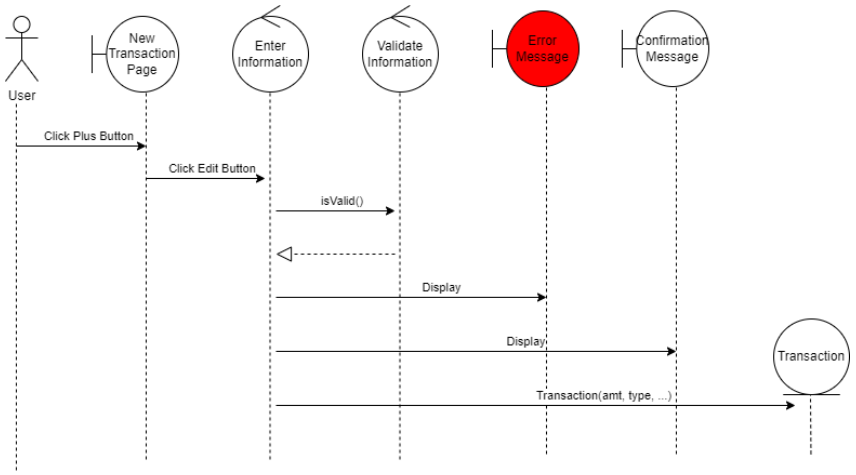
ALTERNATE COURSES:
The user enters an invalid username format: The system rejects the request and displays the Create Account page with an error message.

The user enters an invalid password: The system rejects the request and displays the Create Account page with an error message.

The username is already in use: The system rejects the request and displays the Create Account page with an error message.

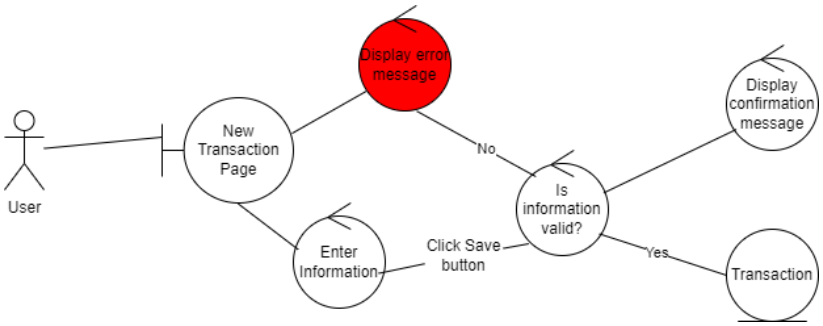


Create New Transaction
BASIC COURSE:
The user clicks on the Plus Button in the bottom right corner, and the system displays the New Transaction page. The user enters the transaction title, amount, type, as well as other optional information. The user then clicks on the Save Transaction button. The system ensures that the information is valid, then adds the transaction to the list of transactions. The System then displays confirmation and the transaction is displayed under Recent Transactions.

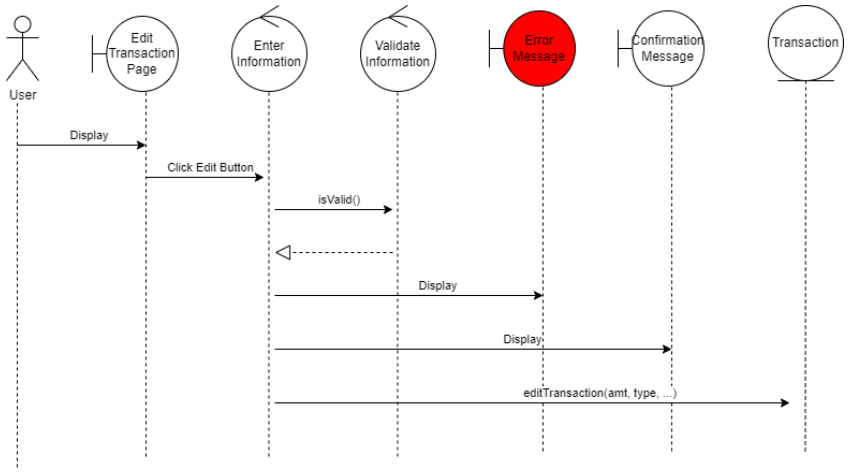


ALTERNATE COURSES:
The user enters an invalid date: The System rejects the request and displays the New Transaction page with an error message.

The user enters an invalid amount: The System rejects the request and displays the New Transaction page with an error message.

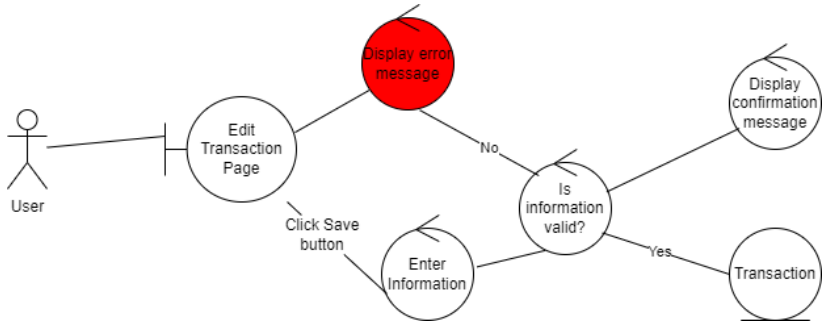


Edit Transaction
BASIC COURSE:
On the Transaction page, the User clicks on the Edit Button for any of the Transactions, and the System ensures that the information is valid - The system ensures that the information is valid, then adds the transaction to the list of transactions. The System then displays confirmation and the transaction is displayed under Recent Transactions.



ALTERNATE COURSES:
The user enters an invalid date: The System rejects the request and displays the Transaction page with an error message.

The user enters an invalid amount: The System rejects the request and displays the Transaction page with an error message.

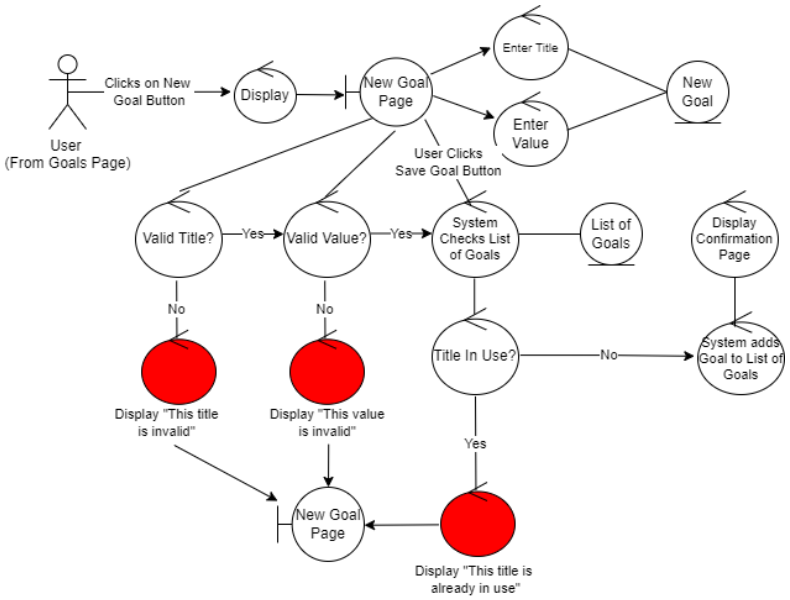


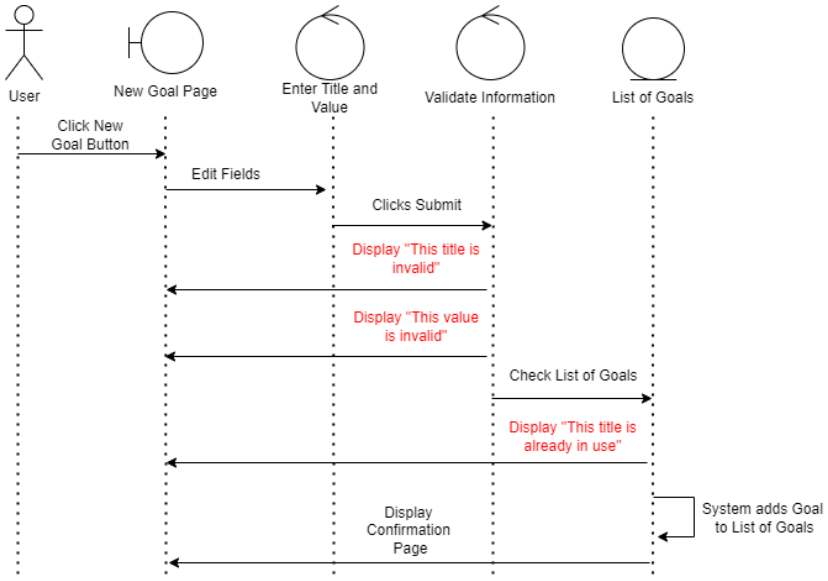
Create New Goal
BASIC COURSE:
On the Goals page, the user clicks on the New Goal button, and the system displays the New Goal page. The user then clicks on the Save Goal button. The system ensures that the information is in the correct format, then adds the goal to the list of goals.

ALTERNATE COURSES:
The user enters an invalid title format: The system rejects the request and displays the New Goals page with an error message.

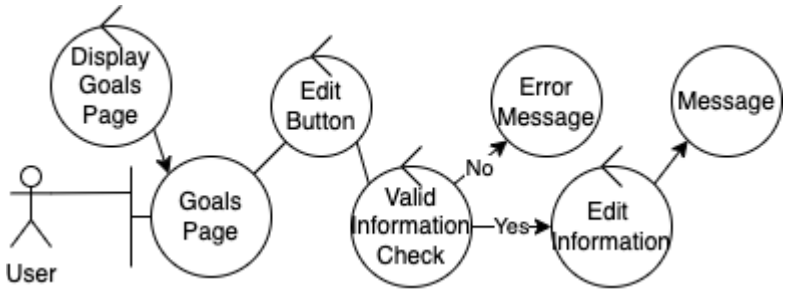
The user enters an invalid value: The System rejects the request and displays the New Goals page with an error message.

The goal title is already in use: The system rejects the request and displays the New Goal page with an error message.

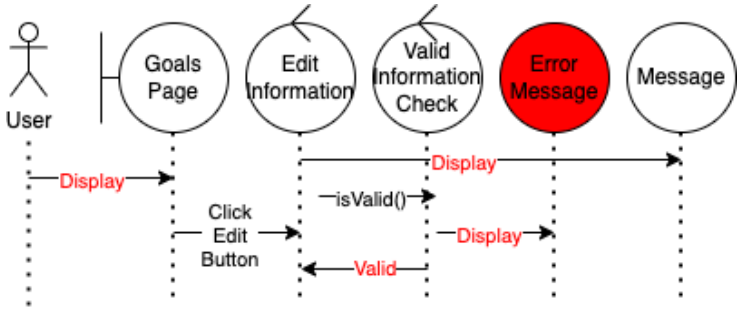




Edit Goals
BASIC COURSE:
On the Goals page, the User clicks on the Edit Button for any of the goals, and the System ensures that the information is valid – goal value is not negative and title is in valid format and is not already in use. The System then displays confirmation.

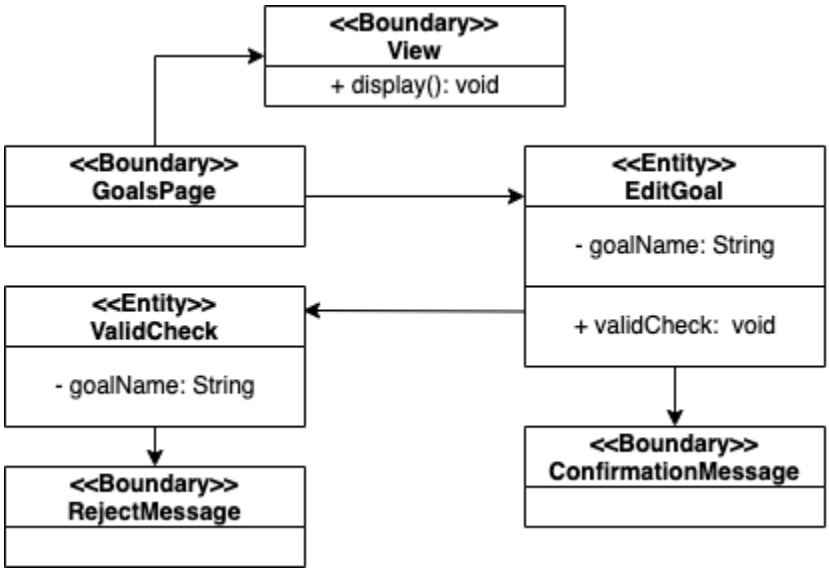


ALTERNATE COURSES:
The user enters an invalid title format: The system rejects the request and displays the Goals page with an error message.



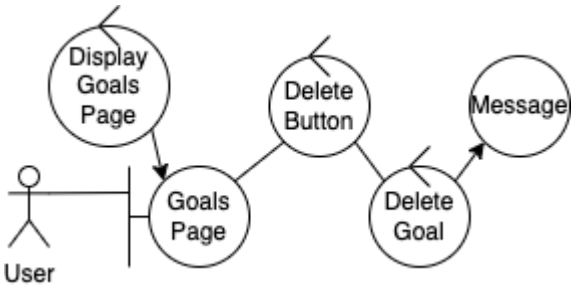
The user enters an invalid value: The System rejects the request and displays the Goals page with an error message.

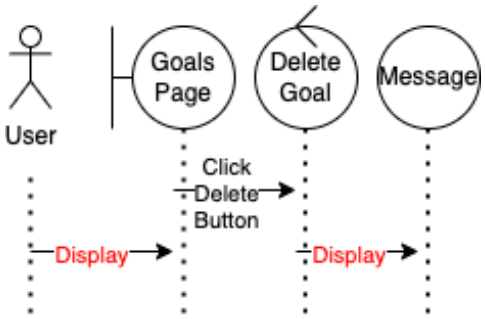
The goal title is already in use: The system rejects the request and displays the Goal page with an error message.

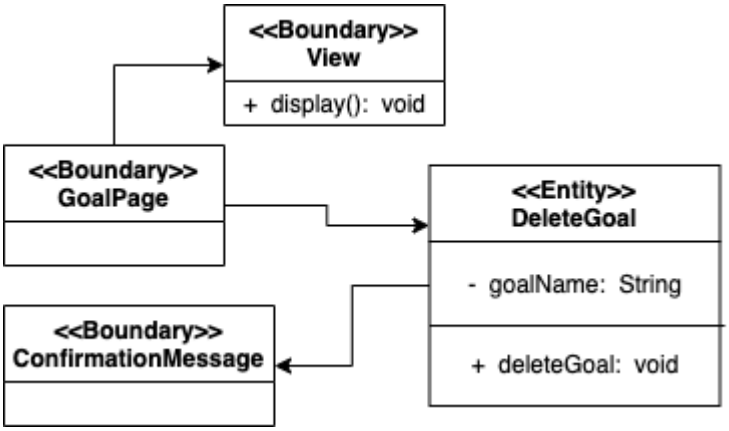


Delete Goal
BASIC COURSE:
On the Goals page, the user clicks on the Delete button on a goal. The system then removes the goal. The system then displays confirmation and displays the Goals page.

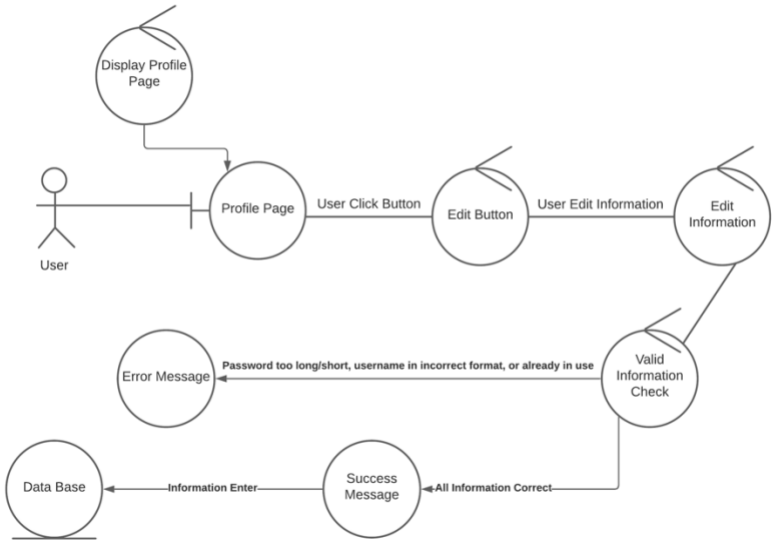
ALTERNATE COURSES:
None.







Edit Profile
BASIC COURSE:
On the Profile page, the User clicks on the Edit Button for any of the sections, and the System ensures that the information is valid - password is not too short and the username is in valid format and is not already in use. The System then displays confirmation.

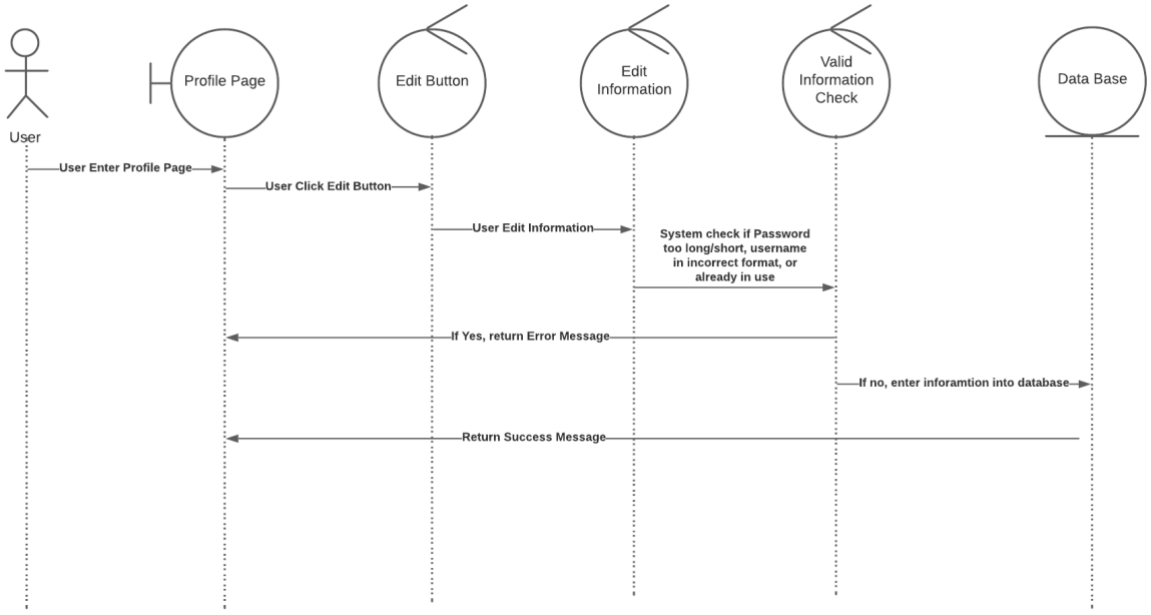


ALTERNATE COURSES:
The user enters an invalid username format: The system rejects the request and displays the Profile page with an error message.

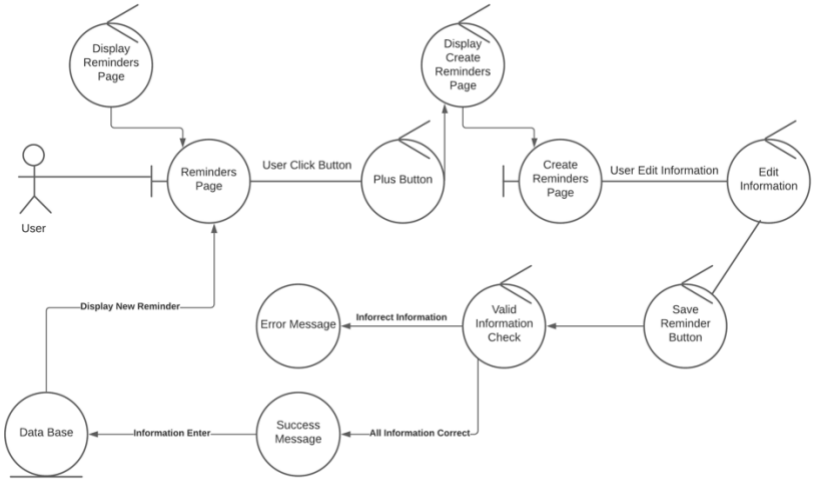
The user enters an invalid password: The System rejects the request and displays the Profile page with an error message.

The password and confirm password do not match: The system rejects the request and displays the Profile page with an error message.

The username is already in use: The system rejects the request and displays the Profile page with an error message.

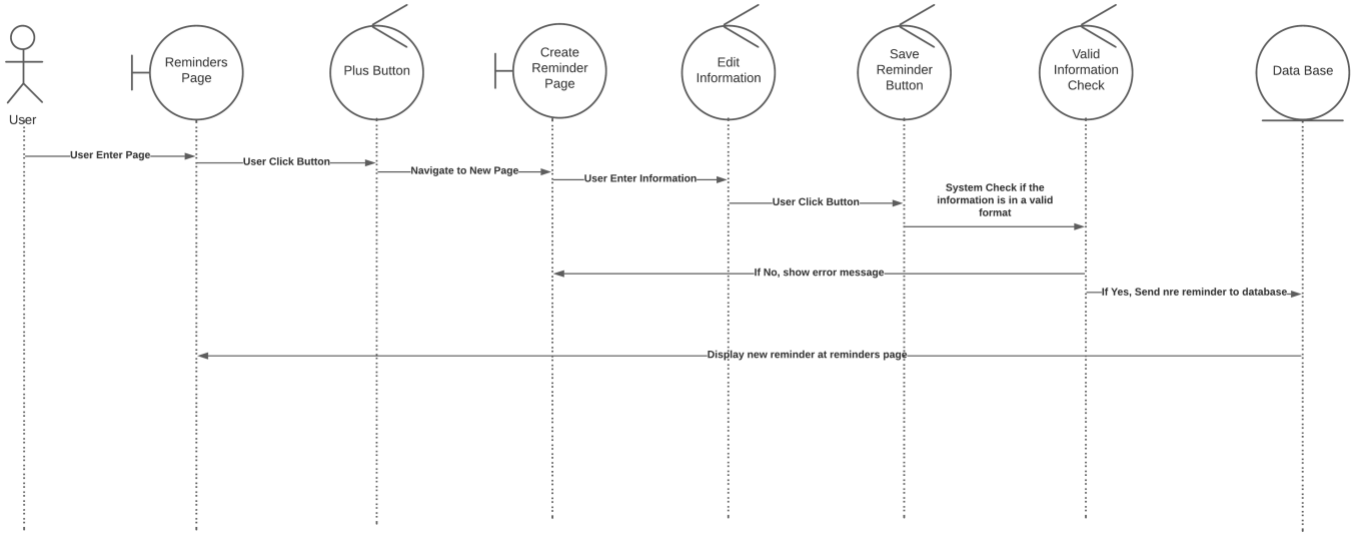


Create New Payment Reminder
BASIC COURSE:
On the Reminders page, the user clicks on the Plus button, and the system displays the Create Reminder page. The user enters the reminder title, description and selects category. The user then clicks on the Save Reminder button. The system ensures that the information is valid, then adds the reminder to the list of reminders. The System then displays confirmation and the reminder is displayed under the Reminders page.

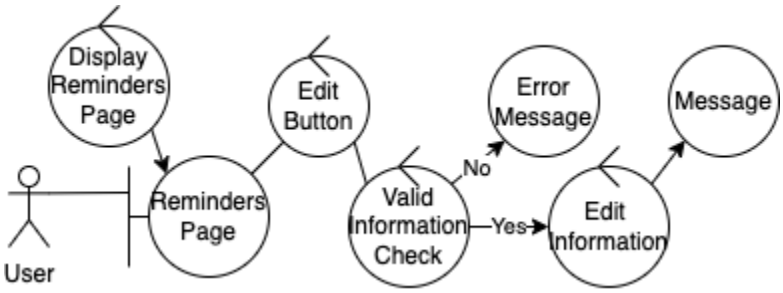


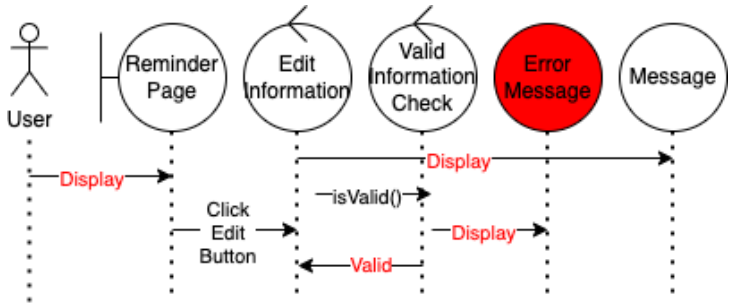
ALTERNATE COURSES:
The user enters an invalid title: The System rejects the request and displays the Reminder page with an error message.

The reminder is already made: The system rejects the request and displays the Reminder page with an error message.



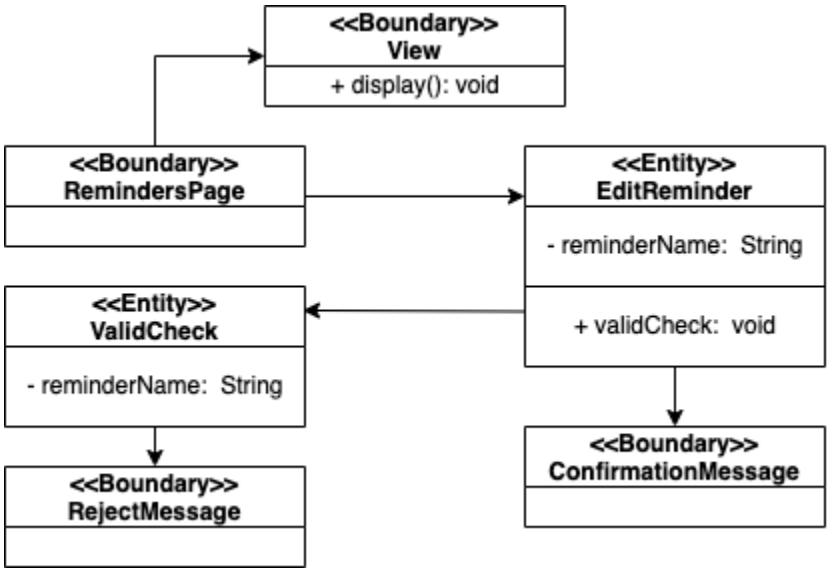
Edit Payment Reminder
BASIC COURSE:
On the Reminders page, the user clicks on the Edit button. The system ensures that the information is valid, then adds the reminder to the list of reminders. The System then displays confirmation and the reminder is displayed under the Reminders page.





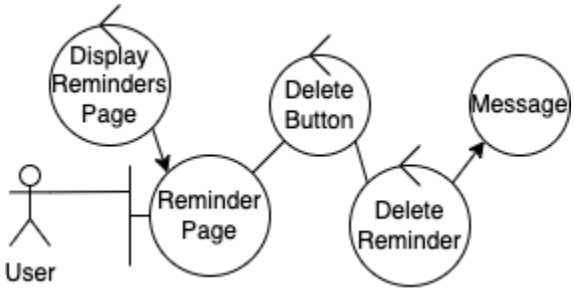
ALTERNATE COURSES:
The user enters an invalid title: The System rejects the request and displays the Reminder page with an error message.

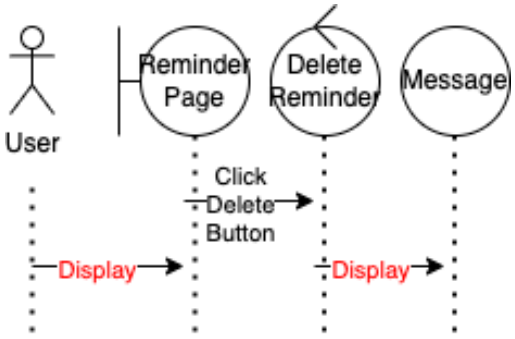
The reminder is already made: The system rejects the request and displays the Reminder page with an error message.

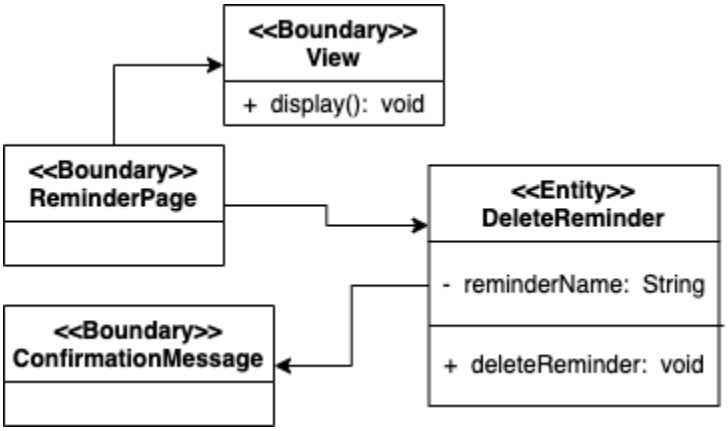


Delete Reminder
BASIC COURSE:
On the Reminder page, the user clicks on the Delete button on a reminder. The system then removes the reminder. The System then displays confirmation and displays the Reminder page.

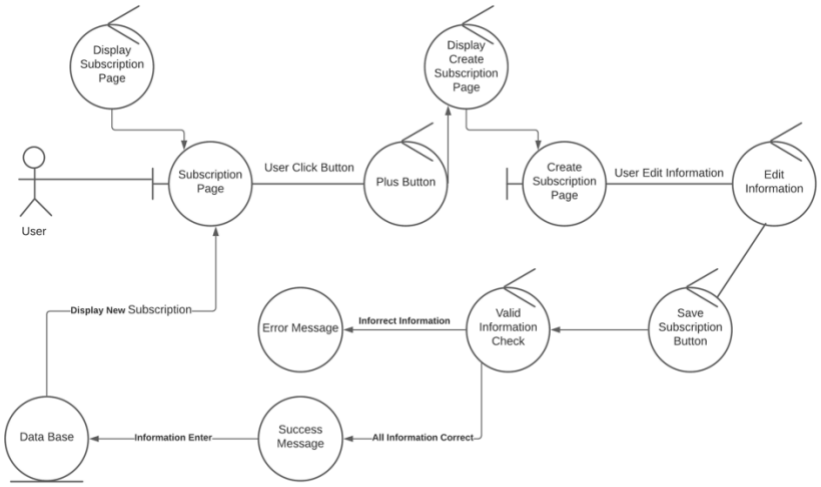
ALTERNATE COURSES:
None.





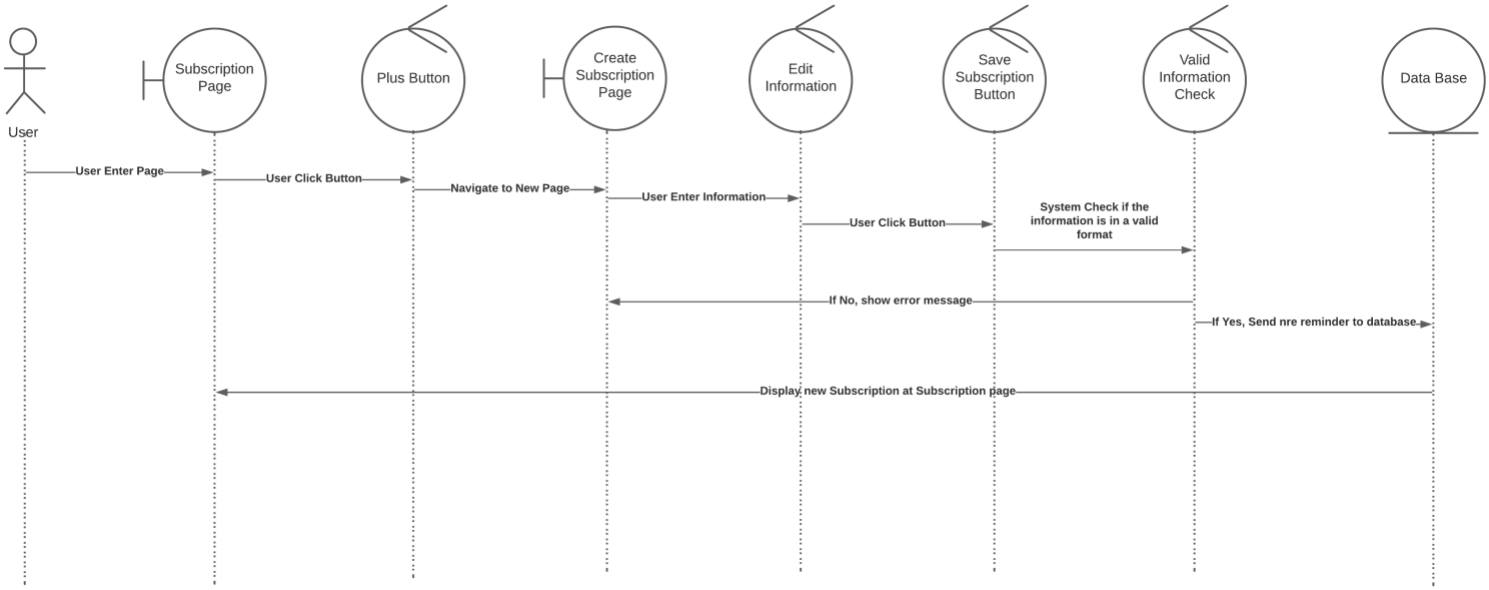


Create New Subscription
BASIC COURSE:
On the Subscriptions page, the user clicks on the Plus button, and the system displays the Create Subscription page. The user enters the Subscription title, description. The user then clicks on the Save Subscription button. The system ensures that the information is valid, then adds the subscription to the list of subscriptions. The System then displays confirmation and the subscription is displayed under the Subscription page.

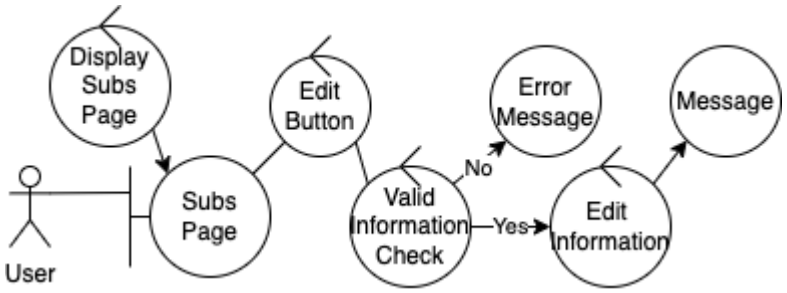


ALTERNATE COURSES:
The user enters an invalid title: The System rejects the request and displays the Subscription page with an error message.

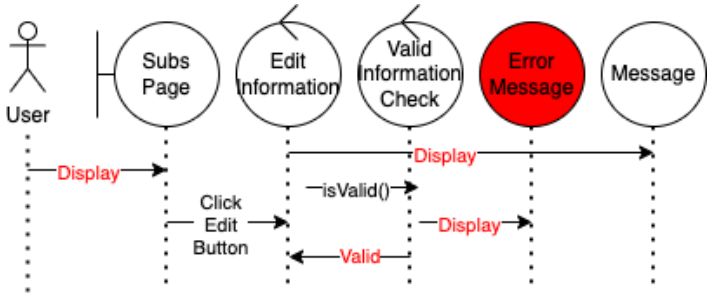
The Subscription is already made: The system rejects the request and displays the Subscription page with an error message.



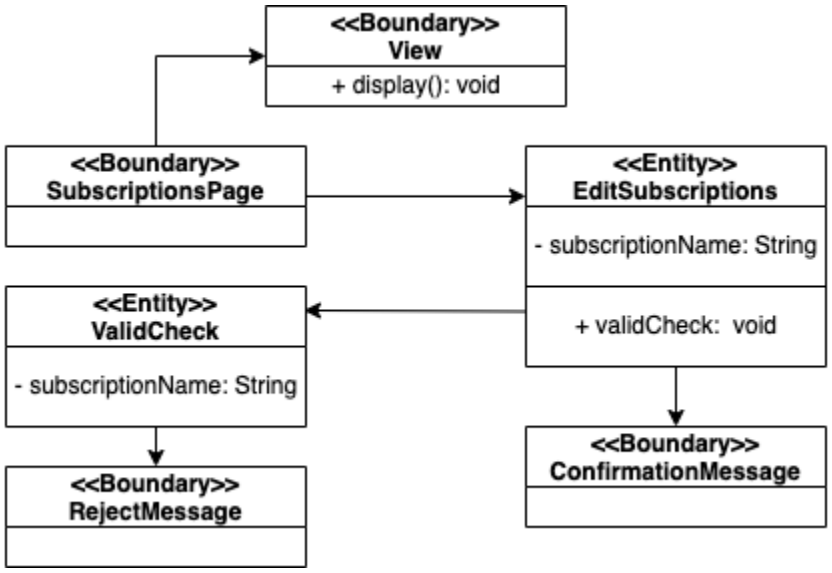
Edit Subscription
BASIC COURSE:
On the Subscription page, the user clicks on the Edit button. The system ensures that the information is valid, then adds the subscription to the list of subscriptions. The System then displays confirmation and the subscription is displayed under the Subscriptions page.

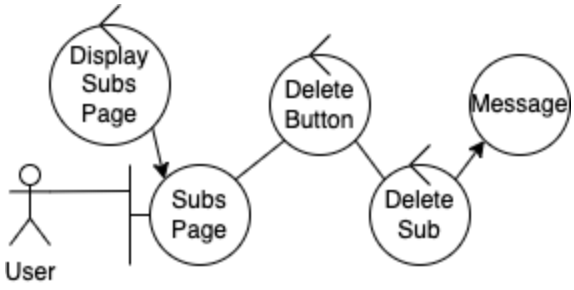
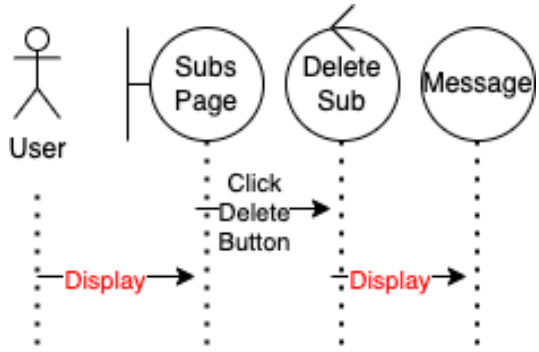
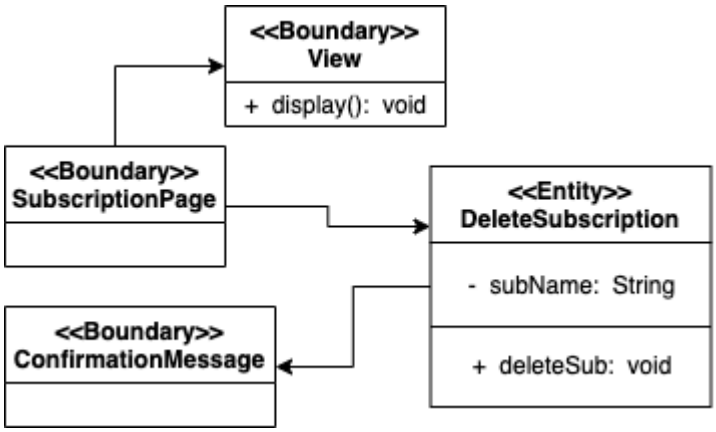


ALTERNATE COURSES:
The user enters an invalid title: The System rejects the request and displays the Subscription page with an error message.



The Subscription is already made: The system rejects the request and displays the Subscription page with an error message.



Delete Subscription
BASIC COURSE:
On the Subscription page, the user clicks on the Delete button on a subscription. The system then removes the subscription. The System then displays confirmation and displays the Subscriptions page.

ALTERNATE COURSES:
None.