

USECASES FOR REDESIGN OF VENMO MOBILE APPLICATION

1. Heavy Weight Use Case 1:

- ❖ **Use Case:** Utilities/Bill Payment management
- ❖ **Actor:** Customer/User of Venmo mobile application
- ❖ **Use Case Overview:** The user chooses the bill payment option which has multiple utility and bill payment options. The user can choose the required service to make bill payment.
- ❖ **Trigger:** User wants to make payment for a utility/service bill used by the user.
- ❖ **Precondition 1:** The user has mobile with camera in working condition
- ❖ **Precondition 2:** The user selected the service or utility for which the bill payment must be made.
- ❖ **Basic Flow:**
 - User logs into Venmo mobile application and selects the Bill Payment option from the home screen of the application.
 - User selects a service from a list of services and utilities for which the user wants to pay the bill.
 - The user selects the service and fills in the necessary details required for bill payment and completes the payment.
- ❖ **Alternate Flow 1:**
 - User logs into Venmo mobile application and selects the Bill Payment option from the home screen of the application.
 - User receives a reminder for bill payment in the reminder section of the mobile application as the bill is generated.
 - User checks the reminder notification which redirects them to the service provider payment section, where user fills the necessary required details and completes the bill payment.
- ❖ **Alternate Flow 2:**

- User logs into Venmo mobile application and selects the Bill Payment option from the home screen of the application.
- Users stay in shared housing apartments and pay the utility bills through the mobile application.
- The user has a group with his housemates on the application and adds the bill details as expense in the group.
- The application itself calculates and equally divides the money among the group members and maintains records of all the expenses added in the group.

❖ **Post Conditions:**

- The amount gets distributed among the group members, and each member must pay for their individual shares.
- The transactions are sorted, and users physically do not have to keep track of their individual payments.

2. Heavy Weight Use Case 2:

❖ **Use Case:** Investments in the cryptocurrency and stock market

❖ **Actor:** Customer/User of Venmo mobile application

❖ **Use Case Overview:** The user wants to make investment of their finances in cryptocurrency, stocks, or mutual funds where user can trade.

❖ **Trigger:** User wants to invest his finances in cryptocurrency, mutual funds and stocks.

❖ **Precondition 1:** The user has linked their bank account or card to the Venmo account

❖ **Precondition 2:** User has successfully created a trading account after complete verification.

❖ **Basic Flow:**

- User logs into Venmo mobile application and selects the Investments option from the home screen of the application.
- User selects the mutual fund, stock or cryptocurrency from a list in which the user wants to invest their finances.
- Users then buy or sell the selected investment product as per their understanding and choice.

❖ **Alternate Flow 1:**

- User logs into Venmo mobile application and selects the Bill Payment option from the home screen of the application.
- User must create a trading portfolio where all the trading transactions performed by the user can be seen and tracking of all the investments can be maintained.
- By selecting the investment option by tracking the market trend analysis the user can buy or sell the investment product.

❖ **Alternate Flow 2:**

- User logs into Venmo mobile application and selects the Bill Payment option from the home screen of the application.
- The user maintains a portfolio where all the transactions are tracked, and which further has multiple individual portfolios for cryptocurrency, stocks and mutual funds.
- The application also provides a separate menu for individual investment options which provides them with a list of all the options where the user can buy or sell the investment products.

❖ **Post Conditions:**

- The user buys or sells the investment products after analyzing the trends of the market.

3. **Medium Weight Use Case 1:**

❖ **Use Case:** Pay/Request Payment

❖ **Actor:** Customer/User of Venmo mobile application

❖ **Use Case Overview:** The user chooses the pay/request option which has two payment options: Scan and Pay and make payment to contact.

❖ **Trigger:** User must make or request payment to another user or to a store/business.

❖ **Basic Flow:**

- User logs into Venmo mobile application and selects the Pay/Request option from the home screen of the application.
- Enter the recipient's username and then enter amount, select payment method, and provide description about the payment. Then select whether you want to send or request payment from another user.

- For the scan payment option user scans the QR code of the store/business for which the payment must be made.

❖ **Alternate Flow 1:**

- User logs into Venmo mobile application and selects the Pay/Request option from the home screen of the application.
- User enters the recipient username, the application provides two different user lists, one for the users in the contact list and other list of users who are not in the contact list but with the similar username.
- For the scan payment option user has two options to scan QR code or Venmo me option. Every user is provided with a unique QR code which can be used to make payment.
- The user can scan the QR code for store/business or ask another user to share their QR code to make payment and send their QR code to other users for receiving payment from them.

❖ **Post Conditions:**

- The user then makes a successful payment or receives a payment from another user.

4. Medium Weight Use Case 2:

❖ **Use Case:** Transaction Management

❖ **Actor:** Customer/User of Venmo mobile application

❖ **Use Case Overview:** The user wants to have a detailed summary of the completed transactions by them, or payments made by other users to them.

❖ **Trigger:** The user wants to keep track of all the transactions of both the amount sent by them and received by them from other users.

❖ **Basic Flow:**

- User logs into Venmo mobile application and selects the Transactions option from the home screen of the application.
- The user gets a list of all the transactions performed by them and all the transactions which they have received from other users and group transactions.

❖ **Alternate Flow 1:**

- User logs into Venmo mobile application and selects the Transactions option from the home screen of the application.
- The user gets the option to view personal and group transactions separately.
- The transactions are sorted, and the user can view the transactions based on the category if they are personal transactions or group transactions.

❖ **Post Conditions:**

- The transactions are sorted, and it is easy to look for transactions when needed.

5. Light Weight Use Case 1:

❖ **Use Case:** Manage User Profile

❖ **Actor:** Customer/User of Venmo mobile application

❖ **Basic Flow:**

- The user selects the profile option from the bottom navigation bar on the application.
- All the user details are displayed, and the user also has the option to update or edit the details if needed.
- To edit the details user selects the edit option and makes changes to the details and to update the details update option is chosen and details are updated.

❖ **Post Condition:**

- User gets the latest user details every time the user checks the profile.

6. Light Weight Use Case 2:

❖ **Use Case:** Add money to wallet

❖ **Actor:** Customer/User of Venmo mobile application

❖ **Basic Flow:**

- The user selects the add money option from the home page of the application.
- User enters the amount to be added to the account and chooses the linked account from where the amount is added to the wallet.

❖ **Post Condition:**

- The wallet amount gets updated every time the money is added to the wallet and is available for payment to the user.

7. **Light Weight Use Case 3:**

❖ **Use Case:** Help section for the application

❖ **Actor:** Customer/User of Venmo mobile application

❖ **Basic Flow:**

- The user selects the help option from the bottom navigation bar on the application.
- Chat support is provided for assistance for the application users and an emergency contact phone number is provided for assistance.

❖ **Post Condition:**

- User issues are resolved and are always available for assistance.