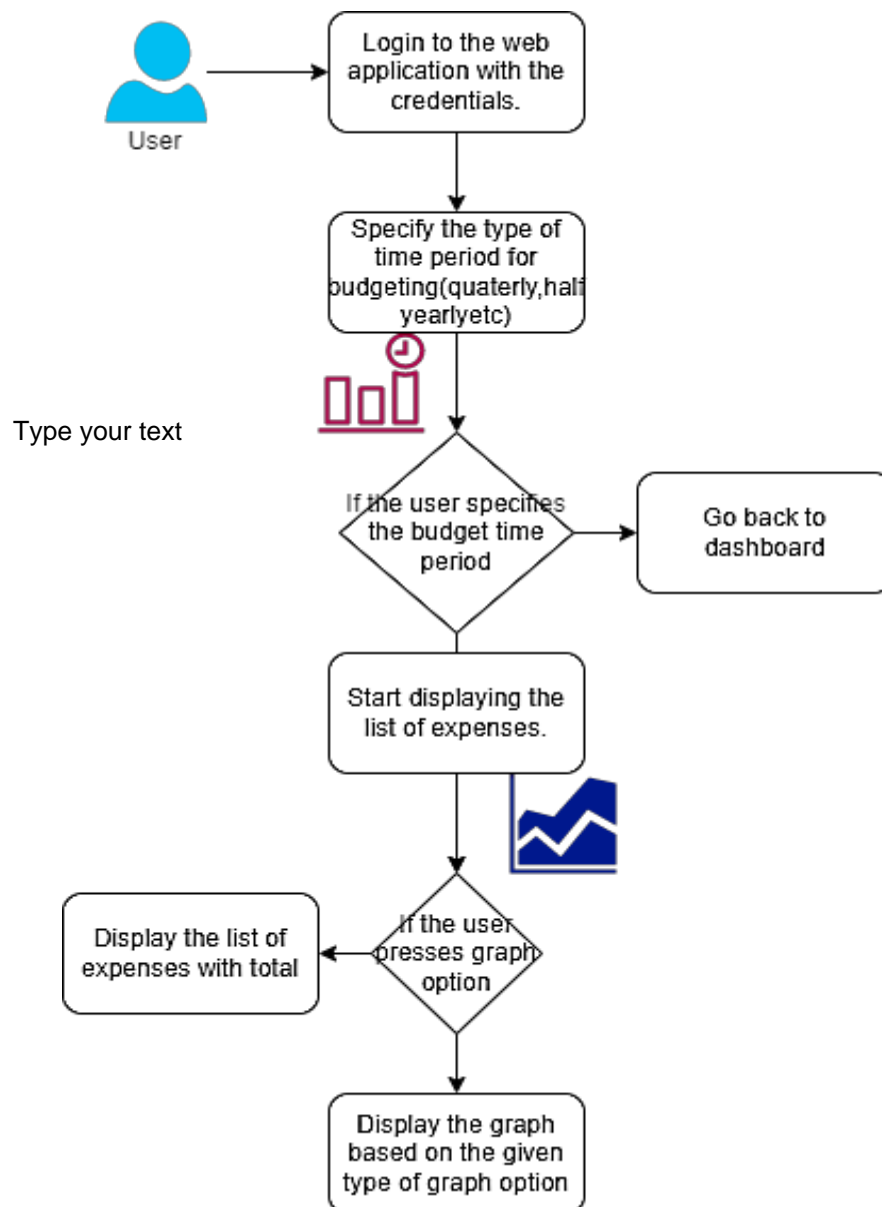


Project Design Phase-I Solution Architecture

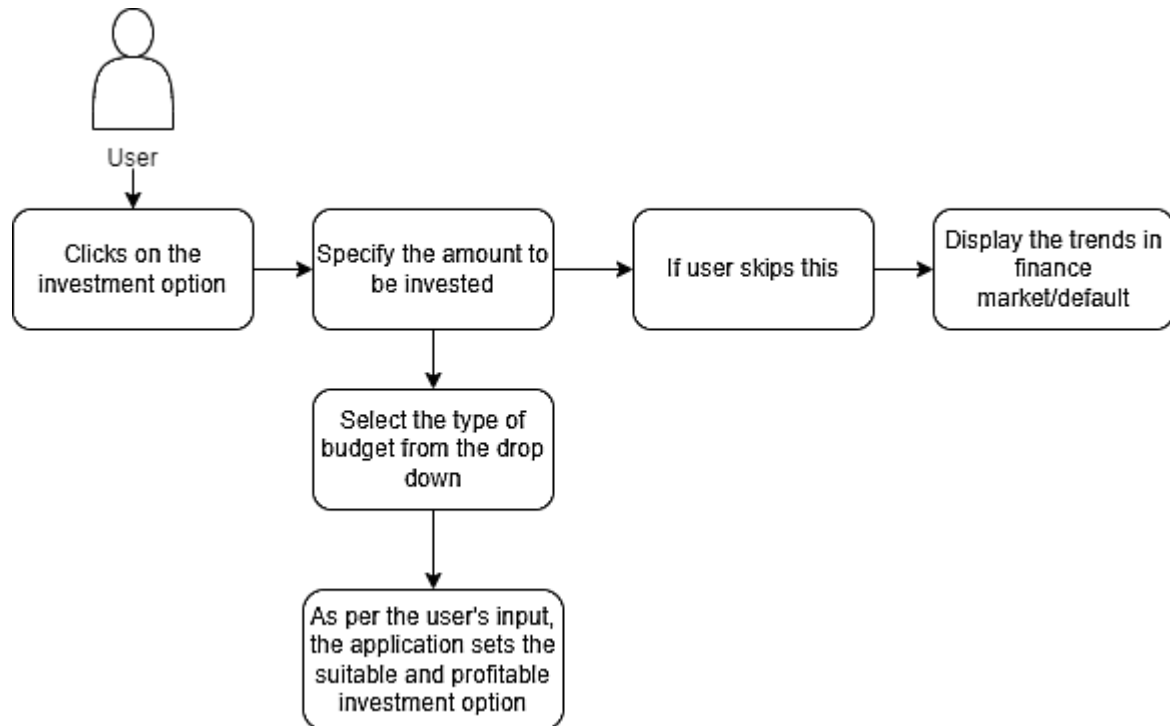
| | |
|---------------|---------------------------------------|
| Date | 16 OCTOBER 2022 |
| Team ID | PNT2022TMID31180 |
| Project Name | Personal Expenses Tracker Application |
| Maximum Marks | 4 |

Solution Architecture Diagram:

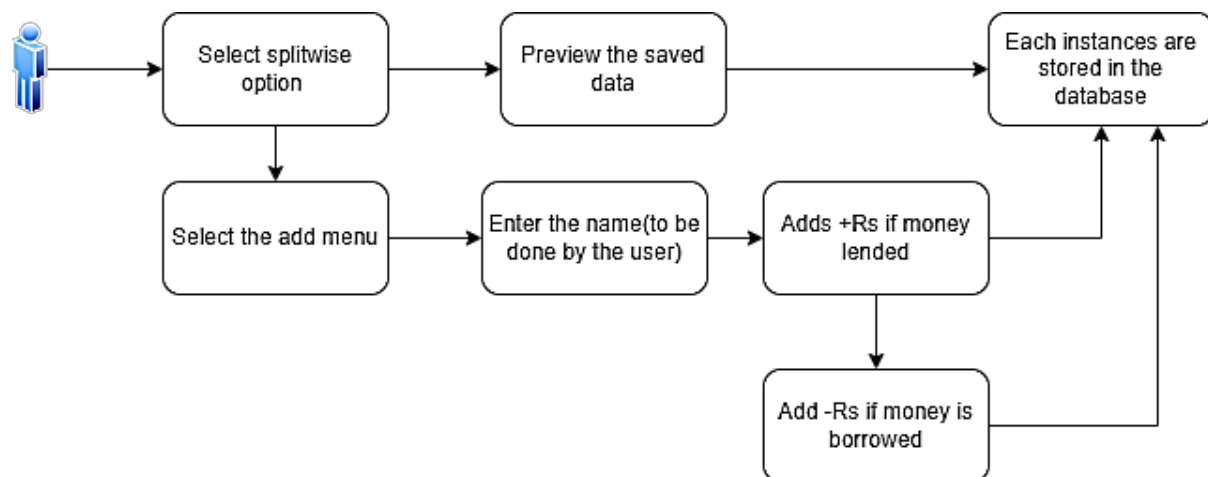


The above architecture is the web version of the personal expense tracker application where the user is first redirected to the signup (if the user is a new user). After login to the account, they could add their budget details and if required they could visualize it via graphs and plots. Specifying the time period for the budget could help users to easily manage their expenses without any issues. This budget

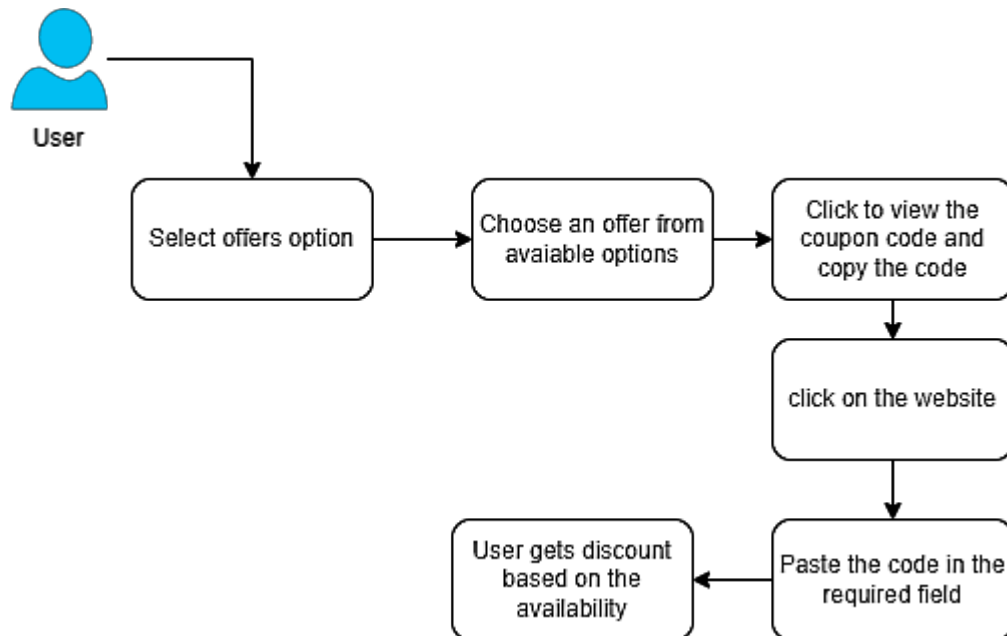
time period feature could help the user to effectively manage their funds and could even save some penny of funds that could help in their emergency expenses,



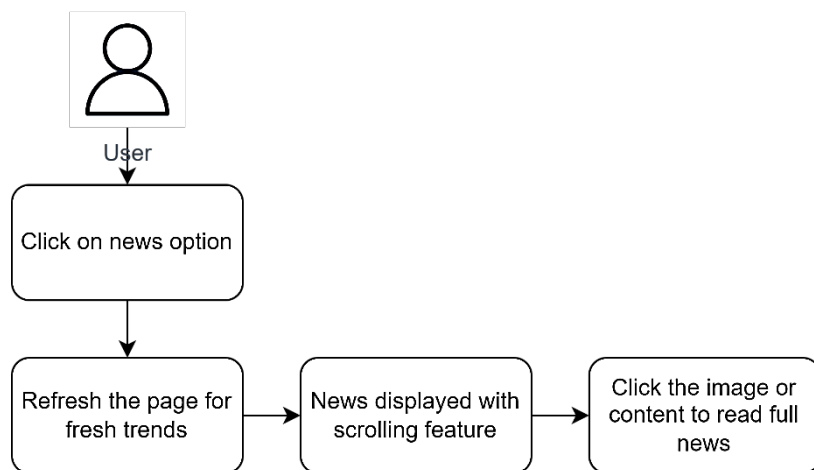
The above architecture shows about the investment option in the web application which is an added feature in the application to the user. This feature also recommends the suitable investment option for the user thus making it easier for the user to navigate in and around the application. Another important feature is the finance market which gives the user an idea about finances and even stocks.



This feature is used to split bills among friends and groups i.e., any record of money lent or borrowed is stored here. The user needs to tap on add menu and then the user needs to enter the name and amount. The user needs to add +Rs. if money is lent and -Rs. if money is borrowed. Each transaction is stored in the database. All the previous records can also be viewed from here.



This feature provides the user with the latest ongoing offers in popular categories that are available on trusted ecommerce websites. The user can fetch the coupon code and shop within the app using web-view feature.



With this capability, the user can access verified financial news. The news is retrieved from several websites for financial news.