Specification of the use case and class diagram

The project was proposed to implement a multi-currency e-wallet by achieving basic functional requirements such as money deposit, withdrawal, bill payment and transfer of money between two e-wallet accounts. As the instruction given for the project, "exchangerate API" (https://exchangerate.host) was used to get exchange rates to covert EUR and USD currency values. Following user cases have been implemented as project functions.

- User Signup
  - An external user can sign up for the system.
- User Login
  - A user who already has an e-wallet account can sign in for the system by using his/her login credentials
- Create e-wallet Account
  - An e-wallet account has been created automatically when a user signs up for the system
- Deposit money
  - Users can deposit money into their account through two currencies which are Euro and US dollars
- Withdraw money
  - Users can withdraw money from their account through two currencies which are Euro and US dollars
- Bill Payment
  - Users can pay essential bills from their account through two currencies which are Euro and US dollars
- Transfer money between two accounts
  - Users can transfer money from their account to another e-wallet account through two currencies which are Euro and US dollars.

UML Class Diagram