Personal Expense Tracker Solution Architecture

front End

Back End

Database

CSS { } Styles

User

Mail

- Sign Up to the webapp
- login to webapp
- display User Dashboard
- add Expenditure
- add Remainder
- add Salary and Finance Details

HTM </> SignUp Page

HTM </> Login Page

HTM </> Dashboard

HTM </> Expenditure Page

HTM </> Remainders Page

HTM </> Savings Page

- Send Sign Up Data to create user
- returns success or failure
- validate user credentials
- Display User Dashboard after successful login
- Send expense details
- add Remainders for user
- Send savings data of user

app.py

- update details in database
- get data from Database

IBM DB2

- store uploaded files
- retrieve uploaded files

IBM Cloud Object Storage

Send Remainder to notify user

SendGrid

Notifies user