**Front-end Engineering Assignment**

* **Installation of software:-**
  + Install Python 2.7 in linux.
  + Install DJANGO using pip in linux.
  + Make sure your Django should be in ['/usr/local/lib/python2.7/dist-packages/django'].
* **Functionalities of the software:-**
  + **Record your expenses on daily basis:-**
    - In this you can add your grocery expenses, entertainment expenses, Food expenses, vehicle expenses and miscellaneous expenses.
    - You can add the above mentioned expenses in the given dialogue box.
  + **Visualization of expenses by graph:-**
    - You can check your all expenses.
    - I used a bar graph to visualize expenses according to daily basis and monthly basis.
    - In monthly basis you have to enter the dates form where to where you want to check your expenses by visualization.
    - While in daily basis you don’t have to enter any date as it will automatically display the expense of that day.
  + **Tracking of all the daily basis expenses:-**
    - You have to select any one of the category mentioned to check your total expense on that category.
* **GUI of the software:-**
  + I used HTML , BOOTSTRAP to build front-end of my software.
  + To display the graph for visualization of the daily and monthly expenses i used CHART.JS .
* **Back-end of the software:-**
  + I used Python to create back-end.
  + I used Python framework Django to connect the front-end and back-end.
  + I used Django framework as it is easy to implement and in less lines of code also you can develop a better webpage.
  + Django is not directly connected to the server, it creates an interface between your server and front-end.
  + It also helps to protect your server from garbage values.