

SplitWiseClone

The_Trident

Bhogi Suraj Krishna
Ramanathi Manjunath
Telu Bargav Sai

SSL Course Project
Department of Computer Science and Engineering
IIT Bombay.

November 7, 2019

Implementation Details

Database Design: For every user registered objects corresponding to classes in models.py are created i.e., for profile, friends(pair of user, friend), transactions(user, friend, amount, description, group), groups(groupname, users)

Workflow: < app > folder --> Main back_end processing over here
templates folder --> All the front_end html,css,JS part of our website
< splitwise > folder --> Accessing urls of our apps and control them
views.py --> This is used to make our website dynamic(sort of abstract version)
forms.py --> Forms used in website(login,signup...)
urls.py --> Assigning id's for all urls to make them available in all files

Overall workflow:

project/urls.py -> app/urls.py -> app/views.py -> html files

Future Plan of Action

Timeline:

23rd Try and finish till 3rd feature

24th 4th feature and start with additional feature

25th Additional feature, starting presentation work

26th Demo, Presentation, Viva :(

- 1 Try to use "reportlab" package for displaying piecharts and bargraphs
- 2 Planning to use FileResponse from django and canvas from reportlab.pdfgen to create pdf
- 3 We were trying to implelement groups just like friends but instead of user we will implement ManytoMany for group_name
- 4 For activities we will extract friend, group and amount from transactions and render them to our html

Additional Features

Additional Features:

Thank You!!

The_Trident