

Frontend Design

login.html

Logo header

Login

Username

Postword

2 Login

1 Register

footer

register.html

Logo header

Register

Username

Postword

Confirm

3 Register

3 Login

4

footer

posts.html

Logo header

1 User

< banner >

Search Box w/ Criteria

5

 New Post

7

< Post List >

6

footer

view Post.html

Logo header

1 User

photo

< Post Info >

Name

New Comment

8

< Comments >

footer

newPost.html

Logo header

1 User

< Post Form >

Submit

9

footer

user.html

Logo header

1 User

photo

< Default Info for Post >

Username

6

Delete

Delete

Delete

Delete

Delete

10

< User Post List >

footer

Backend Design

- ① GET '/register' render('register')
- ② GET '/posts' render('posts')
- ③ GET '/login' render('login')
- ④ POST '/register' send()
- ⑤ POST '/posts/query' send()
- ⑥ GET '/posts/100000001' render('viewPost')
- ⑦ GET '/posts/newPost' render('newPost')
- ⑧ POST '/comments' send()
- ⑨ POST '/posts' redirect('/posts/100000002')
- ⑩ DELETE '/posts/100000002' send()

Database Design

User

username: "frankyf" **PK**
password: "abcdefg"
photo:

Post

postId: 1000000001 **PK**
postType: "student" / "tutor"
name: "Franky Fan"
phone: "604-999-8408"
email: "frankyfan001@gmail.com"
wage: 30
school: "UBC" / "SFU"
course: "CPSC 455"
Available: "0000011"
description: "Hi, my name is Franky....."
dateTime: "2021-05-27 13:23:44"
username: "frankyf" **FK to User.username**

Comment

commentId: 2000000001 **PK**
content: "A nice guy."
rating: 1 / -1 // Like or Dislike
postId: 1000000001 **FK to Post.postId**
username: "lisaw" **FK to User.username**