Sprint One Retrospectives

Sprint planning outline

Sprint one is tasked with designing, architecting, and implementing basic requirements of client requirements within three weeks, especially focusing on functional requirements. The acceptance requirements for this sprint are outlined previously.

Sprint team members

Name	Role
@ Yi XIAO	Scrum Master
@ Hang Zou	Architecture leader
@ Yifan CAI	Production Owner
@ Zehong LI	Test Leader
@ Chang Liu	Test member
@Jiaxin Fan	Client

Requirements and results

Requirements	Results
• Be able to access the website such that viewing, scrolling, and clicking on buttons.	• Implementation of static HTML file using Nginx to send the index.html file to users. The CSS flex-box used to allow for responsive viewing across all platforms.
• Be able to register a new user account independently.	• Upon clicking the “sign up” button and the registration form will come out. After submitting the form, their details are encrypted and stored into a separate database (MongoDB).
• Be able to send a warning message to users when he entered an existing email address.	• After submitting the form with an existing email address, the register_error HTML page will occur which will illustrate the error below the registration form.
• Be able to log in to personal e-portfolio.	• After entering the email and corresponding password, Nginx will proxy the request to Node.js and the home.html will come out. The home.html page will include your personal information (Lastname) which is the indication of your login.
• Be able to send error (warning) message to users when he entered an incorrect password.	• After submitting the login form, the login_error.html page which includes the “Incorrect password” indicator will come out.
• Be able to send error (warning) message to users when he entered nonexistent email.	• After submitting the login form, the login_error.html page which includes the “User not found” indicator will come out.
• Be able to access the basic page which includes all the fundamental elements(Home page, Learning experiences, etc.)	• After entering your email and correct password, or signing up a new account, the home page will present.
• Be able to send an error page when users directly add ‘/Login' in URL, including the situation in which the owner refreshes the page.	• We using node.js to respond to this situation when we receive the /GET Login, the error page will present to users.
• Including personal information that represents the website is after login.	• The home page will include the last name of the user after login.

Suggestions and Additional Requirements

- **Functional requirement:**
  - Add security questions in sign up, which is important in implementing ‘forgot password’.
  - Implement the ‘forgotten password’ function and security questions
  - Overview of the interface, capable to search, and choose the article uploaded before to make some changes, such as deletion and edition.
  - A backup center used to recover the files that delete accidentally.
- **Non-functional requirement:**
  - Advice for the background design, need more elements such as landscape, paintings, or natural scenarios with some suitable colors.
  - Add some modules on the homepage, such as personal information pages, hobbies pages, profile pages, background, and so on

Technologies Introduced During this Sprint

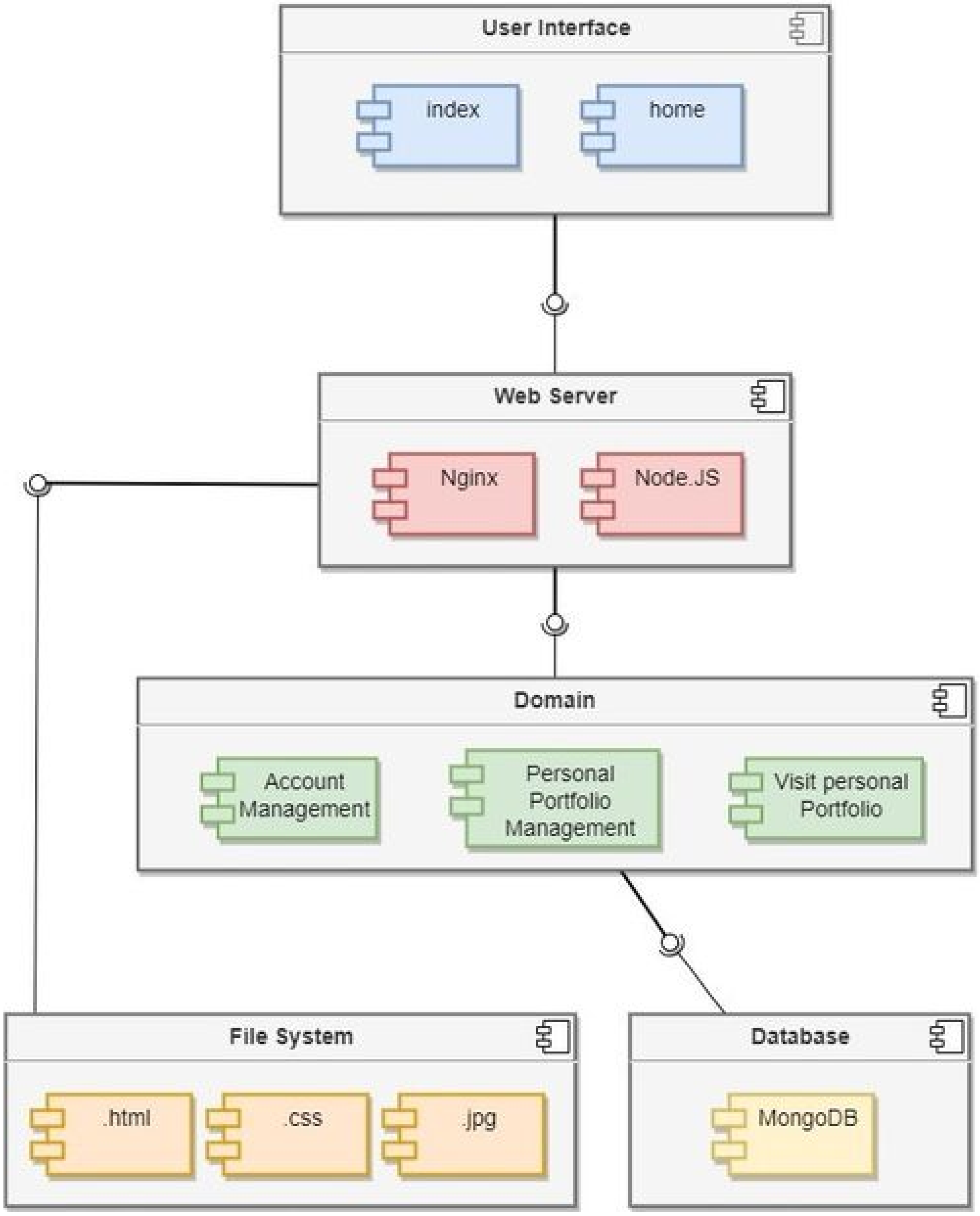
Client Dependencies Added:

- Fontawesome
- Bootstrap
- md5
- Google fonts

Server Dependencies Added:

- Express
- Mongoose
- cookieParse
- bodyParser
- jwt
- Nginx

System Architecture Overview



Testing Report

Requirement

1 Log in to the system

- Verification functionality
- Index page viewing
- Button functionality

2 Access the home page

- Homepage viewing
- Button functionality
- Log out

3 Register an account

- Botton functionality

- Information Storage

Completion

	Manual Test	Automation Test
Number of Test Cases Passed	14	2
Number of Test Cases Failed	2	0
Number of Tests Executed	16	2

ID Directory

ID	Front-End Testing	Back-End Testing
1.xx	Log in to the system	Parsing HTML file for login
2.xx	Access the home page	Parsing HTML file for registration
3.xx	Register an account	-

Front-End Testing

ID	Description	Input	Expected Output	Actual Output	Status Update
1.0	Login page viewing	http://3.131.49.106/	Display the login frame and background	The login frame and background are shown.	PASS
1.1	Checking all the button functionality on the Login page	Clicking “Log in”, “Register”.	Log in: The page transfers to the homepage with a valid login, and error warning with an invalid login. Register: Complete an account registration.	Log in: The page transfers to the homepage with a valid login, and error warning with an invalid login. Register: Complete an account registration.	PASS
1.2	Log in to the system with valid account and password	Email: 873651425@qq.com Password: qpzm123456	Log in successfully and transfer to the home page.	Log in successfully and transfer to the home page.	PASS
1.3	Log in to the system with an invalid email and valid password	Email: mary_had_a_little_lamb@qq.com Password: qpzm123456	Log in paused with an error warning.	Error message: “No user found.“	PASS
1.4	Log in to the system with a valid email and an invalid password	Email: 873651425@qq.com Password: 3.14159nvc!-=P	Log in paused with an error warning.	Error message: “Incorrect password.”	PASS
1.5	Log in simultaneously with the same account	A site & B site: Email: 873651425@qq.com Password: qpzm123456	The latest log in page: Able to access the page The first login page: Automatically log out or warning message	The latest log in page: Able to access the page The first login page: No warning message but log out on the sever	FAILED

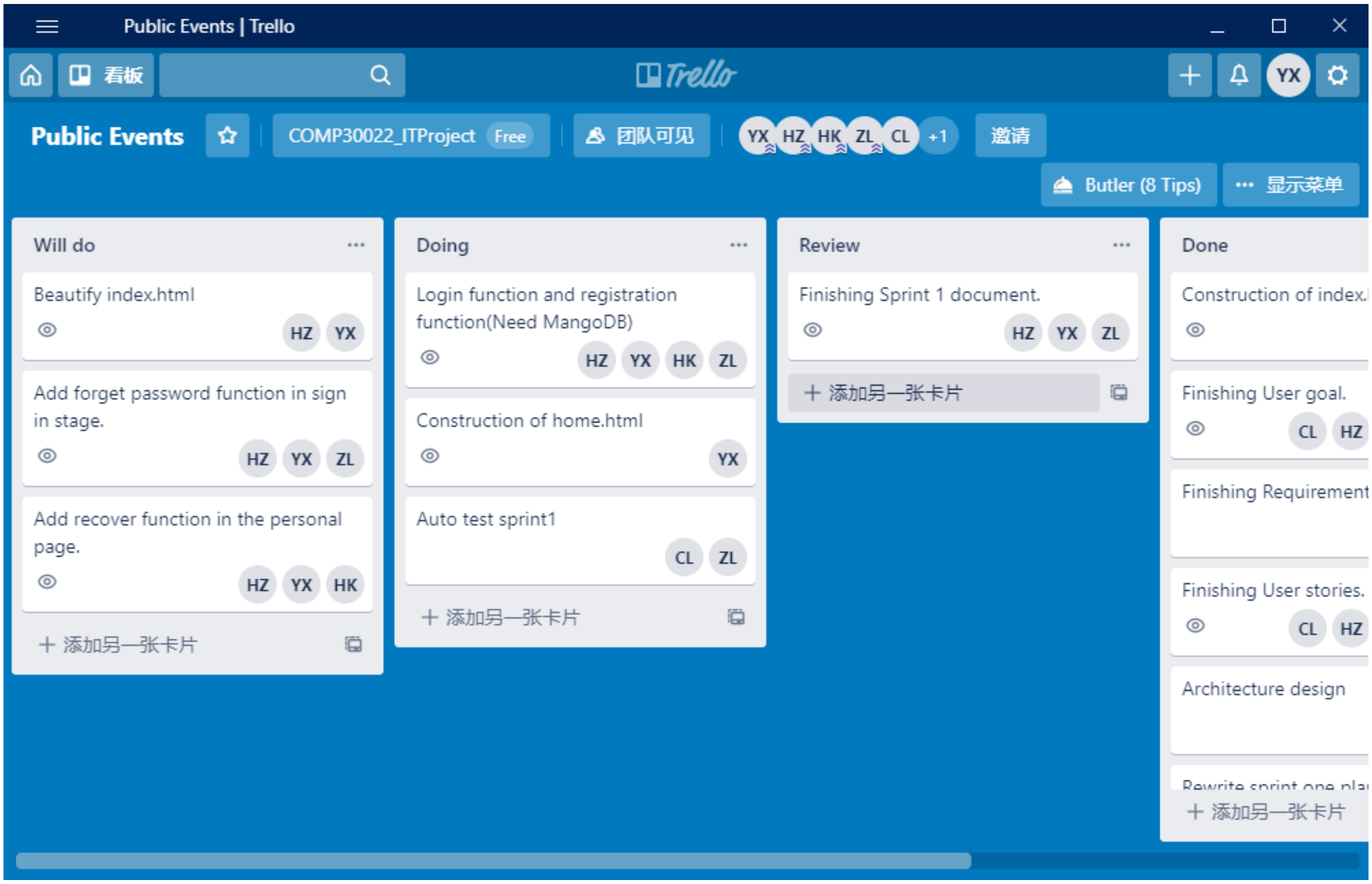
2.0	Home page viewing	http://3.131.49.106/home	Display the page and background	The page and background are shown	PASS
2.1	Checking the button functionality on Home page	Clicking “Log out“	The account log out to the index page	The account log out to the index page	PASS
3.0	Register an account	Email: 873651425@qq.com Last name: Zehong First name: LI Password: qpzm123456	An account is set up with the corresponding information.	The information on the account is correct.	PASS
3.1	Checking registered account store in the database	Existing account: Zehong LI	Storage of ID, date, password, username	ObjectId("5f53c55ba0c2383778ea7348") username: Zehong LI createdAt: 2020-09-05 17:05:31.015Z updatedAt: 2020-09-05 17:05:31.015Z	PASS
3.2	Register with an existing account	Email: 873651425@qq.com Last name: Zehong First name: LI Password: MaryHadALittleLamb	Unable to register and log in, an error message shows up.	Unable to register and log in No error message shows up	PASS

Back-End Testing

ID	Description	Input	Expected Output	Actual Output	Status Update
1.0	Parsing the HTML file and check the login status. (Invalid Password and valid email)	Email: 873651425@qq.com Password: 123456	<p>Incorrect password.</p>	<p>Incorrect password.</p>	PASS
1.1	Parsing the HTML file and check the login status. (Invalid email)	Email: testtesttest@123.com	<p>No user found.</p>	<p>No user found.</p>	PASS
1.3	Parsing the HTML file and check the login status. (Valid email and password)	Email: 873651425@qq.com Password: qpzm123456	<!-- Write Name Here --> <h1>Hi, LI</h1>	<!-- Write Name Here --> <h1>Hi, LI</h1>	PASS
2.0	Parsing the HTML file and check the registration status. (Invalid username)	First name: <h1>LI</h1> Last name:<h1>Zehong</h1>	An error message, page transfer paused.	<!-- Write Name Here --> <h1>Hi, &#60;h1&#62;LI&#60;/h1&#62;</h1>	FAILED
2.1	Parsing the HTML file and check the registration status. (valid username)	First name: admin123 Last name admin123	<!-- Write Name Here --> <h1>Hi, admin123</h1>	<!-- Write Name Here --> <h1>Hi, admin123</h1>	PASS

Appendix

A.1 Trello



Will do

- Beautify index.html — HZ YX
- Add forget password function in sign in stage. — HZ YX ZL
- Add recover function in the personal page. — HZ YX HK
- ＋ 添加另一张卡片

Doing

- Login function and registration function(Need MangoDB) — HZ YX HK ZL
- Construction of home.html — YX
- Auto test sprint1 — CL ZL
- ＋ 添加另一张卡片

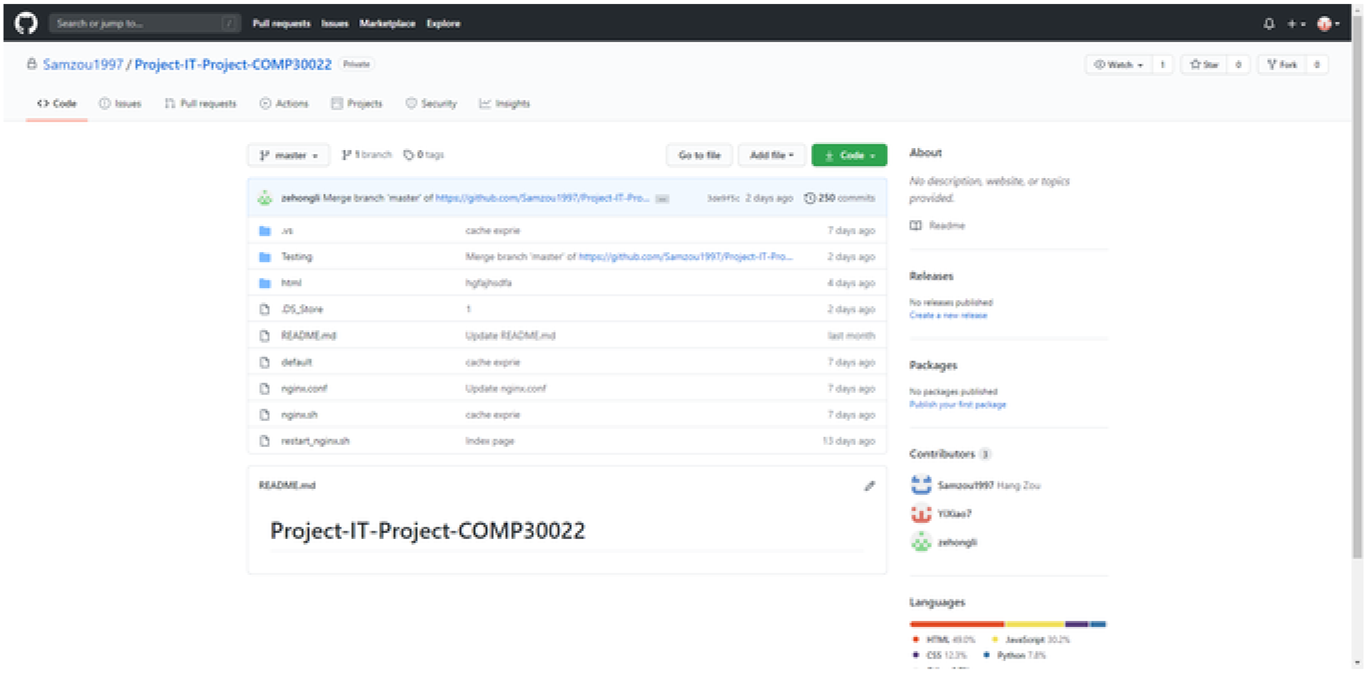
Review

- Finishing Sprint 1 document. — HZ YX ZL
- ＋ 添加另一张卡片

Done

- Construction of index.
- Finishing User goal. — CL HZ
- Finishing Requirement
- Finishing User stories. — CL HZ
- Architecture design
- Rewrite sprint one pla
- ＋ 添加另一张卡片

A.2.1 Github Overview



Samzou1997 / Project-IT-Project-COMP30022 Private

zehongli Merge branch 'master' of https://github.com/Samzou1997/Project-IT-Pro... 3ae9f5c 2 days ago 250 commits

.vs	cache exprie	7 days ago
Testing	Merge branch 'master' of https://github.com/Samzou1997/Project-IT-Pro...	2 days ago
html	hgfajhsdfa	4 days ago
.DS_Store	1	2 days ago
README.md	Update README.md	last month
default	cache exprie	7 days ago
nginx.conf	Update nginx.conf	7 days ago
nginx.sh	cache exprie	7 days ago
restart_nginx.sh	Index page	13 days ago

README.md

Project-IT-Project-COMP30022

About

No description, website, or topics provided.

Readme

Releases

No releases published
Create a new release

Packages

No packages published
Publish your first package

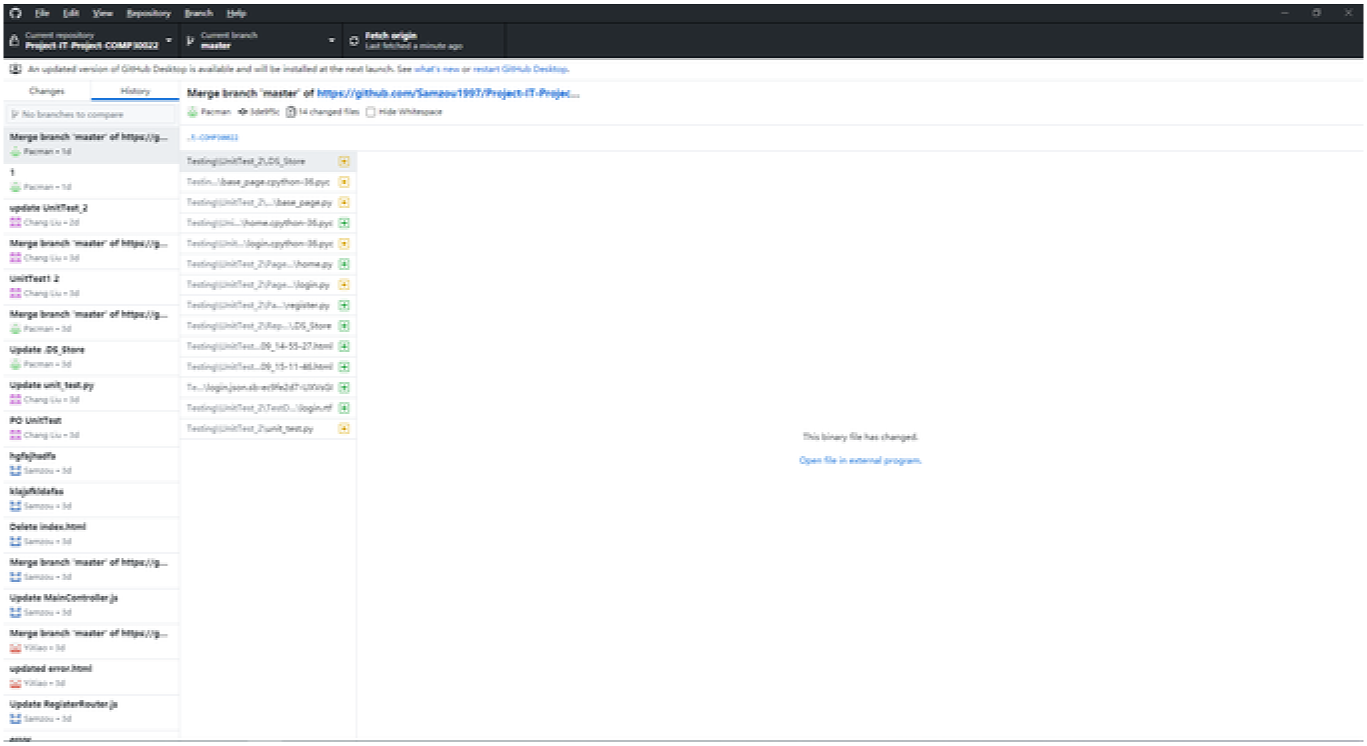
Contributors 3

- Samzou1997 Hang Zou
- YiXiao7
- zehongli

Languages

- ● HTML 48.0%
- ● JavaScript 30.2%
- ● CSS 12.3%
- ● Python 7.8%

A.2.2 Github Repository History Overview



An updated version of GitHub Desktop is available and will be installed at the next launch. See what's new or restart GitHub Desktop.

Merge branch 'master' of https://github.com/Samzou1997/Project-IT-Projec...
Pacman 3de9f9c 14 changed files

Merge branch 'master' of https://g...
Pacman • 1d

1
Pacman • 1d

update UnitTest_2
Chang Liu • 2d

Merge branch 'master' of https://g...
Chang Liu • 3d

UnitTest1 2
Chang Liu • 3d

Merge branch 'master' of https://g...
Pacman • 3d

Update .DS_Store
Pacman • 3d

Update unit_test.py
Chang Liu • 3d

PO UnitTest
Chang Liu • 3d

hgfsjhadfs
Samzou • 3d

klajsfkldafsa
Samzou • 3d

Delete index.html
Samzou • 3d

Merge branch 'master' of https://g...
Samzou • 3d

Update MainController.js
Samzou • 3d

Merge branch 'master' of https://g...
YiXiao • 3d

updated error.html
YiXiao • 3d

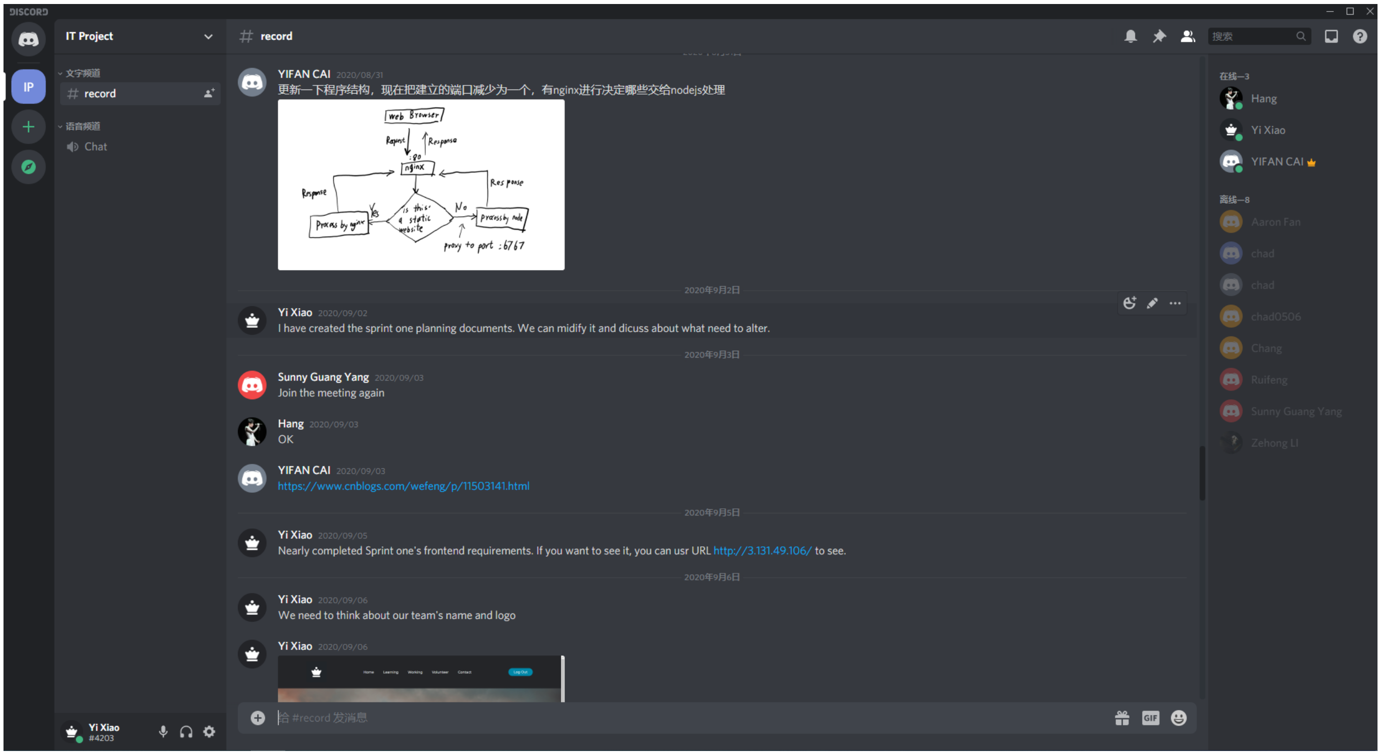
Update RegisterRouter.js
Samzou • 3d

Testing\UnitTest_2\.DS_Store
Testin...\base_page.cpython-36.pyc
Testing\UnitTest_2\...\base_page.py
Testing\Uni...\home.cpython-36.pyc
Testing\Unit...\login.cpython-36.pyc
Testing\UnitTest_2\Page...\home.py
Testing\UnitTest_2\Page...\login.py
Testing\UnitTest_2\Pa...\register.py
Testing\UnitTest_2\Rep...\.DS_Store
Testing\UnitTest...09_14-55-27.html
Testing\UnitTest...09_15-11-48.html
Te...\login.json.sb-ec9fe2d7-UXVxGl
Testing\UnitTest_2\TestD...\login.rtf
Testing\UnitTest_2\unit_test.py

This binary file has changed.

Open file in external program.

A.3 Discord Overview



YIFAN CAI 2020/08/31
更新一下程序结构，现在把建立的端口减少为一个，有nginx进行决定哪些交给nodejs处理

2020年9月2日

Yi Xiao 2020/09/02
I have created the sprint one planning documents. We can midify it and dicuss about what need to alter.

2020年9月3日

Sunny Guang Yang 2020/09/03
Join the meeting again

Hang 2020/09/03
OK

YIFAN CAI 2020/09/03
https://www.cnblogs.com/wefeng/p/11503141.html

2020年9月5日

Yi Xiao 2020/09/05
Nearly completed Sprint one's frontend requirements. If you want to see it, you can usr URL http://3.131.49.106/ to see.

2020年9月6日

Yi Xiao 2020/09/06
We need to think about our team's name and logo

Yi Xiao 2020/09/06

A.4 Meeting with Client(s) Documents

- ***Meeting with clients - 1st:***

Meeting with clients - 1st

- ***Meeting with clients - 2nd***

Meeting with clients - 2nd

A.5 Requirements Documents

- ***Requirements***

Functional Overview

- ***User Goal***

User goal

- ***User stories***

User stories

A.6 Design Documents

- ***Architecture Design***

Architecture design

- ***Use case Diagram***

Ues Case Diagram

- ***Database Design***

Database Design

- ***Login State Diagram***

Login State Diagram