

Milestone 1 Team Workflow & v1.0 Selection

Team message

- **Team name:** 软需不虚队
- **Team leader:** 夏恩博

V1.0 selection

- **V1.0 project:** Project4 Double-C
- **Pros and con:**

pros:

- It's convenient to set up the project, which means the project has good portability.
- The code of the project is relatively standard.
- The front-end of the project is quite elegant.
- The technical stack of the project is node.js and mongodb, which are easy to learn and use.
- The project has good page interactivity

con:

- The comments of the code is not enough, which make the developers' job more difficult.
- The practical guidance on projects and websites is not enough. The developers should configure the environment and learn the function by themselves.

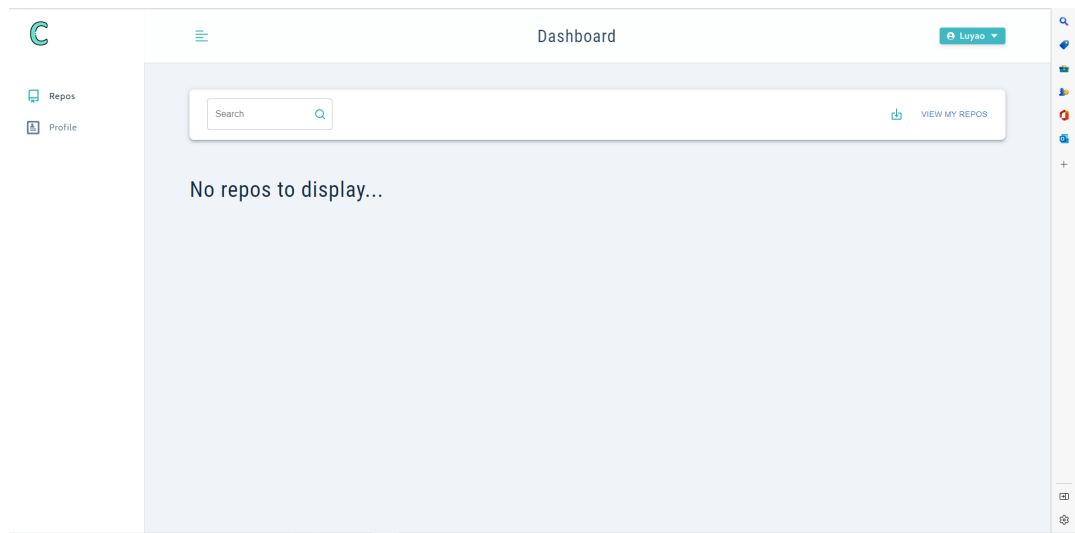
- **Display of setting up of the repository:**

1. run the server

```
D:\grade3.1\软件需求工程\DoubleC-main>npm run server
> double-c@1.0.0 server
> cd backend && nodemon server.js --ignore client

[nodemon] 2.0.20
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting `node server.js`
server is listening on port 4538...
```

2. run the client



Team roles:

- **Task allocation of the code:**

Front-end: 夏恩博, 刘权毅, 巩德志

Back-end: 胡競文, 陆遥

Technical documentation: 巩德志

Task: Learn technology stack and finish the code.

- **Person in charge:**

Project front-end reviewer: 夏恩博

Project back-end reviewer: 胡競文

Task: Examine the quality of the code and determine whether the partners' work conforms to the code specification.

Overall project management: 巩德志

Task: Be in charge of the task of pull and request. Manage the GitHub repository.

Project management:

- **Strategy of project management:**

1. While finishing the task of the code, every partner should use **Camel-Case** to name the variable. And code should conform to the code specification of **Google**.
2. After the partners finish the task of the code, he should send his work to the reviewer of his part. The reviewer should examine the quality of the code and determine whether the code conform to the code specification.
3. Front-end and back-end have different branches. The reviewer should manage the branch.
4. The overall project manager should be in charge of the whole repository. He should determine whether it's proper to merge the branches.

- **Team meeting:**

Frequency: Once a week.

Time: Tuesday evening at 7:00

Form: Offline discussion

Location: 曹光彪西楼一层

Arrangers: Team leader

Recorders: Everyone in turn

Plan:

| ID | Milestone | Iteration1 | Iteration1 Due | Iteration2 | Iteration2 Due | Due |
|----|---|--|----------------|---|----------------|--------------|
| 1 | Team Workflow & v1.0 Selection | select project and Finalize the details of team workflow | 24:00 Oct 1 | turn meeting record into document for Milestone | 24:00 Oct 4 | 24:00 Oct 7 |
| 2 | Vision and Scope & Feature Roadmap | confirm vision and scope during weekly meeting | 24:00 Oct 10 | write feature roadmap according to our vision and scope | 24:00 Oct 13 | 24:00 Oct 14 |
| 3 | Software Requirements Specification & Mid-Term Presentation | specify software requirements during weekly meeting and write document | 24:00 Oct 17 | prepare for mid-term presentation | 24:00 Nov 1 | 24:00 Nov 4 |
| 4 | Design and Coding | specify design details and write design document | 24:00 Oct 24 | write coding according to design documnt and requirement document | 24:00 Dec1 | 24:00 Dec 9 |
| 5 | Final Report & Final Presentation | write final report according to milestones we have done | 24:00 Dec 15 | prepare for final-term presentation(ppt, video) | 24:00 Dec 20 | 24:00 Dec 23 |