

Software Estimation Tool

Introduction

This project is used as the document template of X-Lab, the document template includes README, Requirement Sepcification, Outline Design Specification and Detailed Design Specification. All document templates are writted down by markdown, and you can wirte the document either in Chinese or English.

How to Use It

For backend

Environment Requirements

- **Java Runtime** : JDK 1.8
- **Database**: MongoDB 3.4
- **Package Management Tools**: Maven
- **Configuration Management tools**: git

Get the project

- get the code from github

```
git clone https://github.com/Sixaps/SoftwareEstimation-backend
```

Install dependency

- open the terminal and enter the project folder
- run the command

```
mvn install
```

Change the address of the database to your own database address

- open the file: src->main->resources->application.properties
- change the address of the database to your own database address

Run the program

- run the class : src->main->java->estimation->Application.java

Some Regulations

- the MongoDB should have enough storage to save the data
- Do not modify database data directly according to data format
- Do not occupy 8011 ports when you want to run the front end

For frontend

Environment Requirements

- **nodejs** : nodejs v6.11.4
- **Package Management Tools**: npm v5.6.0

Get the project

- get the code from git lab

```
git clone http://10.60.38.173:8989/shikun/mart/tree/yangbingjie
```

Install dependency

- open the terminal and enter the project folder
- run the command

```
npm install
```

Change the ip address and the port of the estimation backend to your own backend

- open the file: config->index.js
- change the address of the estimation backend to your backend

Run the program

- run the command with terminal

```
npm run dev
```

Some Regulations

- Do not occupy 8080 ports when you want to run the front end
- Try to use Chrome or Safari browser for access