

Team Information

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Alpha Release

Name of the product

- Software Development Project Management Tool

Product Description

1. Team Website

- gitHub Organization
- Website : <https://github.com/pm-tool-se2019>

2. README and User Guide

- Readme is also available to gitHub repository. (Source)
- Readme is writed with github markdown format.

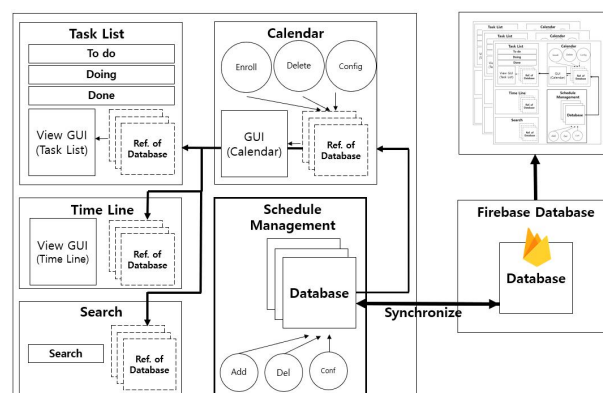
Project Management Tool

Project Description

- * This tools is used to managing/scheduling some tiny team project effectively.

Main Feature

- * This program is consisted of `Schedule Manager, Calendar, TaskList, Search, Timeline diagram`.
- * This diagram shows structure of our program.



- * Our program has real-time synchronization of database between all team members with Firebase Database.

How to use

- * First, Login to our program with account registered in database.(We will not serve login in MVP version)
- * At the main dashborad,

How to obtain and install the software

- * Clone our repository and just build.
- * The command to clone our repository is
``git clone https://github.com/pm-tool-se2019/Source``
- * You need to use `Maven` to install all dependency to execute our program.
- * If you use `intellij` IDE, you can get the dependency library easily.

How to run our software

- * Just build and execute.

How to report a bug

- * We are open to receive contribution or issues for our program.
- * Please don't hesitate to report a bug or to give an opinion to our project :).
- * Just write `issue` of gitHub repository. but, I recommend to write specified issues to get exact reply.

Dependency

- * Our program uses `JavaFX`, `firebase4j`.

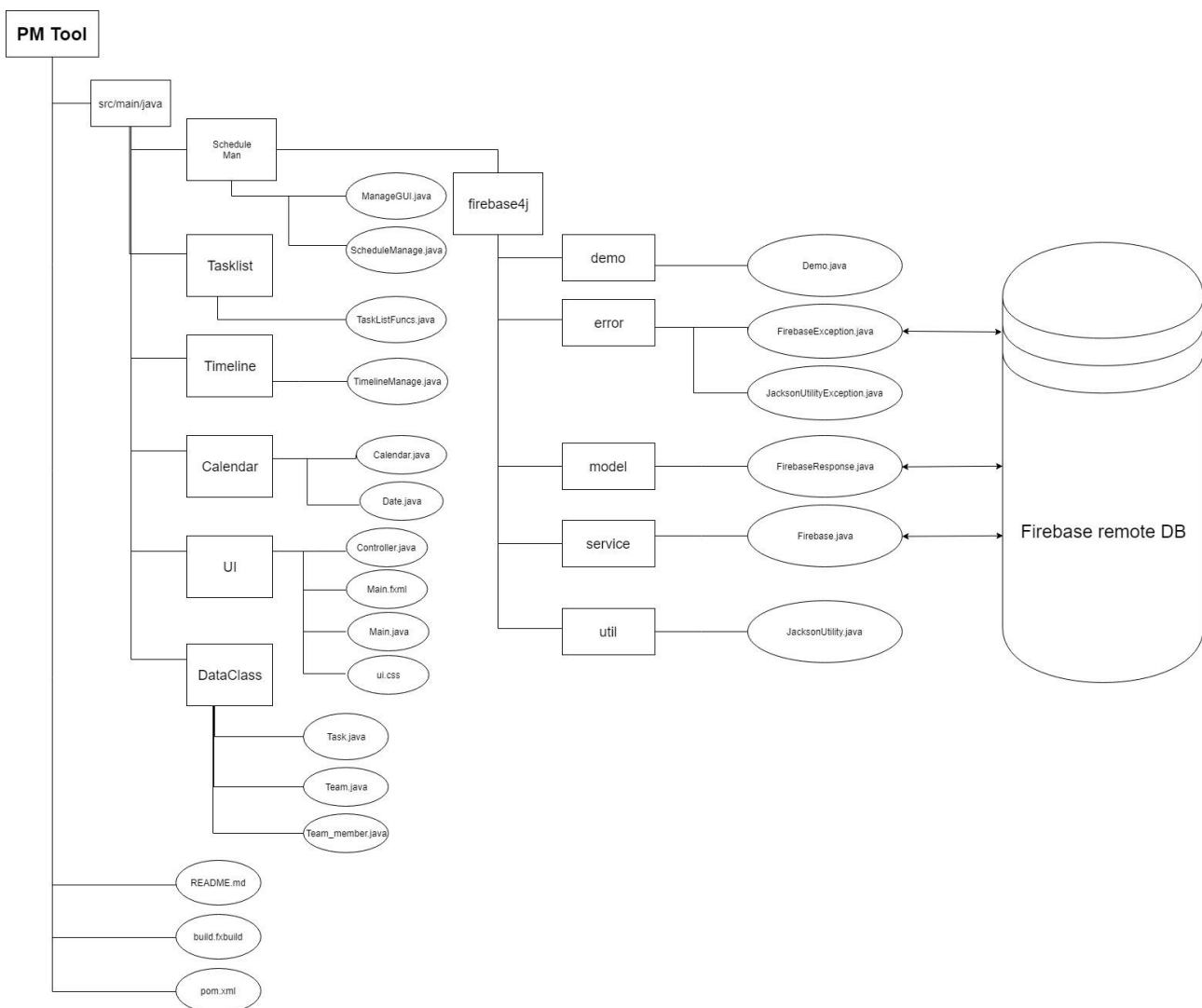
Developer Guide

1. How to get the source code

* You can see codes of this program at our github page. This page is opened for everyone. [<https://github.com/pm-tool-se2019/Source>]

2. How to get the source code

3. The layout of directory structure.



4. How to build the code

We use Maven, which is managing the whole aspects of our project. This tool has many functions, including compiling function. So what you have to do is just setting up Maven module at your favorite IDE. Linking and

dependency issue is the job of Maven, not yours. So just set up the Maven and click the compile button and wait, that is our simple building process.

5. How to test the software.

Almost same as build. Maven also gives the test function, which compiles and makes the executable file for testing. Of course each module can be tested one by one, not only the whole project. Thanks to Maven, your job is almost nothing. Again, set up the Maven and click the test button, and wait.

6. How to set up an automated daily build and test

An automated frequent build test is very important. Fortunately, in github, we can use "Travis" for build testing when some user or developer requested pull request and merge and commit. Also, in IntelliJ IDE, there is an option of 'automatically build'. We'll use this function to test the module and the whole program. This makes the program built at the initiation of IDE, and every minutes I write down some codes. Of course, testing is up to developer. When I need, I run the automatically built program, and it happens several times a day because we use agile method.

6. How to release new version of software

Using github release page.

<https://github.com/pm-tool-se2019/Source/releases>

7. How to Access the list of existing bugs, and how to resolve a bug

<https://github.com/pm-tool-se2019/Source/issues>

This page is now using for developing issues. But after first release, this page will turn into the forum of bugs.

Assume that Someone finds a bug that not has reported yet. He/she posts the issue about the bug with “Existing bug” label. Then, developer does catch the issue and debug with reported information. If the developer resolves the bug, he/she commits the edited files, then back to this issues page and tagging for “Solved bug”. This is our reporting bugs & debugging process. Of course, issues keep being stacked. This makes the issue page as the bugs list page.