Project Management Tool

: Developer Guide

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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>

1. The layout of directory structure

(팀원들에게 받아서 쓸 것)

1. 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.

1. 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 could 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.

1. How to set up an automated daily build and test ?

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 minuites 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.

1. How to release a new version of the software?

Using github release page.

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

1. 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 delevoping 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.