Individual Milestone 6 Report

Executive Summary

In this milestone, I extend "Management", which means it can add new object (file). And then test it with the stuff - use_usage together. These two plugins use the same API in the applicationhelper, and they are different kinds of plugins: One is pluged into the existing files, and the other is created as a new object. Meanwhile, I try to transfer my skill into rails-plugin, because on matter how good and power my technology is, rails-plugin has been mature and tested very well.

Well, during this milestone, I met a big trouble about my laptop, whose motherboard burned twice and take my whole data away. This disaster take me some days to rebuild systems, redo my assignments.

Tasks and Activities Assigned

- Extend Management

- Description: Check the files I'll use, create and/or overwrite. Copy new plugin files into their relative folders.

- Estimated time taken (planned):15 hours

- Estimated time taken (actual): 15 hours

- Test 2 plugins: use_usage and graphic

  - Sub-task 1: Test use_usage
    * Description: Use_usage is a kind of plugin, which can extend existing file. In this milestone, some part of it has been redone.
    * Estimated time taken (planned):1 hour
    * Estimated time taken (actual): 2 hours
  - Sub-task 2: Test graphic
    * Description: Graphic is treated as a new object.
    * Estimated time taken (planned):1 hour
    * Estimated time taken (actual): 1 hours
  - Sub-task 3: Test use_usage and graphic
    * Description: These two plugins share one API in the applicationhelper.
    * Estimated time taken (planned):5 hour
    * Estimated time taken (actual): 40 hours
  - Reason for sub-task 3 using much more hours than I expected:
    * 1: Ruby on Rails has a bug when using "include" statement. The "include" is just read once by rails when the rsp starts, and later, it will not be treated as part of rsp.
    * 2: Therefore, my plugin structure is not as good as for ruby on rails. I need to rewrite API, some part of coding in applicationhelper.

- Chat with the other 2 members about rails plugin.

  - discuss the skill and help them.
  - Estimated time taken (planed): 5 hour
  - Estimated time taken (actual): 5 hour

- Add my technology into rails-plugin.

  - Description: Rails-plugin cannot extending the existing file, which means it will change rsp code very time when adding plugin.
  - Estimated time taken (planed): 10 hours
  - Estimated time taken (actual): 10 hours
  - Summary: In this milestone, I've got not enough time to finish this.

- Build system and redo some work

  - Description: I never thought my laptop's motherboard burned two times in one week.
  - Estimated time taken (planned):10 hours
  - Estimated time taken (actual): 10 hours

Rooms for Improvement

- Talk more: I feel very guilty without discuss with team members. I just try to finish my par mission and the assignment for ABI.

- Backup: How important the backup is. I took more than a week to redo ABI. It's a lesson.