Individual Milestone Report

Executive Summary

I have basically did a preliminary research on the current plugin system found in Earth. Then, by requests, I conducted a tutorial for the group to pass down the findings proposals I have during my research to the group. Besides having a tutorial, I have also prepared some notes and documents about the plugin system. These notes and documents include my written notes and diagrams to make understanding the plugin system easier for beginners. Also, I did some experiments directly on the codes show how the plugin system should work for the Controllers and Views, while advising the Daemon should follow the same design. Finally, I was off to Apple's World Wide Developers Conference (WWDC) in San Francisco.

Tasks and Activities Assigned

- Study Views & Controllers in the context of plugin_manager.
  - Description: Research on how possible to add plugins for Views & Controllers.
  - Idea/Solution: N/A.
  - Affected files: N/A
  - Estimated time taken: 8 hours

- Propose possible hooking system for Views & Controllers.
  - Description: Perform preliminary plugin hook systems and propose it to the group to initiate the design of the plugin system design.
  - Idea/Solution: Use Ruby code extensions for several files, as stated in the Plugin_System_Notes.pdf file.
  - Affected files: N/A
  - Estimated time taken: 4 hours

- Prepare and conduct plugin system tutorial for the group.
  - Description: Ditto
  - Idea/Solution: N/A.
  - Affected files:
    * Subgroups / Group_3 / Documents / Designs / plugin_system / Plugin_System_Notes.pdf
    * Subgroups / Group_3 / Documents / Designs / plugin_system / Plugin_System_Notes.tex
    * Subgroups / Group_3 / Documents / Designs / plugin_system / flow.png
  - Estimated time taken: 3 hours