Individual Milestone 6 Report

Executive Summary

I suggested to improve the way the daemon plugins are to be managed, as I find it is not very organized to have a several scripts to manage the plugins. I have created a main script that consolidates all the plugin management scripts (installation, uninstallation and signing). Besides that, I also have added a script to list all the currently installed plugins, as there is no way to know whether what plugins has been installed prior to the script was written. Besides that I provided my assistance to another subgroup to investigate how integration can be done.

Tasks and Activities Assigned

- Overseeing the progress of the developments of the plugins mechanism development.

    - Plugins deployment retrofitting

        * Description: This task is geared towards retrofitting plugins install scripts from RSP to support the latest additions to the plugins framework.
        * Affected files: `script/list_plugins`, `script/earth_plugins`, `lib/earth_plugins_interface/plugin_manager.rb`
        * Git commits: `(pamalite/earth)` `96828da9db7b7c5f19ac67f0b336727052d18b9e`
        * Estimated time taken (planned): 5 hours
        * Estimated time taken (actual): 4 hours

- Helping out on pre-integration investigation and analysis.

    - Description: This is not outlined in the M6 plan. I was engaged to help out on figuring out how to use `git` to merge all the subgroup repositories as a preliminary step before the actual integration begins.
    - Idea/Solution: N/A
    - Affected files: N/A
    - Git commits: *Not relevant as the commits done were experimental.*
    - Estimated time taken (actual): 3 hours

Resource Contributions

For this milestone, I have estimated that I had spend about 12 hours (including 5 hours meeting time) over the spread of 3 weeks. I have budgeted 45 hours (15 hours per week) for this semester. The other 15 hours were spend on my research project.

Looking at the hours I felt that I have had a productive sprint, though I am only using a fraction of my budgeted hours. The rest of the hours were used for other academics commitments. However, I managed to further integrate the group to get the daemon and GUI plugins retrofitted and implemented, respectively. Besides that, though being the main contact of the group, I still get to do some coding to help the group further, and lend my assistance to the other subgroup on the integration preliminaries.

Rooms for Improvement

- Better time estimation needed for paper work and small coding parts. Previously, the budgeted time was huge as there were a lot of things needed to be done. However, it became a habit to give huge budget, and for this sprint, where the main aim is to prepare for the finishing of the project, only required minimal budget. I should give more time for paper work for this sprint.