Sprint 1 Plan

Product Name: *Digital Task Management*

Team Name: Binary Bits

    Team Members**:**   Steven Chou (Product Owner),
                                       Neeraj Mallampet,
                                        Edward Nguyen,
                                        Jason Shao,
                                        Simon Ho,
                                        Phillip Kwong,
                                        Bing Sun

Sprint Completion Date: 10/31/14

Revision Number: 1   **Revision Date:**   10/21/14

Top Level Goal:

      Our first priorities as Team Binary Bits is to have every member setup a Maven, GitHub, Eclipse project environment and establish a basic connection to Google app engine. Secondly, we will attempt to create a basic user interface (UI) to give users the options to create projects and tasks, and have the tasks be assigned to project members within the corresponding project.

Task Listings:
(priority is ordered from most to least important)

1. **User Story 1:** As a mobile developer, I want to setup a project environment with a GitHub repository in order to allow every member of Binary Bits to freely contribute a fair amount of their work to the project's developments without any impediments.

    a. <u>Task 1</u>:
    Create a GitHub repository and along with an Eclipse project environment with the following plugins for android development tools (ADT) and GitHub.

                                            (time estimation: 2 hours)

    b. <u>Task 2</u>:
    Setup Google app engine and have it connect to the Eclipse project.
                                            (time estimation: 2 hours)

    c. <u>Task 3</u>:
    Setup a Maven repository on the Eclipse project.
                                            (time estimation: 2 hours)

Total Time Estimation for User Story 1:   6 hours

2. **User Story 2:** As a mobile developer, I want the application to have the option to allow users to create projects and have the option to allow users to create tasks.

   a. Task 1:
      Create functions to allow users to create a project.
                                                    (time estimation: 2 hours)

   b. Task 2:
      Create functions to allow users to create tasks with the following fields: task status (open, in progress, completed), desired date of completion, priority status, assignee, and a remove option.
                                                    (time estimation: 4 hours)

                  Total Time Estimation for User Story 2: 6 hours

3. **User Story 3:** As a mobile developer, I want a simple user interface (UI) built for a simple and easy interaction between the application and its users.

   a. Task 1:
      Create a main menu, and setup an option for users to create an account for users to login to sync to a listed project and accept a task to complete.
                                                    (time estimation: 2 hours)

   b. Task 2:
      Create functions to allow users to have the option of changing the status of their assigned task to whether it is "in progress" or "completed."
                                                    (time estimation: 2 hours)

                  Total Time Estimation for User Story 3:   4 hours

4. **User Story 4:** As an advertiser, I want an attractive logo to represent the cutting-edge technology that the project displays.

   a. Task 1:
      Create a logo that will symbolize the cutting-edge technology of the project.
                                                    (time estimation: 1 hour)

                  Total Time Estimation for User Story 4:   1 hour

5. **User Story 5:** As a mobile developer, I want a web that responds with the same functionality as the mobile version of the application.

a. <u>Task 1:</u>

Create the same features described in User Story 2 and User Story 3.

(time estimation: 8 hours)

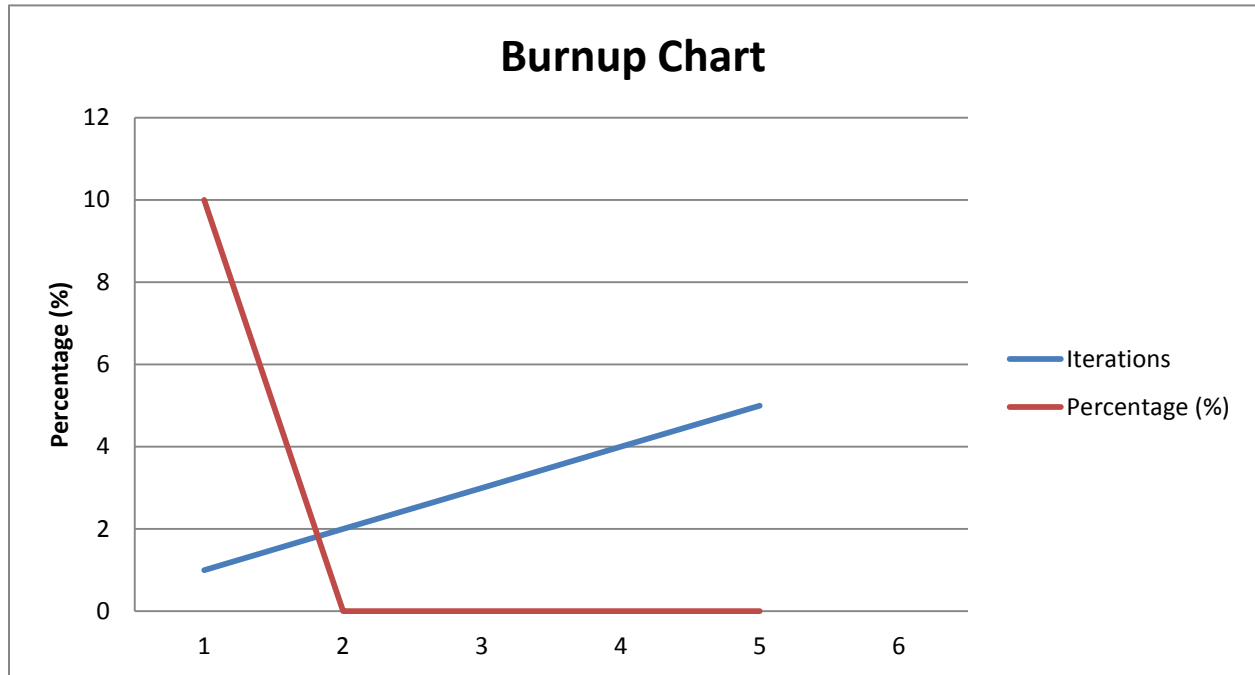Total Time Estimation for User Story 5:   8 hours

Team Roles:

Steven Chou:	Mobile Developer, Web Developer, UI Developer, Database Manager, Advertiser
Neeraj Mallampet:	Mobile Developer, Database Manager
Edward Nguyen:	Mobile Developer, UI Developer
Jason Shao:	Mobile Developer, Database Manager
Simon Ho:	Mobile Developer, UI Developer
Phillip Kwong:	Web Developer, UI Developer, Database Manager
Bing Sun:	Web Developer, UI Developer

Initial Task Assignment:

Steven Chou:	User Story 1, User Story 2, User Story 3, User Story 4 User Story 5
Neeraj Mallampet:	User Story 1, User Story 2, User Story 3
Edward Nguyen:	User Story 1, User Story 2, User Story 3
Jason Shao:	User Story 1, User Story 2, User Story 3
Simon Ho:	User Story 1, User Story 2, User Story 3
Phillip Kwong:	User Story 1, User Story 5
Bing Sun:	User Story 1, User Story 5

Initial Burnup Chart:

Burnup Chart

SCRUM Times:

Tuesday:	3:00 pm - 3:15 pm	
Wednesday:	3:00 pm - 3:15 pm	
Thursday:	3:00 pm - 3:15 pm	(with TA)