

## **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. Task 1:

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. Task 2:

Setup Google app engine and have it connect to the Eclipse project.

(time estimation:      2 hours)

- c. Task 3:

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 web developer, I want a web that responds with the same functionality as the mobile version of the application.

a. Task 1:

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

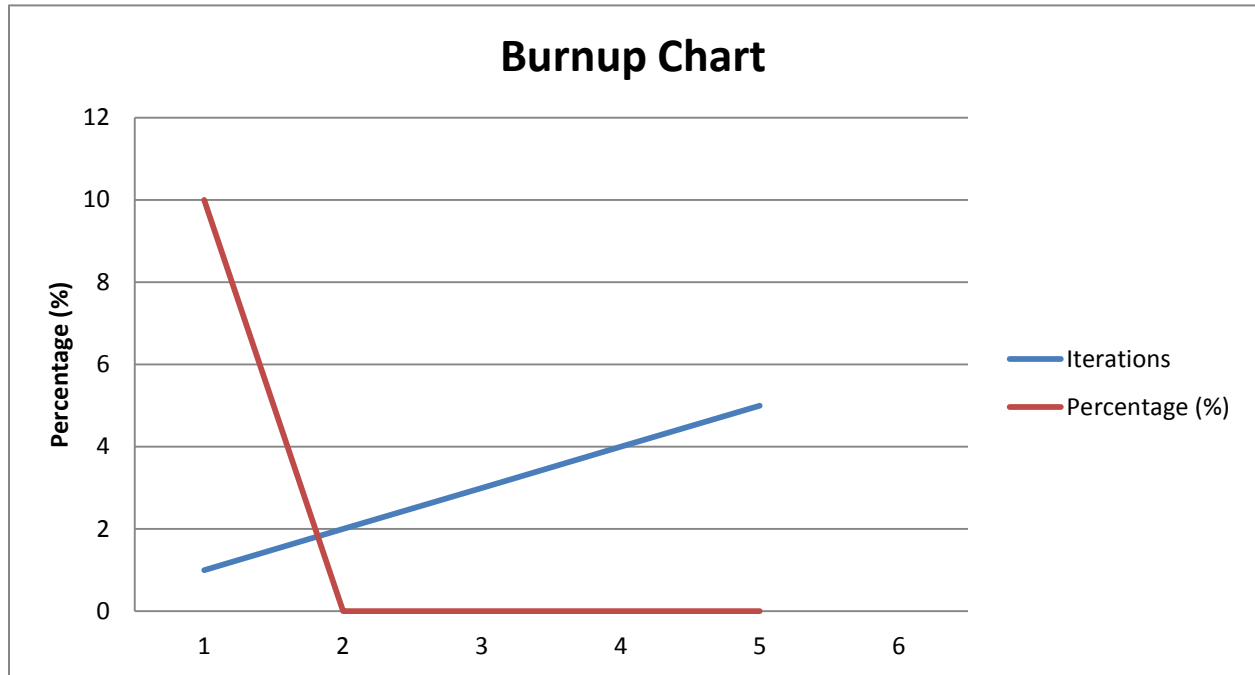
**Team Roles:**

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:



### Initial SCRUM Board:

User Story	To-Do	In-Progress	Done
Sprint 1: 1-5	User Stories: 1-5	User Story 1	N/A

### 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)