

**Heading:** Sprint 2 Plan, TP, TimeLords, 12 July 2016, #1, 14 July 2016

High Level Goal:

As a user I want to be able to add tasks and projects and edit their attributes as well as navigate between pages using the menu.

Sprint 2 u.s.

1. (2) As a user I want to be able to **organize my tasks into projects** so that I can separate tasks and view them more easily.
  - i. **Task 1 create main homepage for app listing projects and associated tasks (2)**
  - ii. **Task 2 be able to create projects on the user side (1)**
  - iii. **Task 3 create project instance from project GUI (3)**
  - iv. **Task 4 add project attribute to task (.5)**
  - v. **Task 5 in task edit page have option for choosing which project to add a task to (3)**
  - vi. **Task 6 have method to pull from server the tasks and display them under correct project (3)**
  - vii. **Acceptance Criteria:**
    1. **User can add project attribute on task page**
    2. **User can see list of tasks inside the associated project page**
2. (8) As a user I want to **add Task attributes, and easily edit them** to distinguish them.
  - i. **Task 1 create a debug-like method to read Task's attribute values (1)**
  - ii. **Task 2 create an active prototype to *edit* Task obj's attributes - make a new page(2.5)**
  - iii. **Task 3 on user side be able to edit text box (2)**
  - iv. **Link Task GUI page to actually create a task and add to project (3)**
  - v. **Acceptance Criteria:**
    1. **User can add/edit attributes from task page**
    2. **User can view attributes when they click on a task from the project page**
3. (2) As a user I want to be able to **mark tasks as done** so that I know what tasks I have completed
  - i. **Task 1 create popup page in app for viewing/editing task attributes (3)**
  - ii. **Task 2 allow task attributes to be changed via the UI (2)**
  - iii. **Task 3 mark as completed in task object (2)**
  - iv. **Task 4 change image view from unchecked check box to checked check box (1)**
  - v. **Acceptance Criteria:**
    1. **User can check "completed field on task page**
    2. **User can see a check on the task from the project page if the task is completed**

4. (2) As a user I want to be **able to add notes to each task** so I can have a place to put other relevant information not provided by the pre-existing list of attributes
  - i. **Task 1 make the notes attribute editable via the UI (1)**
  - ii. **Acceptance Criteria:**
    1. **User can add/edit/view notes attribute on task page**
5. (3) As a user I want an user interface that allows me to **swipe from the menu page to other pages flawlessly**, so I can navigate through the application
  - i. **Task 1 implement swiping function (4)**
  - ii. **Task 2 implement on each page in project (2)**
  - iii. **Acceptance Criteria:**
    1. **The user will be presented with a “navigation page” version of the homepage upon a swipe left from any page in the app**
6. (13) As a user I want the **app to REMEMBER my tasks when I exit the app** because otherwise it would be completely useless to even use this app.
  - i. **Task 2 implement file to save user data (10)**
  - ii. **Task 3 write code to reload user data when reopening app (10)**
  - iii. **Acceptance Criteria:**
    1. **When the user returns to the app after closing it, all their added tasks and projects still appear**
7. (5) As a user I want a “dump” page to hold all of my tasks that are not organized into a project so that I can create tasks not assigned to a specific project (the default project will be the dump)
  - i. **Task 1 create special dump instance (2)**
  - ii. **Task 2 make dump viewable via menu (3)**
  - iii. **Task 3 make dump.java (2)**
  - iv. **Task 4 make dump accessible when clicked on (1)**
  - v. **Task 5 make dump the default project (change each task.project=dump) (1.5)**
  - vi. **Acceptance Criteria:**
    1. **When the user fails to add a project attribute to a task, the task appears in the DUMP page**
    2. **When the user enters the dump page via the homepage, all tasks with no user-entered-project-attribute appear in a list**
8. (5) As a user I want to be able to add tasks from all pages so that I have to do less navigating
  - i. **Task 1 implement floating action button on each of existing pages (2)**
  - ii. **Task 2 have non green plus sign on the button (1)**
  - iii. **Task 3 create new task server side (.5)**
  - iv. **Task 4 make floating action button not pink (.5)**
  - v. **Task 5 Combine with project button (3)**
  - vi. **Acceptance Criteria:**
    1. **User can create a task at any location.**
    2. **User can save time.**

9. (1) As a user I want to be able to attribute an estimated length to my tasks so I (and later the app itself) can identify quick tasks easily

- i. **Task 1 add attribute to task object (.5)**
- ii. **Task 2 add region in task GUI (2)**
- iii. **Task 3 join it with database (2)**
- iv. **Acceptance Criteria:**
  - 1. User can see how long tasks take.**
  - 2. User can identify which tasks fit their schedule.**

10. (1) As a user I want to be able to set priority levels for each of my tasks so I know what the most important tasks are.

- i. **Task 1 add attribute to task object (.5)**
- ii. **Task 2 add region in task GUI (2)**
- iii. **Task 3 join it with database (2)**
- iv. **Acceptance Criteria:**
  - 1. User can edit tasks to include priority now**
  - 2. Priority level is color coded for user?**

11. (1) As a user I want to be able to “tag” my tasks so that later I can search and find all tasks with that tag.

- i. **Task 1 add tab enumerated var. (so we would have limited number of available tags) (1)**
- ii. **Add to task GUI (2)**
- iii. **Task 3 join it with database (2)**
- iv. **Acceptance Criteria:**
  - 1. User can organize tasks.**
  - 2. User can find tasks easily.**

12. (3) As a user I want a collapsible list of projects in my menu so that I can navigate the application easily

- i. **Task 1 add collapsible projects list to menu (2)**
- ii. **Task 2 make method to pull from server side list of existing projects to display correct projects (3)**
- iii. **Acceptance Criteria:**
  - 1. When user taps projects a collapsible list of projects is shown on the home page**
  - 2. When the user swipes left to get to the navigation page and clicks on projects, all projects are displayed**



**Definition of Done:**

- ☐ Source code committed to repo.
- ☐ Code review completed
- ☐ No bugs, no errors, no warnings
- ☐ Changes are logged or/and documented
- ☐ Scrum-board and burn-up chart is updated
- ☐ Green Light from Product Owner

**Team roles:**

Product Owner: Julia Moffitt

Scrum Master: Brian Houts

Team Members: Sergiy Ravnyago, Michaela Molina, Jeff Wagenseller

**Initial task assignment:**

Julia Moffitt: User story 1, 3, 5, 8, 12

Sergiy Ravnyago: User story: 9, 10, 11

Brian Houts: User story: 1, 2, 3, 8

Michaela Molina: User story: 7

Jeff Wagenseller: User story: 6

**Scrum times:** Sun (5:30pm), Mon (first class break), Wed (first class break), Fri (12:30pm)