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

Goal: Create functional android application that can add tasks that have the name, project, due date, notes, and boolean completed attributes and are displayed under its associated project on the apps home page.

User stories for release:
<u>Sprint 1</u>
1. (3) As a user I want an **android app user interface to open and use my app.**
   - **Task 1 Set up developer's environment (1)**
   - **Task 2 Download a proper android emulator (1)**
   - **Task 3 Use and tweak a template to produce a starting UI based on our sprint 1 sketches (menu) (1)**
2. (5) As a user I want to be able to **quickly make new tasks** so that I can engage in "brain dump" quickly when I think of a task.
   - **Task 1 create Task object and fields (0.5)**
   - **Task 2 create Task addition ("new-task") GUI button (1.5)**
3. (5) As a user I want to be able **to create a new project** so that I can organize my tasks into groups.
   - **Task 1 create Project object (0.5)**
   - **Task 2 decide and implement Project's underlying data structure (1.5)**
4. (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.
   - **Task 1 create main homepage for app listing projects and associated tasks (2)**
5. (8) As a user I want to **add Task attributes, and easily edit them** to distinguish them.
   - **Task 1 add new attributes to the Task object(0.5)**
   - **Task 2 create a debug-like method to read Task's attribute values (1)**
   - **Task 3 create an active prototype to *edit* Task obj's attributes - make a new page(2.5)**
6. (2) As a user I want to be able to **mark tasks as done** so that I know what tasks I have completed
   - **Task 1 create popup page in app for viewing/editing task attributes (3)**
   - **Task 2 allow task attributes to be changed via the UI (2)**
   - **Task 3 create UI element that shows task as complete (mark box or cross out) (1)**
7. (1) As a user I want to be able **to schedule a due date for my task** so I know when to get it done.
   - **Task 1 add due date field to task class (0.5)**
   - **Task 2 add attribute to task page (0.5)**
8. (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
   - **Task 1 make the notes attribute editable via the UI (1)**
9. (2) As a team member I want to have a **super class that holds all instances of projects** so that later it will be easier to create a collapsible project list in our menu.

Task 1 create super class of projects (3)
10. (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
Task 1 implement swiping function (4)
11. (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.
Task 1 research to decide efficient memory saving implementation (4)
Task 2 implement file to save user data (10)
Task 3 write code to reload user data when reopening app 10)

Team roles:
Product Owner: Julia Moffitt
Scrum Master: Sergiy Ravnyago
Team Members: Brian Houts, Michaela Molina, Jeff Wagenseller

Initial task assignment:
Julia Moffitt: User story 1, 6, 10, 11
Sergiy Ravnyago: User story 1, 2, 3, 4, 11
Brian Houts: 1, 7, 9, 11
Michaela Molina: 1, 5, 11
Jeff Wagenseller: 1, 6, 8, 11

Scrum times: MWF 11:45-12:00 (Sci Lib main entrance)