

Task Planner

7/5/2016

TimeLords

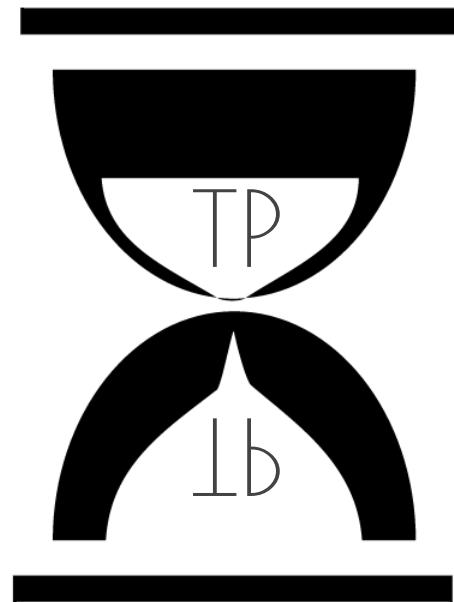
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Project Release Plan

Task Planner (TP)

TP is an android application in which the user can add tasks to designated projects including certain attributes about this task. The first release includes a search bar, and certain list pages which prioritize and display tasks in useful ways (quick tasks, urgent, completed tasks).

Project Release Plan: User Stories

Task Planner--Sprint 1-- part 1

- **High Level Goal:** The release will be able to add tasks to a project with certain attributes, namely: task name, associated project, start date, due date, finished date, whether completed, notes, estimated task length and a tag to group tasks from different projects together.
 - As a user I want to be able **to schedule a due date for my task** so I know when to get it done.
 - 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
 - As a user I want the **app to REMEMBER my tasks when I exit the app**
 - 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.
 - As a user I want to **add Task attributes, and easily edit them** to distinguish them.
 - As a user I want to be able to **mark tasks as done** so that I know what tasks I have completed

Project Release Plan: User Stories

Task Planner--Sprint 1-- part 2

- **High Level Goal:** When adding a task a user can add it to a specific project
 - As a user I want to be able **to create a new project** so that I can organize my tasks into groups.
 - 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.
- **High Level Goal:** The sleek and minimalistic design will incorporate the homepage which will always be available open a leftward swipe.
 - As a user I want an **android app user interface to open and use my app**
 - 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
- **High Level Goal:** The homepage will have a drop-down file tree displaying the projects
 - 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.

Project Release Plan: User Stories

Task Planner--Sprint 2-- part 1

- **High Level Goal:** The task defaults into the “Dump”
 - 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)
- **High Level Goal:** homepage will have the search bar, a drop-down file tree displaying the projects
 - As a user I want a **collapsible list of projects in my menu** so that I can navigate the application easily
- **High Level Goal:** link to a list of “Quick Tasks,” a link to Urgent tasks
 - As a team member I **want “QuickTasks”, and “Urgent” placeholders** to be on the home-page
 - 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
- **High Level Goal:** universal button present on all the app pages such that a user can add tasks/projects from all locations
 - As a user I want to be able to **add tasks/projects from all pages** so that I have to do less navigating
- **High Level Goal:** Completing a task, by checking a box, will result in an awesome, satisfying animation!
 - As a user I want to be **able to have a *satisfying* animation when I “complete” a task** so that I can feel good about myself and my accomplishments.

Project Release Plan: User Stories

Task Planner--Sprint 2-- part 2

- **High Level Goal:** This homepage will have the search bar
 - As a user I want to be able to “tag” my tasks so I can search and **find all tasks with that tag.**
- **High Level Goal:** Add tasks to a project with certain attributes
 - 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
 - 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.
- **High Level Goal:** Tasks and projects can be deleted and completed
 - As a user I want to be able **to delete tasks** to declutter lists.
 - As a user I want to be able to **delete projects** in case I fux up

Project Release Plan: User Stories

Task Planner--Sprint 3

- **High Level Goal:** Sleek and minimalistic design
 - As a user I want a **sleek and intuitive graphic interface** so that I can use the app efficiently.
- **High Level Goal:** It will have a search function to find tasks quickly
 - As a user I want a **search bar** in my menu to easily search through and find tasks/projects.
 - As a user i want to be able to **search for projects** (via drop down and typing and based on name and tags) and create a new project from the new task page so that I can organize my tasks into projects.
- **High Level Goal:** User may filter and sort his/her tasks list
 - As a user I want to be able **to filter all tasks regardless of project by other attributes** (*start date, due date, urgency, tags, etc*) and view all the tasks of that attribute so that I am aware of my urgent tasks quickly.
- **High Level Goal:** User may search and explore completed tasks and projects
 - As a User I want **access to a list of recently completed tasks** so I can reflect on my productivity .
 - As a User I want to **access a list of completed projects** so I can look at what I've been doing with my life and either cry with joy or sadness
 - As a user I want my **completed tasks to be removed from the list after a user defined period of time** so my lists remain uncluttered

Project Release Plan: User Stories

Task Planner--Product Backlog

- As a user I want to be able to **Merge projects** together.
- As a user I want the app to **notify me when a start date attribute for a task has happened**.
- As a user I want to **make tasks that repeat every scheduled number of days** so that I don't have to keep entering recurring tasks
- As a user I want to be able to **place tasks onto a “defer” list** so that I can keep track of tasks where I am waiting for someone else to complete something before I can take the next step to “complete” the task
- As a user I want to be able to **sync my task list with google calendar** (such that my *task list app populates google calendar*) so that I don't have to waste time entering all of these tasks into my multiple scheduling tools.
- As a user I want to be able to **sync my gmail with my task app** (such that emails show up in my “dump”) so I can schedule emails as tasks.
- As a user I want to be able to **schedule tasks via a “this date + this amount of time (e.g. 4 days)** so that I can more generally schedule a task to be done within a time frame rather than a specific date/time
- As a user I want to be able to **specify tasks as parallel or sequential** so I know if there are any dependencies in my task list.

TimeLords - Task Planner

Project Release Plan - Architecture

Home Page / Menu

Search TP



Dump

Quick Tasks

Urgent Tasks

Projects



Proj 0

...

Proj n

Completed Projects



Swipe L
for menu
from any page

Project Page

Long
Press
to edit

Project 0

To Do



☐ Task 0

⋮

☐ Task n

Completed



Project Settings Page

X | Project 0 | ←

Auto-Delete Completed Tasks

☐ 10 Days

☐ 30 Days

☐ Never

DELETE PROJECT



Task Edit Page

click to
edit name

X | Task 0 | ↩

Start Date

End Date

Project

Estimated Length

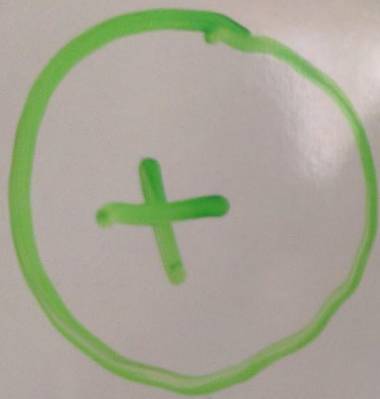
Notes

Tags

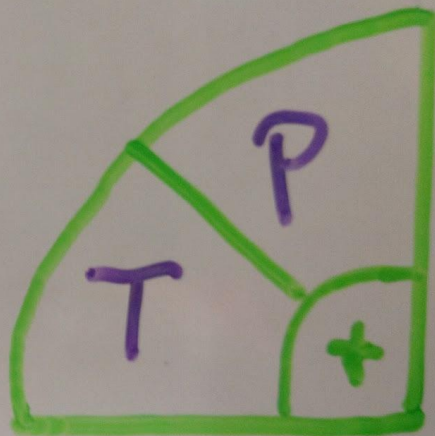
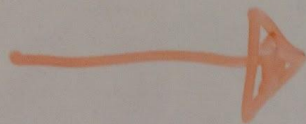
Priority

DELETE TASK





on
click



Project Release Plan: Challenges/Risks

- We are all new to Android Studio and app development. For most of us this is our first time making a mobile application.
- Our goal is to make a sleek and intuitive graphic user interface.
- We want to provide search functionality to find specific tasks/projects.
- We want to provide Filtering and Sorting for all tasks regardless of the project it is associated with, for an example: All quick tasks or tasks that take 10mins or less to accomplish.
- We want our app to store data efficiently, and quickly retrieve it.
- We want a user to retrieve a list of recently completed tasks in only few clicks.

Project Release Plan: Technologies

Task Planner

- **JAVA** programming language
- **Android Studio** IDE
- **AVD** Android Emulator
- Android **SQLite** Database

Project Release Plan

Task Planner

Any Questions?

