Tasker

Charter/Scope/WBS

Tasker

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Table of Contents

[Charter 2](#_Toc534224906)

[Description 2](#_Toc534224907)

[Objectives 2](#_Toc534224908)

[Budget 2](#_Toc534224909)

[Major Deliverable Schedule 2](#_Toc534224910)

[Critical Success Factors 2](#_Toc534224911)

[Risks and Concerns 2](#_Toc534224912)

[Comments 2](#_Toc534224913)

[Scope 3](#_Toc534224914)

[Project Justification 3](#_Toc534224915)

[Characteristics and Requirements 3](#_Toc534224916)

[Master 3](#_Toc534224917)

[User 3](#_Toc534224918)

[Tasks 3](#_Toc534224919)

[Accounts 4](#_Toc534224920)

[Long Term Objective 4](#_Toc534224921)

[Summary of Project Deliverables 4](#_Toc534224922)

[Project Related Deliverables 4](#_Toc534224923)

[Project Success Criteria 4](#_Toc534224924)

[WBS 5](#_Toc534224925)

[Other 6](#_Toc534224926)

[Designs 6](#_Toc534224927)

# Charter

|  |  |  |  |
| --- | --- | --- | --- |
| **Project Name:** | Tasker Android | **Project Start Date:** | 01/01/2019 |
| **Application Name:** | Tasker | **Project End Date:** | End of Feb |

## Description

Tasker is a “to-do list” based application to be commissioned for Android, with plans to expand to iOS and Windows devices in the future. Tasker will serve as a communication platform between two parties; the master and the user. The master can send a task to a user with details as to what needs to be completed, when it needs to be completed and can be given a priority. The user will receive the task and is able to set a reminder and mark it as complete. There will be only two account types available and users will not be able to switch between these accounts; however, should this change in the future, the system must be designed to allow for a change in accounts. Opening a master account will incur a fee, the extent to which is undecided at this stage.

## Objectives

* Create secure login and account capabilities
* Allow master accounts to add tasks to its users
* Allow users to read tasks and mark as complete

## Budget

None

## Major Deliverable Schedule

* January
  + Account scheme
    - Create and login
  + Login UI
  + Create account UI
  + Master and slave UI
  + Task creation
    - Add, edit and remove
  + Task viewing
  + Local and online database syncing of tasks
* February
  + Local and online database syncing of tasks

## Critical Success Factors

* Logins
* Task creation by master and user can view
* Syncing database

## Risks and Concerns

* Too much work for a small timeframe
* Difficulty in establishing demand for a paid version
* Inability to stand out amongst already flooded market

## Comments

None

# Scope

## Project Justification

None

## Characteristics and Requirements

### Master

* Have employee groups
  + Add, remove and edit users in these groups
* Add, remove and edit employees
* Set tasks for multiple and single users
  + For multiple users
    - Master chooses whether each member can see all other members who have this task
  + User gets a notification of added task
  + Task name
  + Task description
  + Date commissioned
  + Date due
  + Priority
* See when tasks have been completed
* Remove tasks from users
  + Users get a notification of removed tasks
* Must oversee removal of completed tasks
* Can set tasks offline but must sync with server
* Can create ‘Task projects’
  + Projects may consist of multiple tasks each with their own completion dates
  + Allows for large projects to be broken down into smaller tasks in order to avoid overwhelming workflows

### User

* Can request to join group
  + With group code
* Can see all groups they are members of
* Can see everyone with same task (if master allows)
* Can set reminder or alarm
* Can mark tasks completed
  + Master will receive notification upon completion
* Can see tasks preloaded offline
* Can remove tasks on request of master
* Can set follow up dates on assigned tasks to assist with longer term tasks
* Can edit details in order assist with management of user accounts

### Tasks

* Have a priority
* Have a set date and completion date
* Can send push reminders
  + Notifications
  + Alarms
* Have a progress update
  + Set by user
  + Master can request status update
  + Not-started, in-progress, almost complete, complete
* Can be completed

### Accounts

* Edit accounts
  + Email
  + Name (upon request)
  + Password

### Long Term Objective

* Tasker system to act as a core application which can be re-modelled to meet requirements of multiple industries
* Potential markets include
  + Small to medium business operation and communication
  + Education
  + Rental market

## Summary of Project Deliverables

### Project Related Deliverables

* Accounts
* Logins
* UI’s
* Add, edit remove tasks
* User groups
* Database syncing
* Complete tasks

## Project Success Criteria

80% of functional requirements must be met by the end of January.

# WBS

TO BE COMPLETED

# Page Specifications

## Login Page

Here

## Master Page

Here

## User Page

Here

## Add Task Page

Here

## Edit Task Page

Here

# Designs

## Accounts

|  |  |
| --- | --- |
|  |  |
| Login Page | Create Account Page |

Login page  
Create account page

## Master

UI  
Add task UI  
Edit task UI

## User

View groups UI  
View tasks UI  
Completed task