Charter/Scope/WBS

Tasker

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# Charter

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| **Project Name:** | Tasker System | **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 admin and the user. The admin 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. A users access to certain features of the system will be dependent upon the permissions set by the admin account.

## 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
  + Admin and user 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 admin 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

# Scope

## Project Justification

Tasker system will act as a base system which can then be re-modelled to meet the requirements of multiple industries. Upon completion of the Tasker system, the source code can then be sold with the intention that it can be used as a base for development of internal systems for organisations.

### Long Term Objective

* Potential markets Tasker system can be used in may include
  + Small to medium business operation and communication
  + Education
  + Rental market

## Characteristics and Requirements

### Admin

* Have Task 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
  + Admin 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 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

## 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

# Other

# Designs

Accounts  
Login page  
Create account page

Master  
UI  
Add task UI  
Edit task UI

User  
View groups UI  
View tasks UI  
Completed task