*Brigham Young University*

*IDAHO | CS 364 Software Engineering 1*

*Software Requirements Specification*

Task Planner

Software Requirements Specification

for

Task Planner

Version - 0

BYU-Idaho CS364 03 - Software Engineering 1

Instructor: Brother Lyon

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Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
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| Version 0 | 1/23 | Initial fill out | 0.0 |
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|  |  |  | 3.0 |
|  |  |  | 4.0 |

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# Introduction

## Project Purpose

The creation of a tool focused on project management for students using the canvas platform.

## Project Scope

## Document Conventions

## Intended Audience

Targeted towards Students who use the Canvas platform.

## Product Scope

## References

# Product Overview

## Product Perspective

### Software Interfaces:

### A multi-platform application with focus between mobile devices and desktop computers.

## Product Functions

## User Characteristics

## Operating Environment

## Android OS, iPhone OS, Windows mobile OS, Windows 10, Mac OS Sierra

## Design and Implementation Constraints

## User Documentation

## Assumptions and Dependencies

# External Interface Requirements

## User Interfaces

* Drag and drop check list – Robert Reeve/Lisha Dominguez/Samantha Singer/Makena Duncan/Nate Duncan/Loise (BYU-I)/Vladimir Petrov/
* Task tiles – Lisha Dominguez/Patricia Watts/Susan Hicken’s/Ksenya Lebedeza/Lisha Dominque/Samantha Singer/Makena Duncan/Nate Duncan/Fred Hicken/Christopher Kramer/Benjamin Days
* Color setter/editor for organization – Patricia Watts/Susan Hicken’s/Elizabeth Wilhoite/Laurie Reeve
* Internal Web Browser - Patricia Watts/Brandon Jenson/James Kirtchner
* Calendar View - Ryan (ISU)/Jordan (RU)
* Summary view of task - Patricia Watts/Susan Hicken’s/Lisha Dominque/Samantha Singer/Makena Duncan/Nate Duncan
* Notebook – Lisha Dominque/Patricia Watts/Ryan (ISU)/Maverick Roskelly
* All interfaces should be simple to use, and require minimal clicking to get to the interface - Patricia Watts/Susan Hicken’s/Brandon Jenson/Neil Martin/Ksenya Lebedeva

## Hardware Interfaces

## Cell phone touch screen, Tablet touch screen, Desktop monitor and mouse interfaces

## Software Interfaces

## Notifications to different emails/

## Communications Interfaces

Manually set reminders - Patricia Watts/Susan Hicken’s/Jarom Louteznheizer/Brandon Jenson/Neil Martin/Ryan (ISU)/Loise (BYU-I)/Lisha Dominque

Group planner and messaging - Patricia Watts/Lisha Dominque/Lisha Dominguez

Mute communications and notifications – Patricia Watts

# System Features

Convert scheduled task (assignments) into prioritized list – Robert Reeve/Lisha Dominguez/ Samantha Singer, Makena Duncan, Nate Duncan

Manually create/edit/delete task and sub task – Patricia Watts/Susan Hicken’s/Lisha Dominque/Ksenya Lebedeva/Lisha Dominque. Samantha Singer, Makena Duncan, Nate Duncan/ Samantha Singer, Makena Duncan, Nate Duncan

Color organizing - Patricia Watts/Susan Hicken’s

Organizing through tags, filtered searching, task grouping, and task history – Patricia Watts

# Other Nonfunctional Requirements

Canvas Integration – Patricia Watts/Susan Hicken’s/Neil Martin

Time Blocks – Susan Hickens/Fred Hicken/Christopher Kramer/Benjamin Days

Syncing with other devices – Jordan(RU)

# Verification and Validation

# Appendix A: Glossary, Acronyms and abbreviations

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| --- | --- |
| **Keywords** | **Definition** |
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Appendix B: List of Requirements

[This is like an index, but just for the requirements.]

Appendix C: List of Figures

[Figure 1- Functional Relationships 9](#_Toc22799761)

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