Software Requirements Specification

for

“Untitled Capstone” \*WIP\*

## Version 1.0 approved

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## April 17, 2022

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Purpose:

This is a Requirements Specification document for a new android-based application that is intended to make life easier for businesses that need a simple chime announcement for clocking out.

Intended Audience and Reading Suggestions:

This document was specifically created to aid developers and project managers.

Product Scope:

This software is designed to be used only by authorized developers and at a user-level, anyone. As of now, the goal of the project is to be able to provide a simple application for business who use android tablets. This application may be used for anything the user decides value, whether that is the intended use case or not.

Overall Description:

Without having to disable the daily chime reminder, unlike an alarm, this application is designed to go off at lunch time or when it is time to clock off with a simple chime, or voice announcement. Unlike the built-in alarm application, this will automatically turn off and revert to the background after the chime is played, requiring no user input (after initial setup).

Actors:

Administrator - Jordan Neal

Users

Operating Environment:

⦁ Visual Studio 2022

⦁ Xamarin Pages (C#)

⦁ Windows 10/11

Design and Implementation Constraints:

Project constraints may include but are not limited to: Actor’s own equipment malfunctioning/learning a new framework in the allotted time.

System Features:

* Set time for an alert to chime (repeating or not)
* Have functionality to include days off and holidays
* Ability to run in the background
* Test chime noise
* Change chime tone/sound and set duration of chime
* Ability to chime, then go back to background/stay in background
* Custome voice recording for personalized chimes