Ben Hawker		**Softstart**
V00797467		**Good Morning**
2016/01/06		**1.0**

Version	When	Who	What
1.0	2016/01/06	Ben Hawker	Initial Drafting

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1.0 Problem description / expression of need

Here at Softstart software incubator we make great ideas happen. **Good Morning** is an app that will help users wake up in the morning. It will also help them stay informed by informing them of goings on when they wake up.

2.0 Project Objectives

There are several key objectives that make up **Good Morning**,

- A core alarm application
- A smart assistant to tell you Weather, Missed Messages etc.
- Flexibility to learn/integrate your morning schedule
- Smart integration, e.g. a Philips Hue wakeup light

3.0 Current System(s)

Softstart believes that **Good Morning** has the potential to fill a sizeable market nice currently vacant.

4.0 Intended users and their interaction with the system

The target audience will be adults ages 18 – 32. They will use it as a personal organization tool.

5.0 Known interaction with other systems within or outside the client organization

- Smart devices, e.g. Phillips Hue Light bulb
- Mobile Operating System and APIs, i.e., Android or iOS

6.0 Known constraints to development

- Internationalization

7.0 Project Schedule

Project Milestone	Date
Draft Requirements Definition	21 Jan
Promotional Website Live	21 Jan
Formal Requirements Definition (Revision)	16 Feb
Detailed Requirements Definition (Revision)	1 Mar
Preliminary Prototype Demo	3 Mar
Final Requirements Definition (Revision)	15 Mar
User Manual	22 Mar
Final Prototype Demo	31 Mar

8.0 Project team

Ben Hawker – Project Liaison?

9.0 Glossary of terms

Philips Hue Light Bulb A "smart" light bulb that connects to home Wi-Fi networks. http://meethue.com/
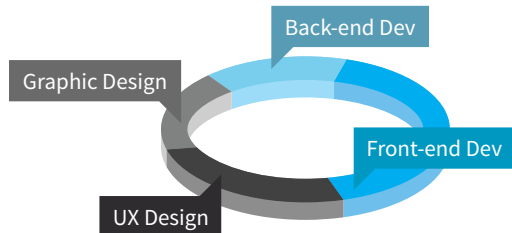**API** Application Programming Interface

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Skills

Back-end Dev
Graphic Design
Front-end Dev
UX Design

C# C-Sharp   **Re** Regex

B Bootstrap   **py** Python

jQuery   **JJ** IntelliJ IDEA

5 HTML5   **git** Git

3 CSS3   **A** Adobe CS6

Work

FRONT-END DEVELOPER
Microsoft   Spring 2015

Collaboratively designed a system level application for the Microsoft Surface Hub.

User tested an application in a controlled environment.

Implemented a fluid front-end design using C# and .NET Framework 4.5.

`C#` `Large Touch Interfaces` `Graphic Design`
`UX Design` `Interaction Animation` `.NET 4.5`

QUALITY ASSURANCE DEVELOPER
Latitude Geographics   Summer 2014

Tested Web based GIS software on a variety of platforms.

Designed and built an application with C#, .NET Framework 4.5, Windows Presentation Foundation and the Model View View-Model Pattern.

`Visual Studio` `C#` `ArcGIS` `.NET 4.5` `MVVM`
`HTML5` `Python` `TestRail` `WPF` `Javascript`

Projects

WEBSITE
Designed and maintained my personal portfolio website at www.hawker.cc which uses HTML, CSS3 and jquery.

ENGINEERING STUDENTS SOCIETY
Designed shirts, posters and artwork as Graphics Coordinator.

Maintained the society brand and encouraged visual consistency throughout society publications and materials.