Contents

1   Analysis

1.1   Problem Identification

1.1.1   Problem Description

1.1.2   Interview

1.1.3   Existing similar solutions

1.1.4   Features to be incorporated into solution

1.1.5   Feedback from stakeholders

1.2   Requirements

1.2.1   Stakeholder requirements

1.2.2   Software and hardware requirements

1.2.3   Success requirements

2   Design

2.1   User Interface Design

2.1.1   Usability Features

2.1.2   Feedback from stakeholder

2.2   Modular breakdown

2.3   Algorithms

2.4   Data Dictionary

2.5   Inputs and outputs

2.6   Validation

2.7   Testing

2.7.1   Methods

2.7.2   Test Plan

3   Implementation

3.1   First Iteration

4   Testing

5   Evaluation