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|  | Work Breakdown Structure |
| 5/7/2013 | Graduate Capstone |

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# 0 Introduction

The purpose of this document is to show a detailed structure of the tasks in the project.

## 0.1 References

* <http://www.harborlightmanagement.com/Publications/WBS%20outline.pdf>

## 0.2 Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Date | Reason For Change | Version |
| Andy Bottom | 04/16/2013 | Created Work Breakdown Structure | 1.0 |

# Project

## Pre-Project

### Research

* + - 1. Mobile Development
      2. Implementation
      3. Restful Web Services

### Project Setup

* + - 1. Software
      2. Web Server
      3. Database
      4. Obtain Licenses

### Brainstorm Ideas

* + - 1. Chose Project
      2. Research
      3. Market Need

## Inception

* + 1. Vision and Scope Document
    2. System Scope
    3. Risks
    4. Work Breakdown Structure
    5. Setup Website Documentation

## Design

### System Design

### Database

* + - 1. ERD
      2. Structure
      3. Tables

### Web Services

* + - 1. Structure
      2. Diagram

### Phone Development

* + - 1. Class Diagram
      2. Design Pattern

## Development

### Database

* + - 1. Create Tables
      2. Implement SQL

### Web Services

* + - 1. Implement

### Administrator Website

* + - 1. Classes
      2. Code-Behind
      3. User Interface

### Phone OS

* + - 1. Backend Code (Cross Platform)
      2. Windows Phone UI / Hookup
      3. Android UI / Hookup
      4. iOS UI / Hookup

## Testing

### Database

* + - 1. Data Stored
      2. Data Integrity
      3. Performance

### Web Services

* + - 1. Set up Correctly
      2. Expecting correct logic
      3. Performance

### Web Admin

* + - 1. Hit Web Services Correctly
      2. Valid Data Checking
      3. Performance

### Phones

* + - 1. Backend Logic Correct
      2. Hit Web Services
      3. Handle data effectively
      4. Performance
      5. Effect UI / Self Intuitive
      6. Data Validation

## Release

* + 1. Effective Deployment
    2. Out to Stores

## Maintenance

* + 1. Bug Fixes
    2. Feature Updates