East Hostages

Project Plan

Course : Smart Mobile

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Table of Contents

Version Overview

Version	Date	Description
0.1	**14-11-2019**	**Project plan**

Current Situation

One of the use-cases for the smart floor technology is to track an elderly person's activities in their private homes. The data derived from that process can be used by the person's caretaker(s), whether they are the person's family members or a professional caretaker. It should be possible for the caretaker to view the data easily in order to keep track of the elder.

Problem description

The problem right now is that the data gathered is not presented in a user friendly way. The data is shown on a screen that is mostly readable for the smart floor technicians/engineers, so it is not ideal for everyone.

Project goal

The goal of this project is to find a user friendly way to display the data received from the smart floor.

Introduction

The applications we will be creating is Smart Floors. Smart Floors is a company that specializes in making smart floors. The participants in developing this application are:

- Jean Destine (Liaison office 1 / Developer)
- Dimitar Ivanov (Developer)
- Martin Grigorov (Liaison office 2 / Developer)
- Angelica Dewi (Developer)
- Niels de Vreede (Developer)
- Abraham Ackom - Mensah (Developer)

Project Statement

In this project plan we describe the reason for starting our project and our expectations. The following topics will be described: the client, the project leader, the requirements, current situation, the deliverables and non-deliverable, the resources, the goal of our project, the constraints and the risks.

Formal Client

Our client for this project will be Frans Lefeber, the CEO of the Smart Floor company.

Contact information

Frans Lefeber

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Torenallee 20, 5617 BC Eindhoven, Netherlands

Project Leader

Martin is a formal student at Fontys Un Eindhoven is the project leader.

Contact information

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Project Deliverables and Non-deliverable

In this project, there are different deliverables and non-deliverables for the client and the teacher.

Client

Deliverable(s):

- An application for iOS and Android

Non-deliverable(s):

- Documentation

Teacher

Deliverable(s):

- An application for iOS and Android
- Project plan
- Design document

Project Constraints

Constraint 1: Time

The project must be completed within 8 weeks.

Constraint 2: User-Interface

The application must be accessible to as many people as possible. Therefore, it should be self-explanatory.

Project Risks

Risk 1: Activities take longer than planned

Probability: Medium

Impact: High

Steps to prevent: Try to follow the planning and keep a strict deadline within the group.

Risk 2: Miscommunication between teammates

Probability: High

Impact: High

Steps to prevent: Make sure each group member knows and understands what they are required to do.

Risk 3: Too little knowledge to implement certain features

Probability: Medium

Impact: Medium

Steps to prevent: Do intensive research regarding the requirements to gain knowledge. If necessary spend some of your own time to gain information.

Risk 4: Members dropping out

Probability: Low

Impact: High

Steps to prevent: Keep group moral high.

Risk 5: The prototype will not be accepted by the client

Probability: Low

Impact:High

Steps to prevent: Include client in process and ask for approval in the design phase.

Project Phasing

Phase 1: Initiation

The initiation phase consists of the following tasks:

- Research
- Personas
- Use Cases
- Sketches
- Wireframes
- Design Documents
- Prototype

Estimated duration : 2 weeks (32 working-hours)

Deadline : Friday, November 29th 2019

Phase 2: Build

The build phase consists of the following tasks:

- Feature Testing
- iOS app development

Estimated duration : 4 weeks (64 working-hours)

Deadline : Friday, January 10th 2020

Phase 3: Testing

The testing phase consists of the following tasks:

- Testing
- App retouching
- Final testing

Estimated duration : 1 week (16 working-hours)

Deadline : Friday, January 17th 2020

Phase 4: Presentation

The presentation phase consists of the following tasks:

- Final Presentation

Estimated duration : 1 week (16 working-hours)

Deadline : Friday, January 24th 2020