
JagTran

JagTrack
Software Development Plan

Version 1.0

JagTrack	Version: 1.0
Software Development Plan	Date: 03/12/2012

Revision History

Date	Version	Description	Author
03/12/2012	1.0	Document created.	Nguyen, Matthew

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Software Development Plan

1. Introduction

1.1 Purpose

To be finished (TBF).

1.2 Scope

TBF

1.3 Definitions, Acronyms, and Abbreviations

- USA – University of South Alabama
- JagTrack – The project
- JagTran- USA's on campus transportation
- CSC 331 – The class the project "employees" are in.

1.4 References

- *Iteration Plans*
- *Requirements Management Plan*
- *Measurement Plan*
- *Risk Management Plan*
- *Development Case*
- *Business Modeling Guidelines*
- *User Interfaces Guidelines*
- *Use-Case-Modeling Guidelines*
- *Design Guidelines*
- *Programming Guidelines*
- *Test Guidelines*
- *Manual Style Guide*
- *Infrastructure Plan*
- *Product Acceptance Plan*
- *Configuration Management Plan*
- *Documentation Plan*
- *Quality Assurance Plan*
- *Problem Resolution Plan*
- *Subcontractor Management Plan*

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- *Process Improvement Plan*

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2. Project Overview

2.1 Project Purpose, Scope, and Objectives

Create an application that will allow the consumer to query details about USA's JagTran system.

2.2 Assumptions and Constraints

1. The JagTran vehicles will have sensors to monitor the amount of riders on a particular bus.
2. Project should be finished before the end of the semester.
3. The project staff consists of students in CSC 331.

2.3 Project Deliverables

3/20/12 – LCO deliverables due

2.4 Evolution of the Software Development Plan

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3. Project Organization

3.1 Organizational Structure

Teams (From the wiki):

3.1.1 Project Manager:

- Robert Fornof
- Hayden Chudy

3.1.2 Requirements/Analysis Team 1:

- Xingyu Wang
- He Zhang
- Weijian Jian
- Jim Fletcher

3.1.3 Requirements/Analysis Team 2:

- KD Wilson
- Chase Bryant
- Hao Wu
- Rujie Yuan
- Sumit Shrestha

3.1.4 Quality Assurance

- Christopher Camp
- Caleb Hall

3.1.5 Configuration Management

- Matthew Cooper
- Matthew Nguyen

3.1.6 Testing & Security

- Adam Moore
- Brad Bittinger
- Leyue Wang
- Shanna Keith

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3.1.7 Technology & Tool Integration

- Christopher Johnson
- Glenn Bigelow (Ray)

3.2 **External Interfaces**

Interactions with the customer are done through a customer representative. In this case, it would be Professor McDonald.

3.3 **Roles and Responsibilities**

- Each team/person is responsible for artifacts from the RUP assigned to them.
- Project Managers: Responsible for guiding the rest of the team and assigning tasks as they see fit.
- Technology and tool integration: Responsible for actual program

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4. Management Process

4.1 Project Estimates

4.2 Project Plan

4.2.1 Phase Plan

4.2.2 Iteration Objectives

- Inception:
 - Majority of RUP artifacts started or finished.

4.2.3 Releases

- 3/20/12 – Prototype for Project Briefing

4.2.4 Project Schedule

- 3/20/12 – First Project Briefing/Demo
- 5/1/12 – Second Project Briefing/Demo

4.3 Iteration Plans

4.4 Project Monitoring and Control

4.4.1 Requirements Management Plan

4.4.2 Schedule Control Plan

4.4.3 Quality Control Plan

4.4.4 Reporting Plan

4.4.5 Measurement Plan

4.5 Risk Management Plan

4.6 Close-out Plan

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5. Technical Process Plans

5.1 Development Case

5.2 Methods, Tools, and Techniques

5.3 Infrastructure Plan

5.4 Product Acceptance Plan

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6. Supporting Process Plans

- 6.1 Configuration Management Plan**
- 6.2 Evaluation Plan**
- 6.3 Documentation Plan**
- 6.4 Quality Assurance Plan**
- 6.5 Problem Resolution Plan**
- 6.6 Subcontractor Management Plan**
- 6.7 Process Improvement Plan**

7. Additional Plans

- 8. Annexes**
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