
JagTrak Business Case

Version 1.1

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Revision History

Date	Version	Description	Author
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Table of Contents

- 1. Introduction4
 - 1.1 Purpose..... 4
 - 1.2 Scope..... 4
 - 1.3 Definitions, Acronyms, and Abbreviations 4
 - 1.4 References..... 4
 - 1.5 Overview..... 4
- 2. Product Description4
- 3. Business Context4
- 4. Product Objectives.....4
- 5. Financial Forecast.....4
- 6. Constraints5

Business Case

1. Introduction

1.1 Purpose

The purpose of this business case is to identify the purpose of the JagTrak product and the related constraints, costs, market, and technologies to be used.

1.2 Scope

This document applies to the current JagTrack development team.

1.3 Definitions, Acronyms, and Abbreviations

1.4 References

1.5 Overview

The remainder of this document is organized, in order, into the product description, business context, product objectives, financial forecast, and constraints.

2. Product Description

The JagTrak project is meant to solve problems related to the JagTran system, including scheduling problems, tram location tracking, vacancy on each tram, and route confusion. The client is being developed for the Android smart phone operating system due to large market share, low barrier for entry, and readily available development tools, while the server is being developed on top of a standard LAMP (Linux, Apache, MySQL, PHP) system. This system will help increase the number of passengers on the JagTran, thereby putting the money already being used for the system to better use.

3. Business Context

The system will be used on a university campus by the student body.

4. Product Objectives

The objective of this product is primarily to assist students in better using the resource of the JagTran system. The students already pay fees to keep the JagTran running, and a limited percentage of the student body currently uses it.

Tentative Schedule: Next Iteration Release – May 1, 2012

By the next iteration, one of the primary use case functions should be realized. The principle schedule risk is final exams for staff members, which will occur soon after the next iteration release.

5. Constraints

The client is being developed for the Android smart phone operating system due to large market share, low barrier for entry, and readily available development tools, while the server is being developed on top of a standard LAMP (Linux, Apache, MySQL, PHP) system, due to all being free and open-source projects.