<Company Name>

JagTran Project
Integration Build Plan

Version <1.0>

Revision History

Date	Version	Description	Author
22/Apr/12	1.0	Create document	Shanna Keith

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Integration Build Plan

1. Introduction

The integration build plan will be used to make a plan of the order in which the applications for the JagTran Project will be made. This plan will mainly force on two uses cases.

1.1 Purpose

This plan is to describe the integration of two use cases titled track passengers and get arrive time and turn them into applications.

1.2 Scope

The integration build plan applies to the creation of an android application that follows the use case for getting arrive time and a desktop application for the use case of tracking passengers. The plan will help with the prototype artifact.

1.3 Definitions, Acronyms, and Abbreviations

Subsystem- device application
Desktop application - application that will be access by the administrator
Android application – application that will be use be user with Android phones

1.4 References

1.5 Overview

This document will cover the applications that are being created during the elaborations phase.

2. Subsystems

During the elaboration phase, the prototypes for tracking passengers and getting arrive time will be created. The following table will describe subsystem and order that they will be implemented during integration:

Subsystem	Application	Order of implementation
Android application	Get arrival time	1
	Track bus	3
Desktop application	Track passengers	2
	Track bus	3

3. Builds

The build integration will consist of:

- Creating application
- Setting up a temporary database to test application
- Testing application

3.1 Integration Build One

The first integration build will focus on the creation of two applications:

- Get Arrive Time use case
- Track Passengers use case

Get Arrive Time prototype will be created for the Android application. This application will allow user to see the arrival time for buses.

- **Construction:**
  Application will be written in Java.
  Database will be simulated.
- **Evaluation:**
  Can user retrieve wanted information?
  Is information correct?
  Can the information be delivered in a timely fashion?
  Can application handle multiple requests?
  Can application handle change information from database?
- **Test:**
  Test application on laptop.
  Test application on an Android device
  Find average load time
  See if application can handle multiple clients
  See how application reacts to changing data

Track Passengers prototype will be created for a desktop application.

- **Construction:**
  Application will be written in Java.
  Database will be simulated.
  Run application on desktop
- **Evaluation:**
  Can application kept up with change data?
  Can application show accurate information?
- **Test:**
  See if application can handle changing information

3.2 Integration Build Two

This integration will be filled as more use cases are evaluated and turn into applications.