<JagTrack >

Business Rules

Version <1.0>

Revision History

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Business Rules

# Introduction

This is a Business Rules document of the JagTrack Project. It includes the facts relating terms to each other, the constraints and the derivation in the Project.

## Purpose

To give better constraints for coding, and make the product safer and more stable.

## Scope

The Rules may change if any item while coding changes, and gives some constraints while coding.

## References

No references.

## Overview

The document contains the definitions we’ll cover in the project, the rules we need to use, the constraints while coding and the relationships between the items.

# Definitions

JagCard: the card to identify whether the person is a student of the campus

StuNumber : a number for every student

JagTrack: the school bus goes around the campus

Restricted article: pets, lit cigarette ,sharp tools etc.

## <JagCard >

Only a student with their JagCard can get on the bus or log in the JagTrack System.(i.e. if a student cannot provide his/her JagCard, then he/she should provide some information like his/her name and StuNumer to prove he/she is a student on campus)

## <Restricted Articles >

No reitricted article is allowed on the JagTrack.

## <Actors >

About the person who can log in the JagTrack System, we can divide them into two parts, user and controller.

### <User >

The student on the campus can get into the system by sweeping their JagCard

### <Runner >

The JagTrack should not run at a high speed when campus is crowded.

The JagTrack cannot start until there’s at least 5 people on it when fastigium.

## <System >

### <Update >

The system should update the information once an hour.(The information including: the next bus arrival time, the current stop name of the route, the name for next stop of the route)

### <Change of route >

If the route has changed, there should be announcement on the first page of the system.