JagTrack
Use-Case Specification: Bus Load

Version 1.0

Revision History

Date	Version	Description	Author
06/Mar/2012	1.0	Bus Load Use Case	Chase Bryant

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1. Bus Load

1.1 Brief Description

The system keeps track of how many riders are currently on the bus. Users can access the system and view the information to determine whether or not they want to ride the bus.

2. Actors Involved

User, Rider, Sensor

3. Flow of Events

3.1 Basic Flow

1. Rider enters JagTran.

2. System keeps track of how many riders are aboard the JagTran.

3. User accesses system.

4. User chooses desired JagTran.

5. .System output amount of riders that are currently on the JagTran.

6. User decides whether or not to ride the JagTran.

3.2 Alternative Flows

3.2.1 System Crashes

1. User accesses application

2. System crashes

3. No information is output

3.2.2 Inaccurate Reading

1. Sensor malfunctions and gets inaccurate results

2. User accesses application

3. User gets incorrect information

4. User arrives at stop and JagTran is full

4. Special Requirements

1. System must be made available to users for download

2. Users must have necessary hardware to download software. .

5. Preconditions

1. User must be able to access system.
2. Sensors must be installed on JagTrans

6. Postconditions

1. Amount of riders on each JagTran is given.