

Team number	29
Project Title	A comprehensive logistics management application using Cloud Platform
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Description:

We are going to implement this project using Progress Rollbase which is a platform as a service software. In this project, we are supposed to design, develop and deploy a comprehensive logistics solution . The application aims at helping the customers to manage their logistics information, load tracking system etc. Its additional features comprises of having the ability for consignment re-routing mechanisms, route based trip management, payment tracking, customer information management etc.

Profile of users

There would be mainly three types of users namely customers and system administrators. Customers are able to track their consignment , able to see the estimated payment and post complaints about the system if any. System administrators are required to maintain the site and find & solve bugs.

The system will provide various options to system administrator and the customers to deal with the consignments:-

System Administrator-

He can update the consignment details, provide estimated cost and transition time and manage the users, etc.

Customer-

He can place an order if he is a logged in user, view his previously booked consignment, cancel his order, view expected time of delivery etc.

Usage Model:

The system administrator will add new sources and destinations to the database.

The customer will book new logistic by giving necessary details(type, weight, source, destination etc.).If he selects estimated time or estimated cost, then the admin will display the estimated cost based on weight and type; and estimated time based on current location.

Customer can also look into his previous consignments or cancel the order.

If he cancels the order, then the relevant details will be removed from the database.

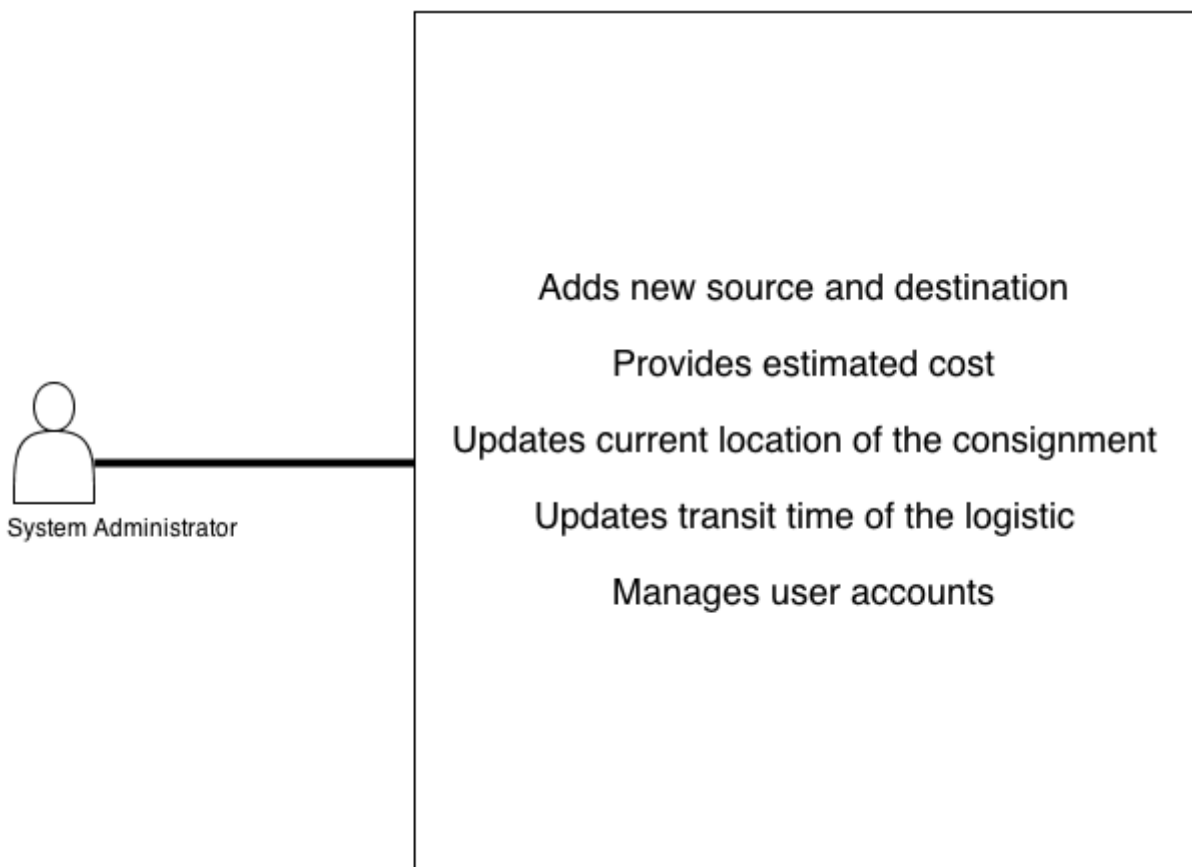
Functionalities of System Administrator:

1. Adds new source and destination
2. Provides estimated cost
3. Updates current location of the consignment
4. Updates transit time of the logistic
5. Manages user accounts

Functionalities of Customer:

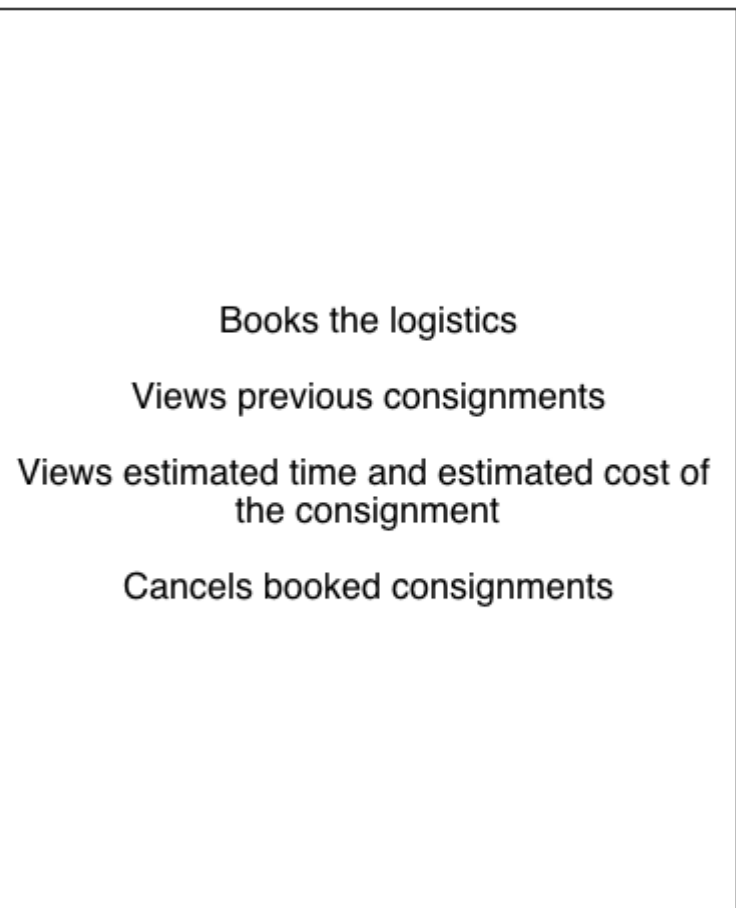
1. Books the logistics
2. Views previous consignments
3. Views estimated time and estimated cost of the consignment
4. Cancels booked consignments

Diagrams:





Customer



Books the logistics

Views previous consignments

Views estimated time and estimated cost of the consignment

Cancels booked consignments