



1

## Scope of Work: Crowdsourced App for Shipping

v.1.1

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## Table of Notifications

This Table represents the contacts in both companies as assigned currently.

Project	Name	Company
Project Requirements	Ernesto Knosel	
Client Interface (Business)	Sakshi Sharma	Software Developers Inc.
Client Interface (Technology)	Raj Srivastav	Software Developers Inc.

## Project Overview

- To build a platform that will make the process of picking and disposing/delivering the load from shipper's pick up location to the load delivery location, instant, on the go.
- The user will view available routes/types and select an option and send the request based on its requirement (load weight, type of load, pickup location, delivery location, time/date of delivery). Based on the user's requirement, the request will be passed to the nearby active carriers.
- The carriers can see the load details, time of delivery and location. If everything is manageable the carrier can accept the request/order OR decline it.
- This document contains all of the main modules/functions requirements.

## Development Principles

The development principles of this turnkey solution will be:

- iOS and Android Smartphone app and a web based access application
- Light elegant designs to give a modest look and feel to the users for both the mobile app and web interfaces.
- Smart Navigation Tabs for easy and fast access to all the functions.
- Language of Development – English
- Language of Data Entry – English

## Coding Standards

- Native Android and iOS App Development to build the code and user interface design for the mobile app.
- Optimal use of PHP or .NET programming language for programming the website and web services.

## FUNCTIONS LIST FOR THE FOLLOWING MODULES

### MODULE 1 : User's/Customer's Interface

### MODULE 2 : Admin's web Interface

### MODULE 3 : Truckers/ Truck Drivers Interface

### MODULE 4 : Website for the app

### MODULE 1 : User's/Customer's Interface

1. Sign In
  - 1.1. Email
  - 1.2. Password
  - 1.3. Connect via Facebook
2. Sign up
  - 2.1. Email
  - 2.2. Password
  - 2.3. Contact number
  - 2.4. Payment card information

3. Based on user's current location the different types of trucks on the nearby routes are displayed on the screen in map view. [The user will be able to select the type of truck/shipping.](#)
4. If the user wish to see the list view the user can switch to list view. The list view will show trucks with the info of how many miles its away from pickup location and how much time it will take to reach the pickup location.
5. The search can be filtered based on the type of truck the user is looking for picking up the load.
6. The user can then add the load delivery destination, type of load/material/equipment, weight,etc
7. App will then calculate the freight rate based on the information added by the user.
8. If the user find the freight rate good to go then the user submits the request.
9. The fees will get charged on the added payment card.
10. The user will receive a notification that your request has been processed.
11. The user opens the notification and view the following information:
  - 11.1. Pickup time
  - 11.2. Delivery time
  - 11.3. Truck Driver's information (with his ratings)
  - 11.4. Truck's info
  - 11.5. On going tracker (Route: this will be updating all the time)
12. When the load is delivered the user will receive notification that its been delivered.
13. The user can then rate the driver based on the information they receive from the person on delivery site. (The ratings can be on the basis of driver's behaviour, communication skills, handling of the load, on time delivery, etc)

## **MODULE 2 : Admin's web Interface**

1. The client will download the web version of the app.
2. The admin will enter the data into each field. The fields can be:
  - 2.1. Type of truck
  - 2.2. Start location
  - 2.3. End location
  - 2.4. Date of start
  - 2.5. Date of delivery

- 2.6. Load weight
- 2.7. How much empty space left
- 2.8. Routes the truck has to follow to the actual destination
3. The system can then assign load to a driver based on 3rd party requests (App's customers)
4. After the system assigns the request, the admin has to internally inform the selected driver about the load he that he has to pick-up on the way.
5. The admin is going to have full information of all the drivers. (His employees)
6. The admin will also receive the updated information of the trucks through an ongoing tracker.
7. The admin will also receive the for of lading of goods at the delivery location
8. **Reports Module**
  - 8.1. The admin can generate the reports based on the data or records that resides in the system.
  - 8.2. The admin would be able to see the daily, weekly and/or monthly sales and expenses reports.
  - 8.3. The admin can also sort the reports based on the information he is specifically looking for. For example : view the transaction on a specific date, filter transactions based on payment methods, etc.
9. **Invoice Module**
  - 9.1. The app will allow for taking pictures of the invoices. The invoice will be sent to customers as well as the trucking company. The admin will be able to review it in the database. by the admin and sent to customers as well for the freight charges for lading the goods and their preferred destination.
10. **Insurance**
  - 10.1. We can evaluate and implement a risk insurance module provided by 3rd party which can insure the shipment at an additional premium if the user decides to accept it.

### **MODULE 3 : Truckers/ Truck Drivers Interface**

1. Truckers will create their profile, add their documents and sign into the app.
2. They will receive a notification within app about a new load that they have to pick up.
3. Once the trucker checks the notification, the trucker will see the details of the load and pick up location. The trucker add these to the day's task.

4. When the trucker delivers the good, the trucker has to open this task from his assigned task category and once he taps on the delivered button, the invoice will show up. The invoice will be attached to the POD (Proof of delivery).
5. The trucker will need to take the e-signature of the customer at the destination which will act as a proof that the goods are delivered.
6. The trucker then taps the “email invoice function” on the app which will automatically sends the invoice to the customers email and a copy of it will be sent to the admin’s database.

#### **MODULE 4 : Website for the app**

1. We will build a 4 to 5 page website for you which will give the users information about your business and the services you provide.
2. The website will display app features.
3. We will also provide the links to the app store (Apple and Google play store) on your website.
4. We will add the terms & conditions/policy page.

#### **Investment details - Time & Cost**

Tasks	Resources	Duration	Cost
Wireframes & designs	1 Designer	1 month	2000
iPhone app development	1 iOS Developer	2 months	7000
Android app development	1 Android Developer	2 months	7000
Web interface for admin/Backend	1 PHP/ .NET developer	1 month	4500
Webservices	1 PHP/ .NET developer	2 weeks	1500
Testing	1 QA Engineer	2 weeks	Included
Website			Included
6 month warranty			Included

Total - U.S. Dollars Twenty Two Thousand		3 Months	\$22,000
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All different tasks will be carried out in parallel so the total delivery time will be 3 months from the date of the accepted agreement.

**Payment and revenue sharing terms:**

- 50% upfront payment at contract signing
- 50% on BETA delivery

All of the project Source codes will be handed over to the client on project completion. Client will be the sole and exclusive owner of the app and all Intellectual Property of the App on project completion and payment of all agreed Invoices to SDI.