



v.1.1

## Scope of Work: Inspection App

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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 Trailer Inspection seamless for both the owner and its client/customer.
- This document contains all of the main modules/functions requirements.

## Development Principles

- iOS and Android Smartphone app and a web based 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 : Users Interface for Two types of users - 1) Employees of the company who owns the Trailers and 2) Employees of the company who is renting the Trailers**

**MODULE 2 : Backend for Trailer Owners and their customers (Web only)**

**MODULE 3 : Super Admin Master Console (Web only)**

### **MODULE 1 : Users Interface for Two types of users (App only)**

#### **USER 1 : Staff (Trailer owners employees)**

1. After the admin (Company's owner) register the employee in the backend, the employee will receive an email with a link to download the app & login credentials in order to start using the app.
2. Sign in - The employee will sign in with the login credentials provided by the admin (their boss)
  - 2.1. Employee ID/ Email
  - 2.2. Password
3. Home screen
  - 3.1. Select the time of Trailer & Truck inspection
    - 3.1.1. Time Stamp - When the Trailer is sent to the client
    - 3.1.2. Time stamp - When the Trailer is checked back into the yard or owners vicinity.
  - 3.2. After selecting one of the above 2 options, the inspection agent/staff will scan the Trailer's VIN/ Trailer number to start a record for filling in the information.

### 3.3. Select the Trailer type

#### 3.3.1. Van Equipment

#### 3.3.2. Flat Bed

### 3.4. The app will then populate the inspection steps/fields which can be marked and filled by the inspector.

#### 3.4.1. Point of interchange location (selected from the dropdown or manually filled in using autocomplete feature)

Note: This has to be tagged with GPS so that the current location auto populates.

#### 3.4.2. Trailer checkin or checkout time & date will be auto stamped

#### 3.4.3. The inspector will then see the images of the trailer type and can highlight the areas that are damaged on the image.

##### 3.4.3.1. The inspector can add comment/notes and also attach the pictures of the actual damaged area of the trailer.

##### 3.4.3.2. The inspector use the phone's camera to take pictures and add them while marking the damaged area and/or adding comments.

Note: Build descriptions or narratives of defects in seconds with the searchable library that learns from you as you use it. So the next time you put any comment it will autofill for you as you starts typing.

#### 3.4.4. The other inspection fields will be listed and the inspector needs to select a response. The inspector can add notes to each of his selected responses or can add the summary at the end when the inspection is completed.

#### 3.4.5. After filling all these fields the inspector will tap the "Generate report button".

##### 3.4.5.1. The report will be generated in the pdf format.

### 4. The inspector can review the report within the app and if everything looks good, the inspector will e-sign the report and submit it.

### 5. The report when submitted will be emailed to the owner of the Trailer and the copy will be sent to the client.

## USER 2 : Clients & their staff (The companies who are renting the trailers from the Trailer owner)

1. After the admin (Company's owner who is renting the trailer) register the employee in the backend, the employee will receive an email with a link to download the app & login credentials in order to start using the app.
2. Sign in - The employee will sign in with the login credentials provided by the admin (their boss)
  - 2.1. Employee ID/ Email
  - 2.2. Password
3. Home screen
  - 3.1. Select the time of Trailer & Truck inspection (Pre trip & post trip inspection)
    - 3.1.1. Time Stamp - When the Trailer is arrived at the client's location.
    - 3.1.2. Time Stamp - When the Trailer is returned to the owners vicinity.
  - 3.2. After selecting one of the above 2 options, the inspection agent/staff will scan the Trailer's VIN/ Trailer number to start a record for filling in the information.
  - 3.3. Select the Trailer type
    - 3.3.1. Van Equipment
    - 3.3.2. Flat Bed
  - 3.4. The app will then populate the inspection steps/fields which can be marked and filled by the inspector.
    - 3.4.1. Point of interchange location (selected from the dropdown or manually filled in using autocomplete feature)  
Note: This has to be tagged with GPS so that the current location auto populates.
    - 3.4.2. Trailer checkin or checkout time & date will be auto stamped
    - 3.4.3. The inspector will then see the images of the trailer type and can highlight the areas that are damaged on the image.
      - 3.4.3.1. The inspector can add comment/notes and also attached the pictures of the actual damaged area of the trailer.

3.4.3.2. The inspector use the phone's camera to take pictures and add them while marking the damaged area and/or adding comments.

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3.4.5.1. The report will be generated in the pdf format.

4. The inspector can review the report within the app and if everything looks good, the inspector will e-sign the report and submit it.
5. The report when submitted will be emailed to the owner of the Trailer and the copy will be sent to the client.

## MODULE 2 : Backend for Trailer Owners & their clients/customers (Web only)

1. The users who wants to use the Inspection software in their business needs to register with the software provider (Ernesto & Jorge). They will submit the request with the following information:
  - 1.1. Name
  - 1.2. Company Name
  - 1.3. Address
  - 1.4. Contact number
  - 1.5. Company's identification number (TIN)
  - 1.6. Email
  - 1.7. Number of employees who will be using this application in their company
  - 1.8. Submit

Note: Once the super admin receives this request, the super admin will verifies the company and issues a number of licenses based on the number of employees who will be using the app in that company. The super admin can charge on an yearly basis or contract basis.

OR

Super admin can sell the software on a subscription basis. For example - If you have 10 employees who will be using the application, please pay \$150/monthly subscription.

2. Sign in - Once the super admin receives the payment as per the subscription rate agreed, the super admin will send their client login credentials.
  - 2.1. Unique ID
  - 2.2. Password

Note: The admin (companies who owns trailer and/or companies who rent the trailers) can now login to a web browser where they can create users (their employees) who will be using the app. The admin will also be able to manage & control their users accounts and also manage the reports sent by their clients.

3. Through the backend the owner of the company (Trailer owner & Trailer rentee) can manage their employees access into the app.
4. The admin can edit/add/delete the users (his staff) who are using the app.
5. The admin can also manage the data of their customers whom they are renting the trailers and vice versa.
6. The admin will have the ability to generate various reports.
  - 6.1. Type A admin - Trailer owner
    - 6.1.1. Trailers he has in his possession and its history of records
    - 6.1.2. Reports (Inspection report) submitted by their clients before and after using the trailer
  - 6.2. Type B admin - Trailer Rentee
    - 6.2.1. Trailer companies whose trailers they have used and its history
    - 6.2.2. Reports (Inspection report) submitted by the trailer owners before they rent their trailer and after they received it back.



## **MODULE 3 : Super Admin Master Console**

**We will create and build a web based Back-end which will have the following features for the Super Administrator**

1. Login/Logout
2. Dashboard
3. The admin will be able to add/edit/delete content that he wishes to upload on app interface.
4. The admin will be able to create sub admins to whom the admin can assign roles and privileges.
5. Manage and control sub admins access to the database.
6. Add/ Modify/ delete accounts/ sub admins profile.
7. Admin will have the full control of entire mobile application and website including users and report templates.
8. Admin will be able to run report of active users (Truck & Trailer owners/companies and their clients) based on the selected location.

## Investment details - Time & Cost

Tasks	Resources	Duration	Cost
<b>WEBSITE (Marketing &amp; Registration for Trailer Owners/Rentee)</b>			
Designs	1 Designer	2 Weeks	\$1000
Development	1 PHP/.NET Programmer	3 Weeks	\$3000
Testing	1 QA Engineer	3 Days	included
<b>App (iOS + Android Mobile phones)</b>			
Designs	1 Designer	3 Weeks	\$1500
iOS App Development	1 iOS Programmer	6 Weeks	\$5250
Android Development	1 Android Programmer	6 Weeks	\$5250
Testing	2 QA Engineers	2 Weeks	included
<b>Backend (Super Admin + Trailer Owners/Rentee)</b>			
Development + Web services	1 PHP/.NET Programmer	3 Months	\$9000
Testing	1 QA Engineer	2 Weeks	included
6 months warranty			Included
<b>U.S. Dollars Twenty Five Thousand</b>		<b>Total Cost</b>	<b>\$25000</b>

All the above tasks will be carried out in parallel so the total delivery time will be 3.5 months from the date of the accepted agreement.

**Payment details** (Payments can be made via Credit card securely or via ACH/Check/wire)

- 50% upfront payment at contract signing.
- 50% on Beta deliver

You will have a dedicated Project manager here in our Silicon valley office as the primary contact and he will ensure that the project starts and completes as scheduled. We will monitor and supervise everything through ActiveCollab project management platform.

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 IP of the App on project completion and payment of all agreed Invoices to SDI.

**FYI: We will assist you in setting up the Enterprise store & we will launch this app as an enterprise app for you and your clients.**