

Vision Document for Trucking Company

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1. Introduction

Trucking companies are the ones that physically take goods from one place to another on behalf of a shipper. Shippers hire trucking companies directly to complete the move or they may work with a freight broker. Normally, a small Trucking Company doesn't require much of tasks to complete any work. Usually the Company owner manage the company by him/herself via a manual process. All the tasks like hiring a driver, viewing available shipments, listing available trucks, payments, filling up and sending/emailing documents, advertising were done by a single person.

As the Company starts to expand to a bigger version of it, things like employee management, maintenance, and payments are becoming out of control and it is requiring hiring more office workers to handle the job for you. Although the job is handled very well, the company is spending more money for the unwanted number of office workers. So, the company owner is requesting the whole system to change it to web-based company management system.

Fleet Dispatchers are required to pre plan loads for drivers. their task is to search available loads from Brokers website and post it as available loads for the drivers. They also file up contract forms and be able to email it to both Brokers and the company General manager. General Managers are required to hire drivers, approve drivers and give access to the website. They also Maintain budgets and optimize expenses and also Prepare regular reports for upper management.

Truck drivers are required to apply for job opening and sign contract prior to start working. After they get approved by the General manager, they have to be able to login to the website and accept loads. They also have to report all their expenses and see their completed load tasks.

2. Positioning

2.1 Problem Statement

The problem of	Automating truck load management for both stuff and drivers
Affects	Fleet dispatcher, General Manager and Drivers
the impact of which is	Load assigning, Form filing and emailing, managing payments is complex and manually operated
a successful solution would be	A web-based application that can be accessed by both stuff and drivers over the internet that allows stuff maintain loads with a database, lets drivers choose loads and report expenses and moreover avoid errors by integrating all requirements, constraints and company rules

2.2 Product Position Statement

For	Truck drivers and Stuff members
Who	Don't have access to manage loads in automated way
The (product name)	Trucking Company System

That	The system provides an online load management system and also provides payment management and filling report
Unlike	The available Trucking Companies which doesn't provide online services.
Our product	Provides an online load selection, payment management, reviewing hiring application, and posting available loads

3. Stakeholder Descriptions

3.1 Stakeholder Summary

Name	Description	Responsibility
Staff	System administrators and Office managers who has Ability to bid hot shots loads for straight trucks via load board and also has Ability to pre plan loads for drivers. Manage payments and file contract forms	Include: -Update changes to the system -Hire Drivers - Give access to the website - Feed initial data to the system - update payments and manage expenses - Track available loads and assign to drivers
Drivers	People who Pick up goods and materials	- Planning routes and meeting delivery schedules
Developers	Application Developers	- Develop system features

		<ul style="list-style-type: none"> - Fix bugs - Maintain system availability
Tester	Testers are JUnit tool to test system or integration test.	<ul style="list-style-type: none"> - Responsible for integrity testing

3.2 User Environment

The Trucking company system will engage several of its users. The user environment as of it's several different users will include several environments. When a driver selects a load, this system will give the driver an approval and ultimate service to accomplish his/her requested loads. The system that the company is using nowadays is manually computed and is hard to accomplish what is needed. The User Environment encompasses all processes where actual users of the software t in order to verify functionalities meet the specified requirements. The users test the system in order to ensure that it can handle all the tasks required in a real-life environment.

4. Product Overview

4.1 Product Perspective

This Trucking Company system is a self-contained application that is designed to serve the current needs of small-scale Auto managed Companies at their central axis.

4.2 Assumptions and Dependencies

Under the available consideration of requirements, the following requirements will be achieved by the Auto Trucking company for a successful implementation of the system

- ✓ Computers equipped with windows or mac OS will be available for admin and sales staff.
- ✓ There will be a designated trained Systems Administration staff who will be responsible for monitoring and reporting.
- ✓ There is a designated bank account for online transactions.
- ✓ Sales staff should be trainable to work on computer application programs.
- ✓ Legacy data on all resources is available for startup.

4.3 Needs and Features

No	Problem	Need	Features
<u>Staff</u>			
1	The Company will need drivers for their open positions	This current information must be captured and reviewed	System Admin must be able to review and hire drivers and give access to company website
2	The companies increase their available loads and wants to post available loads to the website	System database should be updated with incoming resource	System Admin must be able to add new load information and update existing fleet information.
3	Vehicles demand maintenance, or state inspection. Loads needs to be removed	System database should be updated with temporarily or permanently	System Admin must be able to remove loads either permanently or temporarily from the system.

		unavailable resource	
4	Phone call assigned loads has to be managed	Phone call assigned drivers must be registered on the online system	Fleet dispatchers should be able to add the assigned loads in to the system
5	General manager has to manage any payment requirements and pay employees and drivers	All expenses and payments have to be calculated and make payments to employees and drivers	General managers have to calculate and update expenses and profit. Collect employees and drivers banking information for payments.
<u>Customers</u>			
6	drivers browse the system for available loads based on their needs/interests	Drivers must be able to get a list of loads they searched based on their interest along with information on prices, availability	Drivers should be able to reach the systems website and able to search all the available Loads.

7	Drivers choose and book loads	Drivers should be able to reserve a load online	Drivers should be able to reserve a load for delivery by submitting the required information in the website
9	Customers need to fill and sign agreement form upon receiving loads	Truck drivers should be able to confirm the receipt of the load agreement	The system should be updated for the assigned loads

5. Other Product Requirements

My Trucking Company system is designed to be functional on multi-platform and will be able to support operating systems of Windows, Linux, and Unix standard browsers. The main goal for the Trucking Company system is to fulfil all the Customer requirements and accomplish requested tasks by targeting the Trucking Companies. One way to do this is by monitoring, evaluating and acting on post deployment user, can be Staff and/or customers feedback. Addressing these issues raised during feedbacks is crucial in developing a successfully software. Moreover, the system should include a feedback exchange mechanism with users and include a simple user manual specifically targeted for staff users.