

Project Concept Document

Project Number	Team-14
Project Title	Hire Truck
Document	DASS Project Concept Document
Creation Date	27th January,2023
Created By	Swayam , Mitansh , Vrinda , Yashaswi
Client	Bhaskar , Zam Engg

Description:

Truck owners send goods to ports which are then transported via the sear routes. On the return trip the trucks come back empty. This leads to trucks charging customers for a 2-way trip. Thus we will be designing an end-to-end solution for this problem via a responsive web-application. Our solution would connect Truck owners with likely customers who want to send their goods via a route which is common with the return trip of the truck so that the return trip can be profitable. This is advantageous for both truck owners as well as those who want to transport their goods as it provides a better price-point to both the entities involved. There is no existing solution for this problem and our solution will make logistics easier for anyone wanting to send goods as well as provide better revenue for truck owners.

Profile Of Users:

The web app will be used by Truck owners ,goods suppliers and common people who need assistance in moving goods from one place to another. The users of the app will have the facility to search on the list of trucks moving on the day exactly at which they want help moving goods and filter out those which are en-route their collection and delivery location. This will help the truck owners some monetary compensation of the resources being wasted on their way back like petrol/diesel/CNG fuel , time etc and at the same time this will ease the process of moving goods from one place to another for people by a large factor.

The app will also provide the truck owners with the provision of listing a truck and its details like Arrival_Date : 12/2/23 and Departure_Date : 15/2/23 , the route of the departure, and their contact numbers , this will be visible to people and they can check if the location where they want to send goods is en-route of the route listed by the truck owner. If it does then that particular person can easily contact the owner and set the collection and delivery time of their goods.

Feature Highlights:

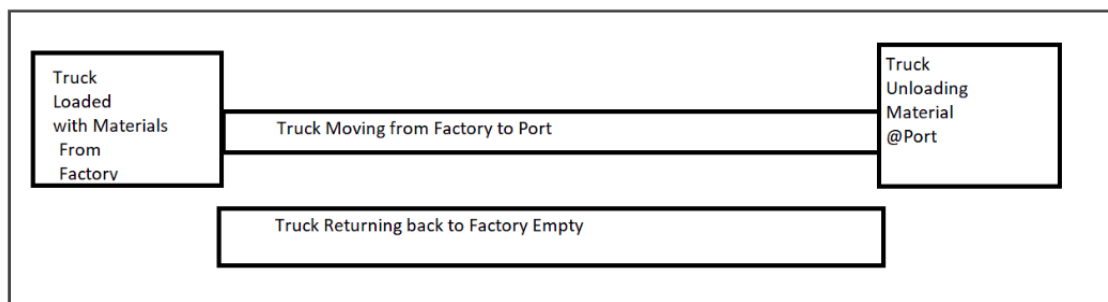
The features that we are required to implement in the website must be such that the website should allow the truck owners to list their arrival,departure time,route,contact details on the website , buyers/common people can see this listing and they can click a particular truck owner to hire and the truck owner will be notified when the buyer contacts him.

Additional features which might be implemented if time permits is the feature of messaging on the website which would enable the truck owner and buyer to communicate smoothly on the platform itself and all negotiations can be done there.

Milestones and Timeline:

Milestone	Timeline	Deliverable
Finalise Requirements	End of January	Yes
Tech Stack : MERN Stack (Brushing up MERN concepts)	End of January	No
Responsive Web App(UI/UX design)	Mid-February	Yes
Provide an end to end solution (Coding)	End of March	Yes
Testing and Deployment	End of April	Yes

Diagrams:



Problem