INDIAN INSTITUTE OF INFORMATION TECHNOLOGY

BTP EVALUATION -1

Logistics Website using Nodejs as Server End

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OUTLINE

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INTRODUCTION

- Logistics is used more broadly to refer to the process of coordinating and moving resources – people, materials, inventory, and equipment – from one location to storage at the desired destination. The term logistics originated in the military, referring to the movement of equipment and supplies to troops in the field.
- In present World scenario, online deliveries plays a crucial role in connecting all the business from big to small and the logistics companies are playing a great role in maintain this balance .
- This website tries to connect people of the lower tier as well as the individuals

  We render our expertise in door to door ,imparting Rapid, Cost effective, Reliable and Time-definite delivery of parcels across different locations all over India.

Literature Survey

Literature Survey

Recently, the courier, express and parcel market (CEP) has developed dynamically worldwide. For example, in Poland, in the period 2000–2015, the number of registered courier operators increased by 1400%, while the volume of deliveries and revenue grew at double-digit pace .

[5]Although courier services stand at the juncture of logistics and postal services, they have characteristic features, which differentiate them, for example, the specified delivery time with an accuracy to an hour, money back guarantee, receipt of the shipment, delivery to the addressee in door-to-door system the ability to track the shipment in the tracking-tracing system, the role of specific messenger courier.

[5]Based on the literature overview and web-sites of courier companies, criteria of service quality were elaborated:

-> Time of Delivery
-> Service Price
-> flexibility
-> Comprehensive Service
->Trust
-> Modern Technology

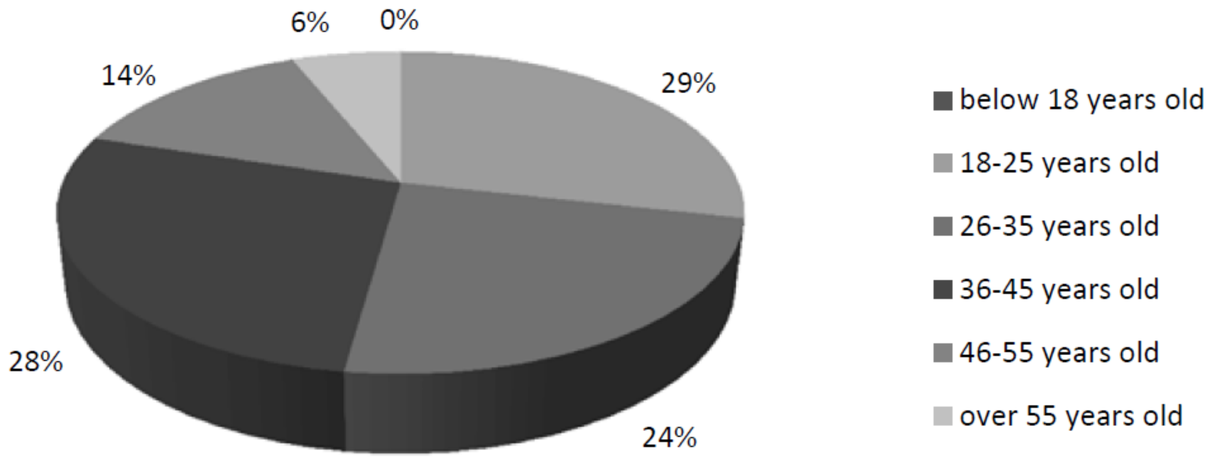


Fig. 1. Age of respondents [%]

Web Dev TOOLS Used These Days

Web Application Frameworks [2]

DJANGO

ANJULAR

REACT

VUEJS

Includes :-

HTML
CSS
JAVASCRIPT [1,3]

Back End [4]

DJANGO

NODEJS

PHP

Ruby on Rails

Databases

MONGODB

MYSQL

What to use?

RESEARCH GAPS

- NO Effective Door to Door Parcel Deliveries Available.

- Sending a Parcel Not so Easy .

- Lack of Logistics services for small business and start ups.

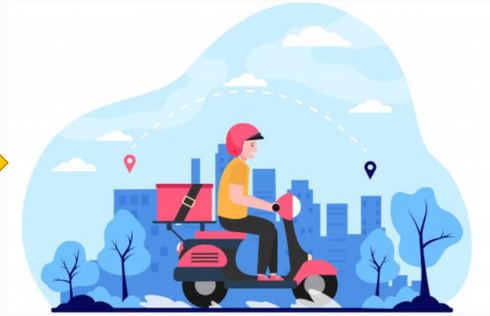
OBJECTIVES

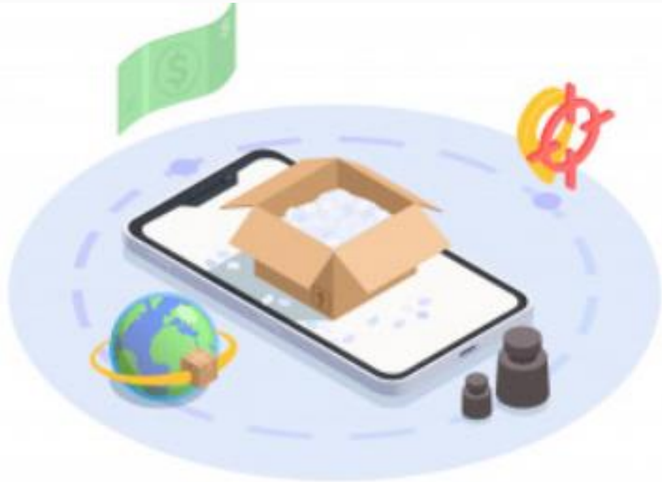
- **To Create a website tailored with the unique needs of the modern logistics.**
  - Starting from the delivery categories to the checkout process , the focus is on the ease and distintive and engaging website that works everywhere
- **Enlist Options on the Website**
  - To include the google analytics and e-commerce tracking to check which services the customer are preferring the most and expand the websites
- **Design a Responsive Website**
  - The aim is to build a website that includes all the essential features and its super-handy and easy to work with including the payments and customer security

METHODOLOGY

Methodology

How it Works?



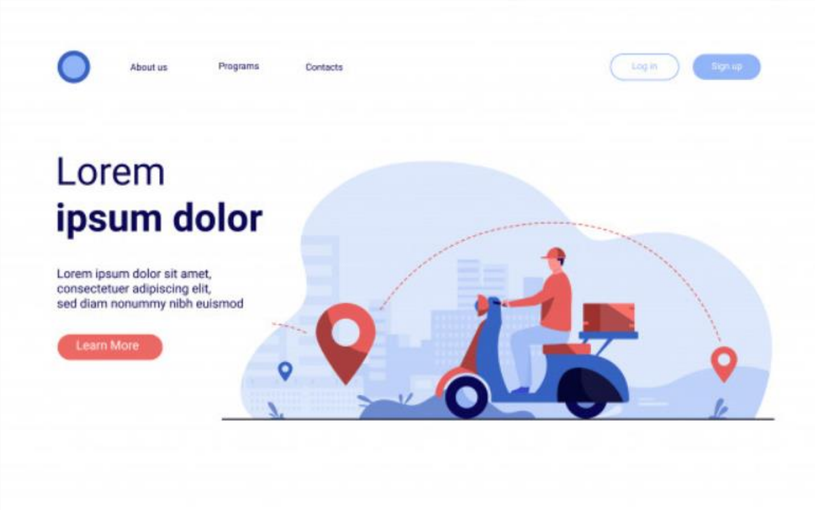


How this Website Works?

Customer Interface Interface

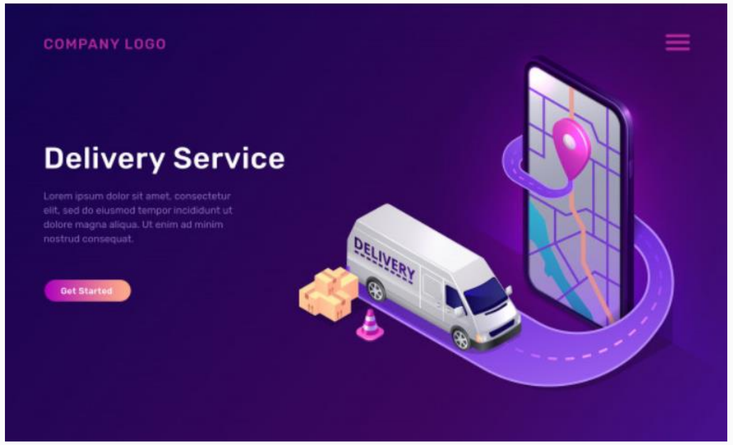
1. Home
2. Contact us
3. Track Feature
4. Place a Courier option
5. Manage Order History in My space

Pick Guy Interface



1. Home
2. Contact us
3. Orders Assigned to pick/ deliver
4. Check Done and pending tasks

Admin



1. Contains records of both interface
2. Assigns orders to free and ne guys
3. Connects the whole system

Methodology

How to execute ?

Research

- Specification finalize
- Target market research
- Setting up strategies for client goals
- In depth scope of project

Planning

- Determining main goals
- Preparing wireframes
- Determining website flow

Web Design

- Determining and finalizing graphical theme of website and web application
- Layout and structural design
- Creating all graphical elements

Front End Development

- Coding of web pages
- Integration of front end technologies
- Add text here

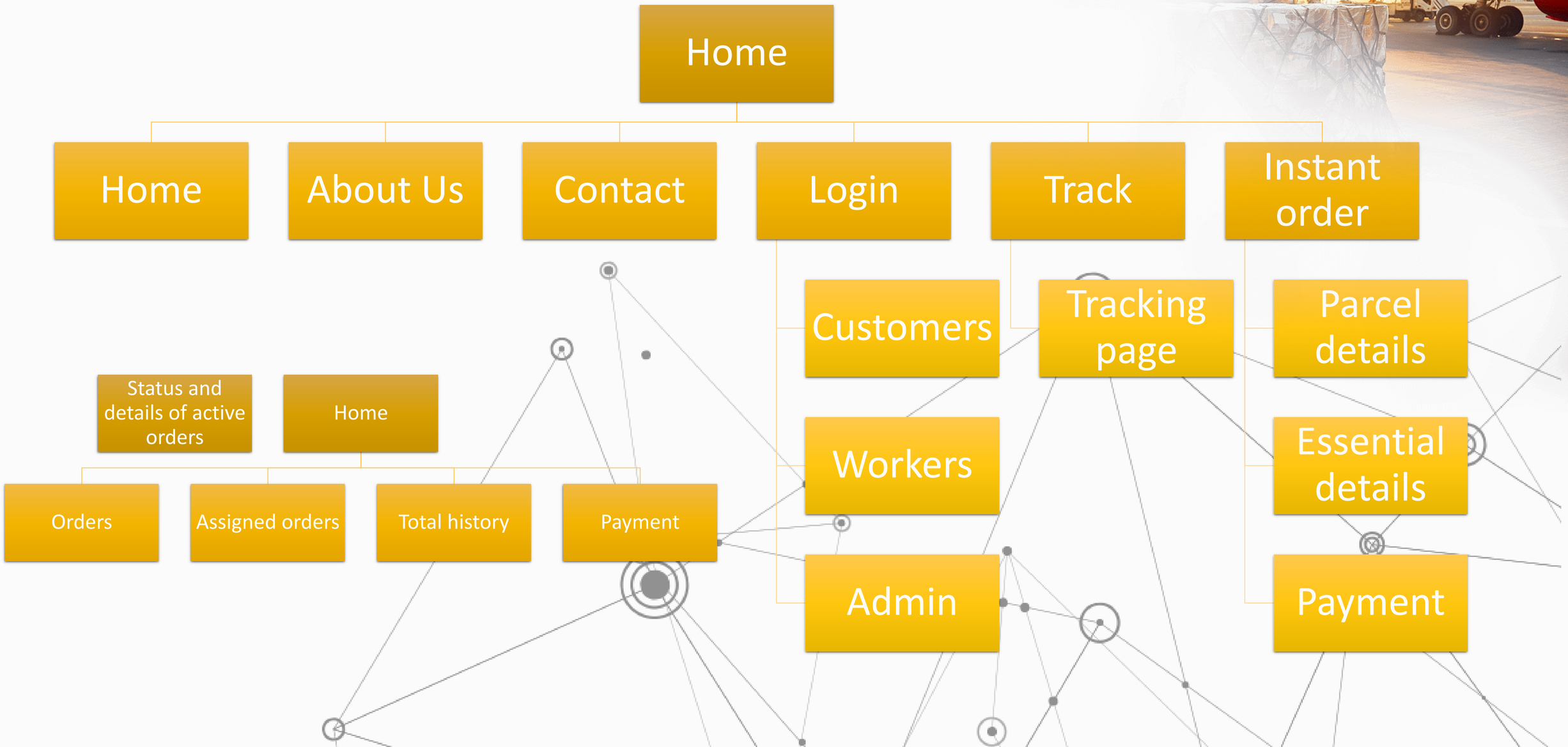
Back End Development

- Integration of databases
- Integration of ecommerce features like checkout, shopping cart and checkout
- Application programming

Quality Assurance

- Configuration and setup
- Testing to ensure no errors
- Migration to live server

Flow of Website



Methodology

Front End Requirements:

1. HTML
2. SASS AND CSS
3. JAVASCRIPT
4. JQUERY

Hosting Requirements:

1. Using Heroku App
2. Google Analytics for analysis

Back End Requirements:

1. Nodejs
2. NPM modules
3. Mongodb
4. Express

PROGRESS

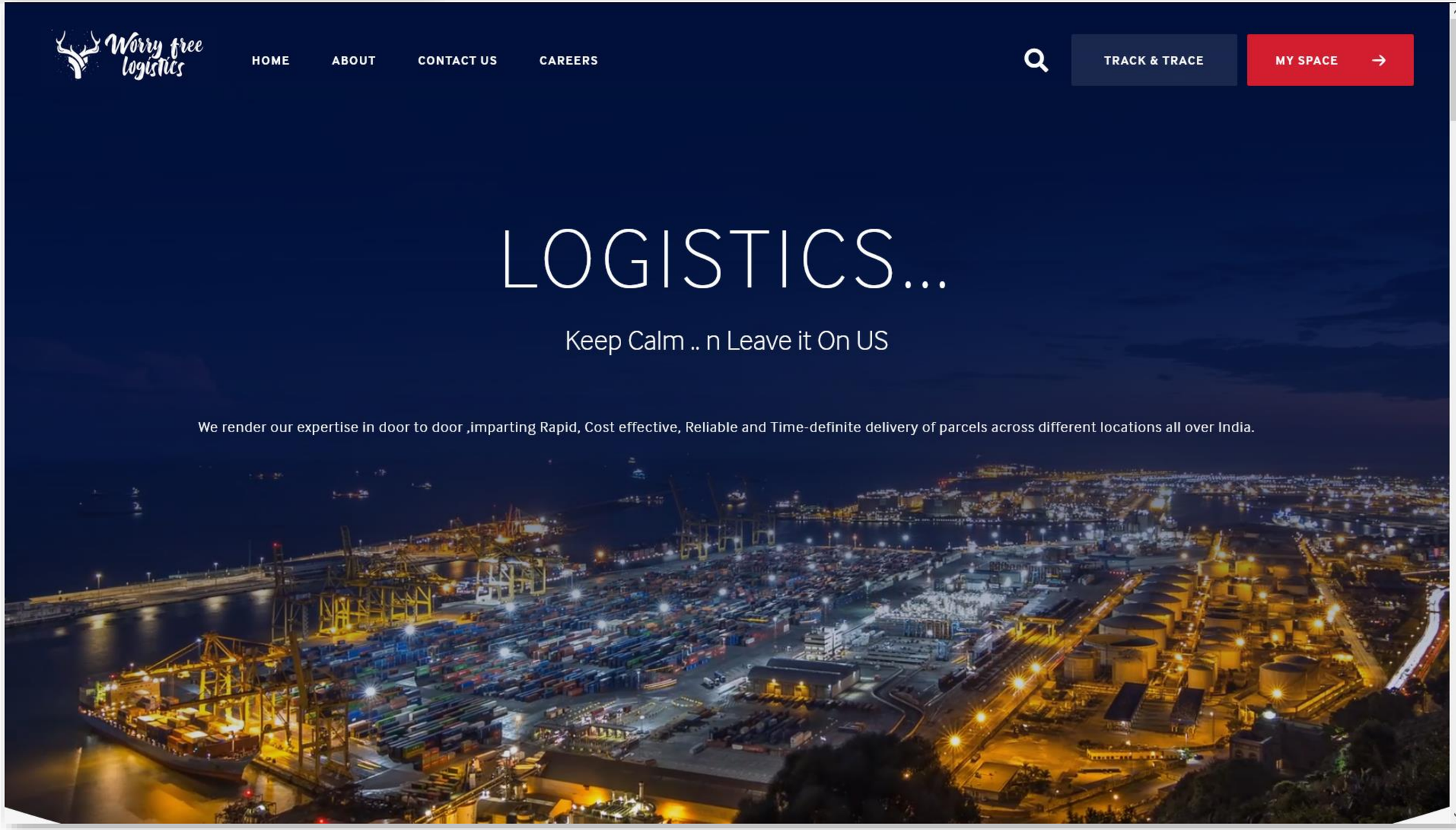
DONE

- **Plan design**
  - How it will operate
  - what features to add
  - Target the area of the project
- **Front End Development**
  - The customer end
  - The delivery end
  - The admin end
- **Back End Development**
  - Creating Database
  - Creating Http Server
  - Connecting Payment and security features

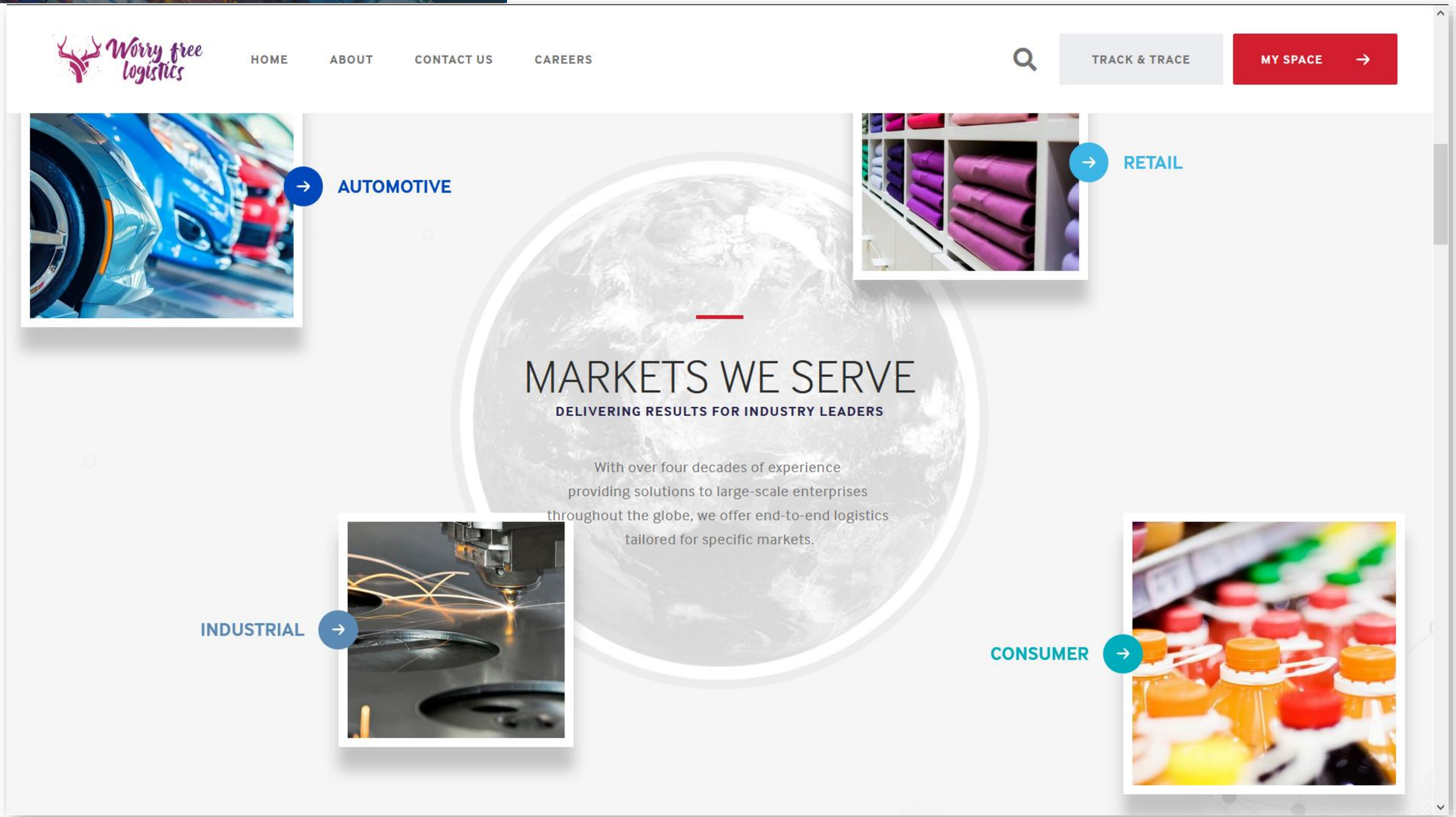
TO DO

- **Hosting the Site**
  - Using the Heroku App

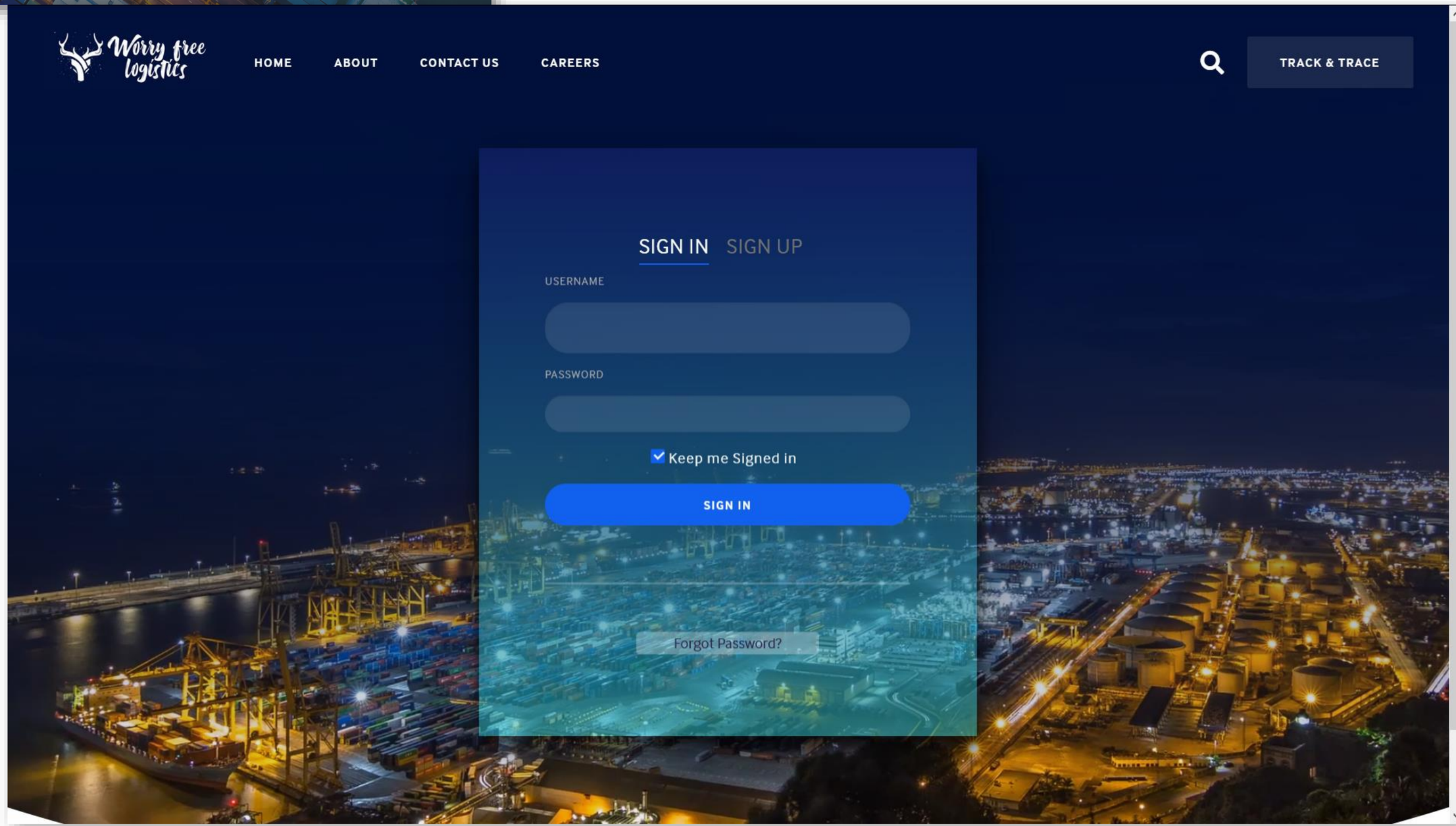
PROGRESS


Worry free logistics
HOME
ABOUT
CONTACT US
CAREERS
TRACK & TRACE
MY SPACE
LOGISTICS...
Keep Calm .. n Leave it On US
We render our expertise in door to door ,imparting Rapid, Cost effective, Reliable and Time-definite delivery of parcels across different locations all over India.

PROGRESS


Worry free logistics
HOME
ABOUT
CONTACT US
CAREERS
TRACK & TRACE
MY SPACE
AUTOMOTIVE
RETAIL
MARKETS WE SERVE
DELIVERING RESULTS FOR INDUSTRY LEADERS
With over four decades of experience providing solutions to large-scale enterprises throughout the globe, we offer end-to-end logistics tailored for specific markets.
INDUSTRIAL
CONSUMER

PROGRESS


Worry free logistics
HOME
ABOUT
CONTACT US
CAREERS
TRACK & TRACE
SIGN IN
SIGN UP
USERNAME
PASSWORD
Keep me Signed in
SIGN IN
Forgot Password?

PROGRESS

Worry free logistics

HOME ABOUT CONTACT US CAREERS

TRACK & TRACE

MY SPACE →

TRACK A SHIPMENT

Select Tracking Type *

Select Tracking Type:

Enter your reference number for full visibility

Example: SIN123456

START TRACKING →

PICK-UP REQUEST

*Name

*Address

--- Select your city * ---

--- Select your state *---

*Pincode

*Telephone No

*Mobile No

*EmailID

Shipment Information

Express Distribution - Air | Surface | Rail

--Select Service--

--Shipment Information --

Shipment Weight (in KGs)

-- Select Your Origin --

--- Select Your Destination * ---

Shipment Date

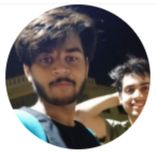
SUBMIT PICKUP REQUEST

PROGRESS

HOME

HOME
PROFILE
YOUR DELIVERY
SETTINGS

Your Dashboard



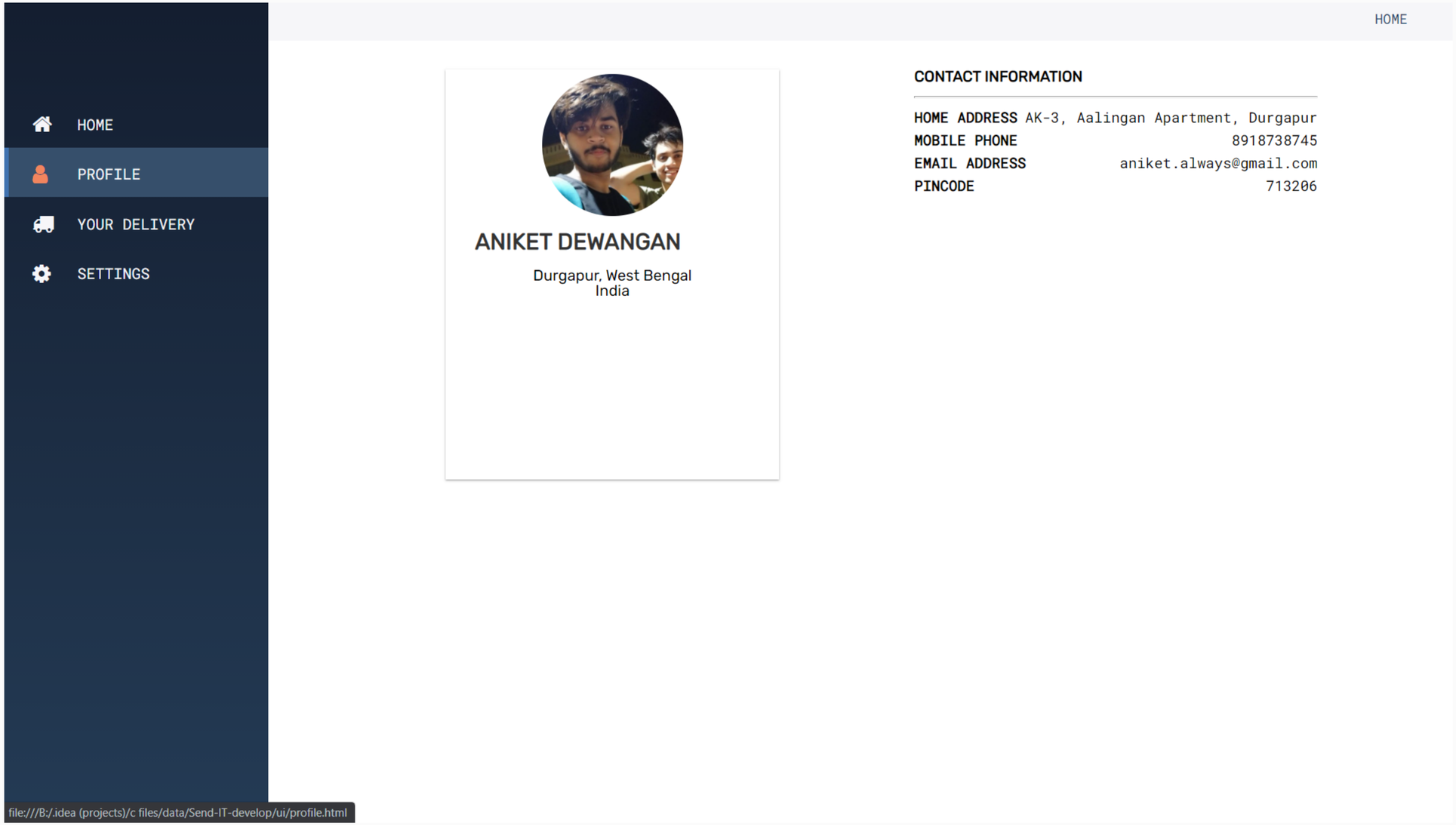
Aniket Dewangan
Durgapur, **West Bengal India**

DELIVERY STATISTICS

1 DELIVERED 3 PENDING

PARCEL ID	PARCEL WEIGHT	PICKUP LOCATION	DESTINATION	STATUS
SIN83621	.5kg	AK-3, Aalingan Apartment, Durgapur	Kalyan	Delivered
SIN23142	2kg	AK-3, Aalingan Apartment, Durgapur	Nagpur	Pending
SIN12346	1kg	AK-3, Aalingan Apartment, Durgapur	Gaziabad	Pending
SIN32523	8kg	AK-3, Aalingan Apartment, Durgapur	Kolkata	Pending

PROGRESS


HOME
HOME
PROFILE
YOUR DELIVERY
SETTINGS
ANIKET DEWANGAN
Durgapur, West Bengal
India
CONTACT INFORMATION
HOME ADDRESS AK-3, Aalingan Apartment, Durgapur
MOBILE PHONE 8918738745
EMAIL ADDRESS aniket.always@gmail.com
PINCODE 713206
file:///B:/.idea (projects)/c files/data/Send-IT-develop/ui/profile.html

PROGRESS

HOME

- HOME
- PROFILE
- YOUR DELIVERY
- SETTINGS

ALL DELIVERIES

PARCEL TITLE	
Destination	Sabo Yaba, Lagos
Status	pending
Current location	Iyanu Ipaja

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Destination	Sabo Yaba, Lagos
Status	pending
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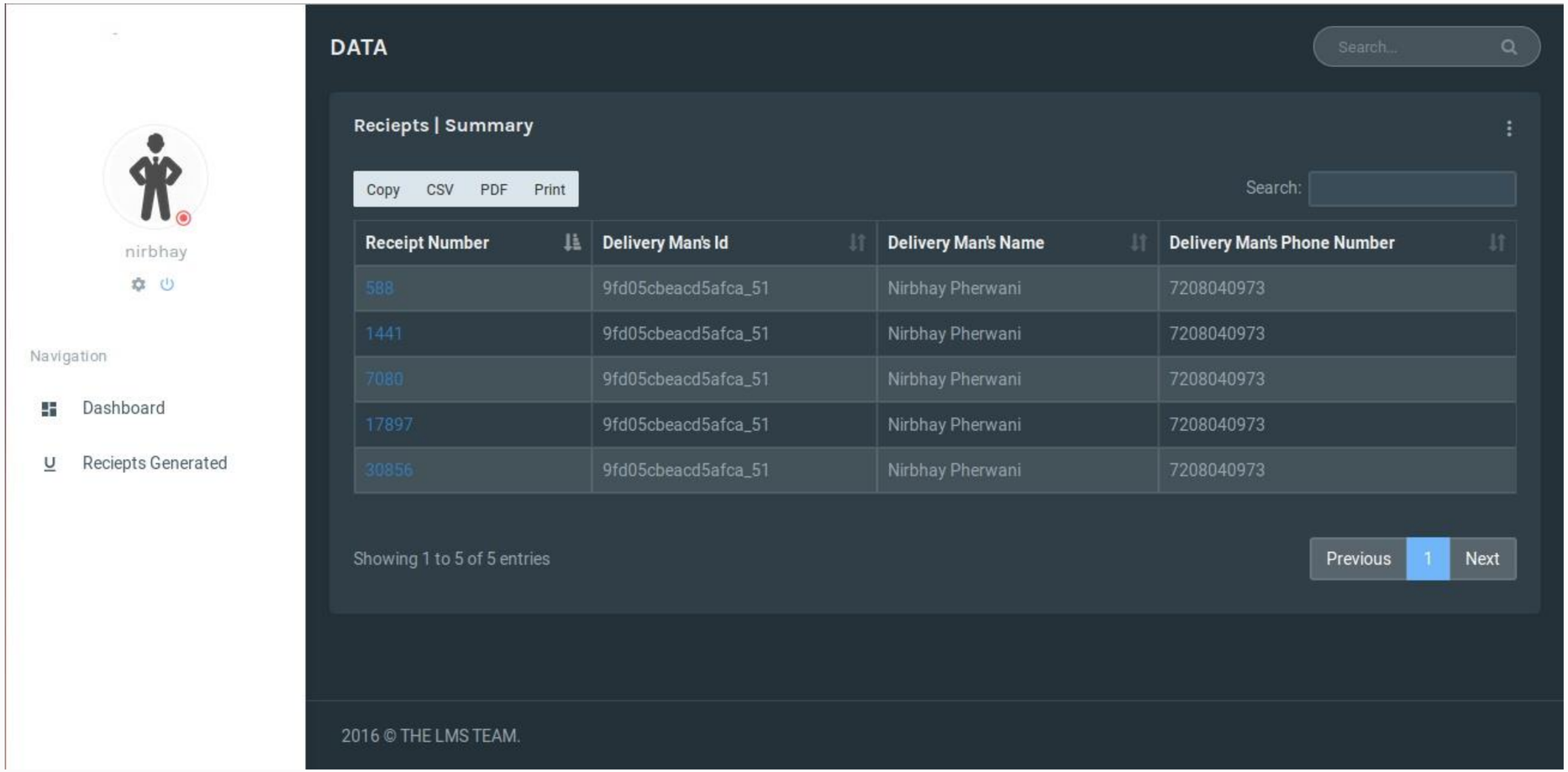
PROGRESS


DATA
Search...
nirbhay
Navigation
Dashboard
Reciepts Generated
Reciepts | Summary
Copy CSV PDF Print
Search:
Receipt Number
Delivery Man's Id
Delivery Man's Name
Delivery Man's Phone Number
588 9fd05cbeacd5afca_51 Nirbhay Pherwani 7208040973
1441 9fd05cbeacd5afca_51 Nirbhay Pherwani 7208040973
7080 9fd05cbeacd5afca_51 Nirbhay Pherwani 7208040973
17897 9fd05cbeacd5afca_51 Nirbhay Pherwani 7208040973
30856 9fd05cbeacd5afca_51 Nirbhay Pherwani 7208040973
Showing 1 to 5 of 5 entries
Previous 1 Next
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CONCLUSION

- To create a website for a logistics firm.
- The website includes all features Required for a courier services.
- The motto of this project is to create a platform for easier courier and logistics deliveries.
- Which includes the door to door deliveries from individual as well as small business firms who wish to continue their services in this pandemic.
- Including that the platform must be safe n secure and easy updations on the orders.

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THANK YOU