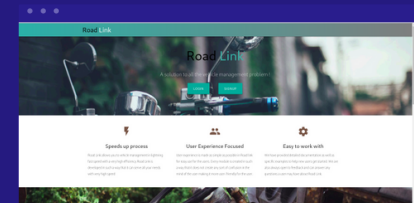


# Road Link




# Vehicle Management

We have built this project using django as backend and sqlite3 as the database. This project has mainly 5 sections Login/Signup,Dashboard,Vechicle,Driver,Booking,Repair,Report which is explained in the coming slides in detailed.



## Login/Signup

User can signup/login to the portal with these page. It take in necessary fields required for the user details



Username

---

First Name


---

Last Name

---

Email

---



Username

---

Password

---

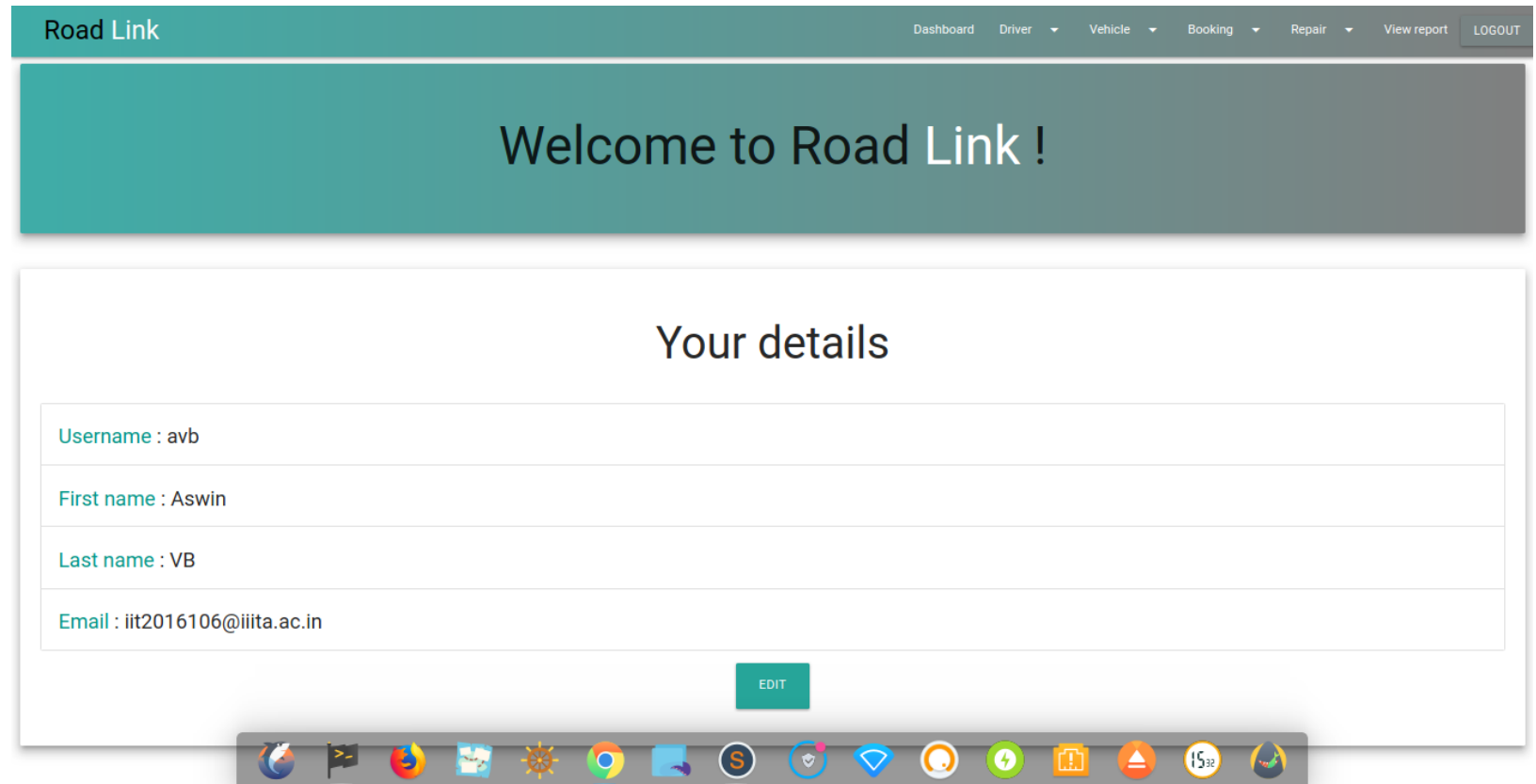
☐ Remember me

LOGIN

[Register Now!](#) [Forgot password ?](#)

## Dashboard

This is the dashboard in which you can view your details is shown and the user can edit the details.



## Driver

Driver Section has two pages , one is to add a driver and the other is to view the list of drivers available. This section is only visible for the users which have admin access. The Driver list have the features to search and sort list according to the fields.

Road Link

DashboardDriverVehicleBookingRepairView reportLOGOUT

Add Driver

FirstName:

LastName:

NationalId:

Address:

Email:

PhoneNumber:

LicenseCategory:

ADD

Road Link

DashboardDriverVehicleBookingRepairView reportLOGOUT

Drivers

Show 10 entries

Search:

First Name	Last Name	National ID	Email	Contact	License Category	Address	Delete	Edit
Aswanth	K	ID03	iit2016104@iitita.ac.in	8842165878	Heavy	Address	DELETE	EDIT
Aswin	VB	ID02	iit2016106@iitita.ac.in	246091	Light	Address	DELETE	EDIT
Druval	CR	ID01	bim2016501@iitita.ac.in	2461091	Heavy	Address	DELETE	EDIT

Showing 1 to 3 of 3 entries

## Vehicles

In this section there are two pages one is to add vehicle and the other to list the vehicles owned by the user. In the vehicle list page the user can view individual details , edit the details and delete the vehicle.

Road Link

DashboardDriverVehicleBookingRepairView reportLOGOUT

Add Vehicle

Cost per km:  
0

Price:  
0

Registration plate:

No of km travelled:  
0

Mileage:  
0

Vehicle type:  
Passenger

Fuel type:  
Petrol

Insurance status:  
Not Updated

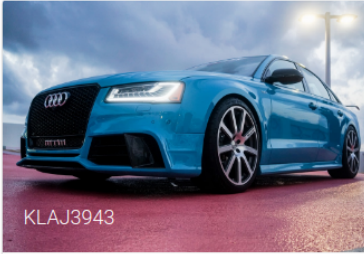
Image:  No file chosen

ADD

Road Link


DashboardDriverVehicleBookingRepairView reportLOGOUT

Vehicles




KLAJ3943

MORE DETAILSDELETEEDIT




KL11K109345000 TB

MORE DETAILSDELETEEDIT



KUL08915

MORE DETAILSDELETEEDIT



KL98AL251

MORE DETAILSDELETEEDIT

## Booking

Booking section has four pages one is the form to book a trip the second one is the success page where the booking details including the distance, cost, duration is displayed using google maps api. In the success page you have an option to pay which will take you into the payment page.

Road Link

DashboardDriverVehicleBookingRepairView reportLOGOUT

Book A Trip

Source:

Destination:

Startdate:  
dd/mm/yyyy

Enddate:  
dd/mm/yyyy

SecurityDeposit:

DiscountId:

Vehicle:  
\*\*\*\*\*

BOOK

Road Link

DashboardDriverVehicleBookingRepairView reportLOGOUT

Your booking details

Name	avb
Source	Kozhikode
Destination	Delhi
Total Distance	2531 Km
Total Duration	1 day 18 hours
Cost	Rs.40496
Vehicle	KLAJ3943
Start Date	Nov. 30, 2018, midnight
End Date	Dec. 16, 2018, midnight
Discount ID	ID12
Status	NB
Booking Date	April 18, 2018, 10:14 a.m.

PAY RS.40496

## Booking-cont

Payment page lets you enter the card details to pay .

There a page to display all the bookings made by the user wherein the user can search for the bookings.

The admin will have another option which is to confirm the booking and a driver will be allotted and a mail will be send to the user saying the mail is confirmed

Road Link

DashboardDriverVehicleBookingRepairView reportLOGOUT

Enter Card Details

Card Number

1234554555555555

Card Holder's Name

ASWIN VB

Valid Till

06 / 21

CVV

152

PAY

1234 5545 5555 5555

Card Holder: ASWIN VBValid Till: 06 / 21

Road Link

DashboardDriverVehicleBookingRepairView reportLOGOUT

Your Bookings

Show 10 entries

Search:

Username	Status	Start Date	End Date	Source	Destination	Distance	Duration	Delete	Change Status	Map
avb	NB	Nov. 30, 2018, midnight	Dec. 16, 2018, midnight	Kozhikode	Delhi	2531.00	1 day 18 hours	DELETE	BOOK	MAP
avb	NB	Nov. 28, 2018, midnight	Dec. 31, 2018, midnight	Alappuzha	Kozhikode	234.00	6 hours 4 mins	DELETE	BOOK	MAP
avb	E	Oct. 28, 2017, midnight	Nov. 30, 2017, midnight	Kozhikode	Delhi	2531.00	1 day 18 hours	DELETE	BOOK	MAP

Showing 1 to 3 of 3 entries



# Booking-cont

The map option in the booking list page displays the route using google maps api. When the admin confirms the booking a confirmation mail will be send to the user.

Road Link

DashboardDriverVehicleBookingRepairView reportLOGOUT

Show10▼ entries

Search:

Username	Status	Start D
avb	NB	Nov. 30,
avb	NB	Nov. 28,
avb	E	Oct. 28,

Showing 1 to 3 of 3 entries

The route

Kozhikode, Kerala

New Delhi, Delhi

More options

56 h2,784 km

54 h2,593 km

CLOSE

Change Status

BOOKBOOKBOOK

Map

MAPMAPMAP

RoadLink

✓

Your Booking is Confirmed!

See your Booking

TOTAL

Rs7984880238.0

Driver Details

Name :Druvalcherukutti

Contact :0200121212

## Repair

The repair section has two page , one for reporting the issue and another page to show the issues made by the user . In the issues page the admin has an option to solve the issue made by all the users.

Road Link

DashboardDriverVehicleBookingRepairView reportLOGOUT

Issue Registered

Register An Issue

Issue:

Vehicle:

-----

ADD

Road Link

DashboardDriverVehicleBookingRepairView reportLOGOUT

Issues

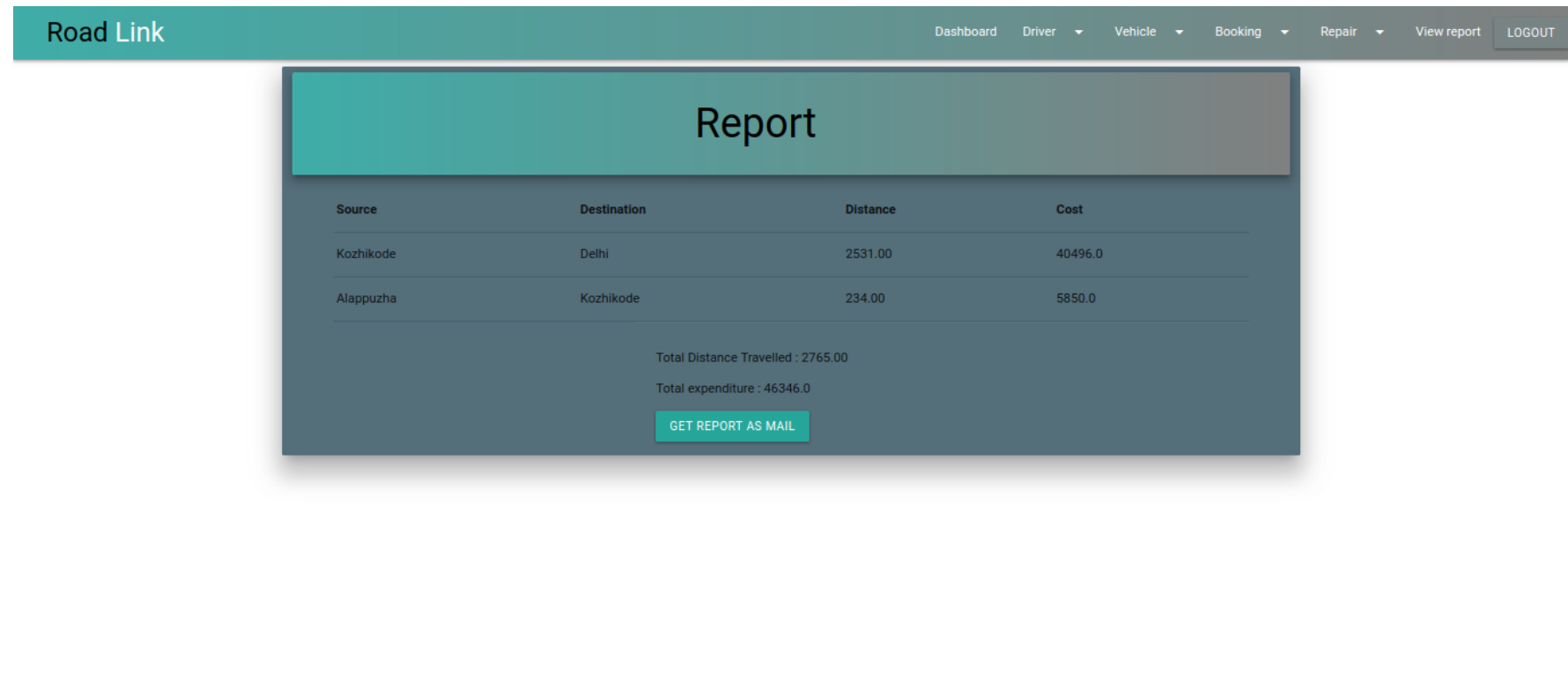
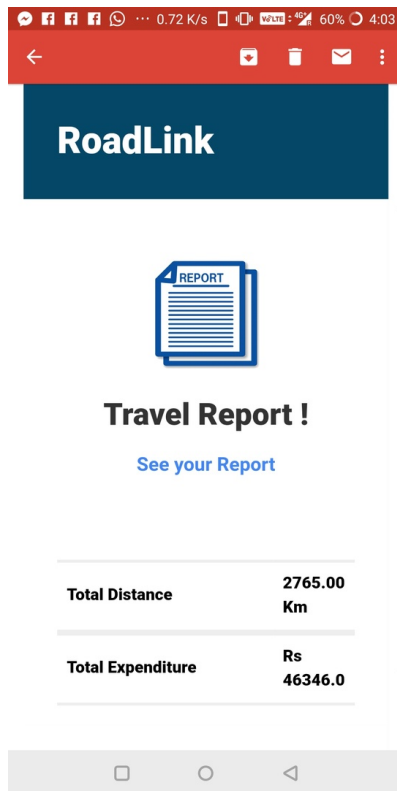
Show10▼entries

Search:

Showing 1 to 4 of 4 entries

## Report

Each user can have a report of the trips that he have made. There is an option to mail the user about the report for further use.

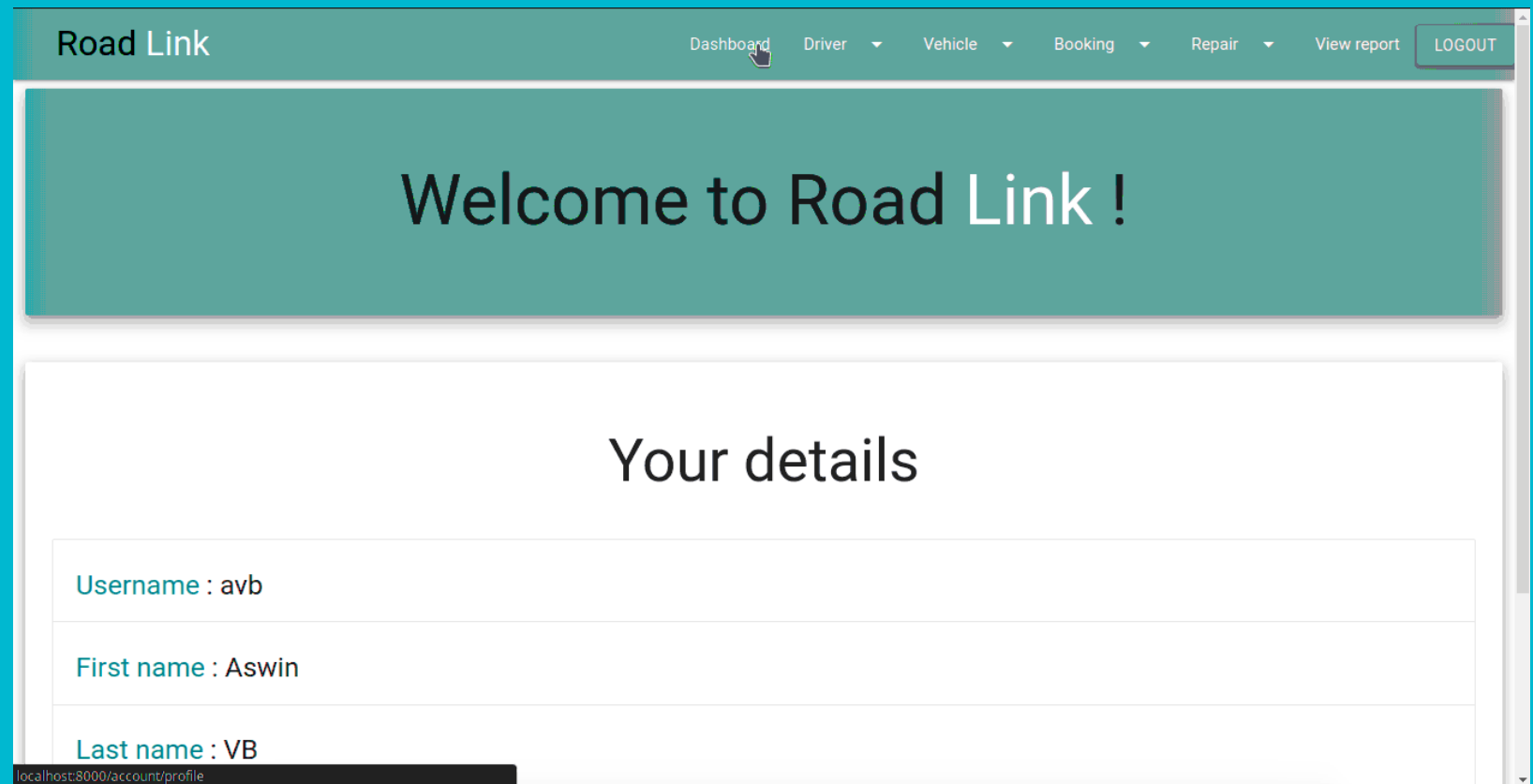


## Demo

Here is the live demo of  
our project.  
Quality of gif is bit low



Drive Link :  
<https://goo.gl/2LYnVp>



# Tables

# Vehicle Table

- Owner
- Cost per KM
- Price
- Registration Plate
- Vehicle Status
- Insurance Status
- Total KM travelled
- Fuel Type
- Mileage
- Vehicle Type
- Image

Road Link

DashboardDriverVehicleBookingRepairView reportLOGOUT

Add Vehicle

Cost per km:  
0

Price:  
0

Registration plate:

No of km travelled:  
0

Mileage:  
0

Vehicle type:  
Passenger

Fuel type:  
Petrol

Insurance status:  
Not Updated

Image: Choose file No file chosen

Add

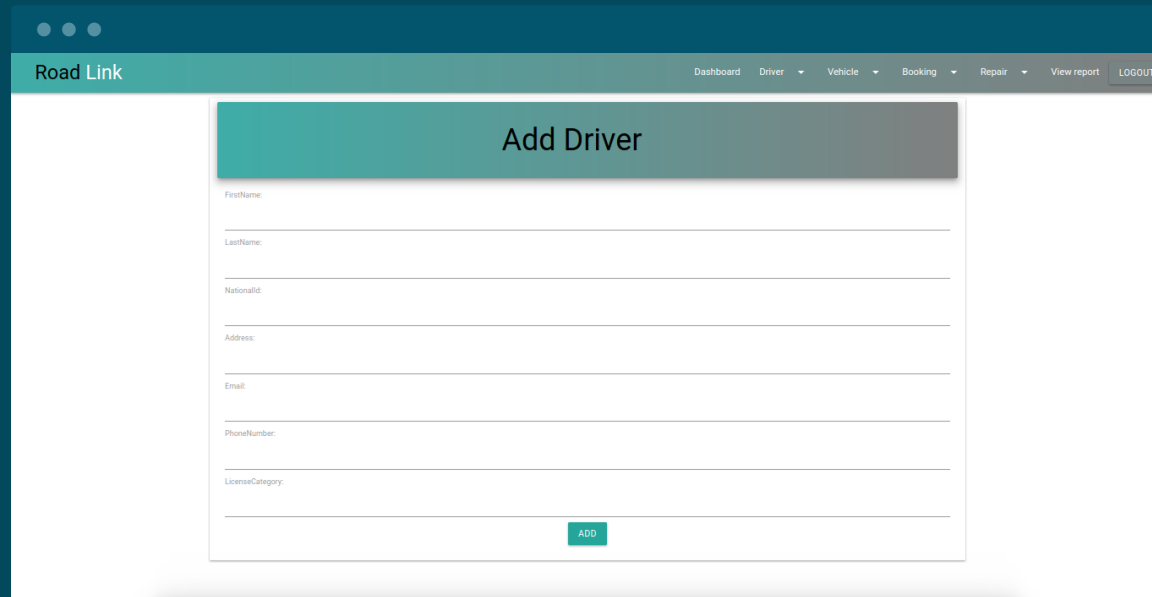
# Repair Table

- Registered Date
- Registered User
- Vehicle
- Mileage
- Issue

The screenshot displays a web application interface for 'Road Link'. At the top, there is a navigation bar with the title 'Road Link' and a menu containing 'Dashboard', 'Home', 'Vehicle', 'Routing', 'Repair', 'View Report', and 'Logout'. Below the navigation bar, a light green banner reads 'Issue Registered'. The main content area features a form titled 'Register An Issue'. This form includes three input fields: 'Email', 'Vehicle', and 'Mileage'. A green 'Add' button is positioned at the bottom right of the form.

## Driver Table

- First Name
- Last Name
- National ID
- Address
- Email
- Phone Number
- License Category



The screenshot displays a web application interface for adding a driver. The top navigation bar is teal and contains the text "Road Link" on the left and a series of links on the right: "Dashboard", "Driver" (with a dropdown arrow), "Vehicle" (with a dropdown arrow), "Booking" (with a dropdown arrow), "Repair" (with a dropdown arrow), "View report", and a "LOGOUT" button. Below the navigation bar, a large teal header box contains the text "Add Driver". Underneath this header is a form with several input fields, each with a label: "FirstName:", "LastName:", "NationalId:", "Address:", "Email:", "PhoneNumber:", and "LicenseCategory:". At the bottom right of the form is a teal button labeled "ADD".



## Booking Table

- Source
- Destination
- Distance
- Booking Date
- Start Date
- End Date
- Security Deposit
- Allotted User
- Allotted Driver
- Vehicle
- Cost
- Duration

The screenshot shows a web application interface for booking a trip. The top navigation bar is teal with the text "Road Link" on the left and a series of links on the right: "Dashboard", "Driver" (with a dropdown arrow), "Vehicle" (with a dropdown arrow), "Booking" (with a dropdown arrow), "Repair" (with a dropdown arrow), "View report", and "LOGOUT". Below the navigation bar, the main content area has a white background. On the left side of this area is a large, empty white rectangle. On the right side is a form titled "Book A Trip" in a teal header. The form contains several input fields with labels: "Source:", "Destination:", "Startdate:" (with a placeholder "dd/mm/yyyy"), "Enddate:" (with a placeholder "dd/mm/yyyy"), "SecurityDeposit:", "DiscountId:", and "Vehicle:" (with a dropdown arrow). A green "BOOK" button is located at the bottom right of the form.

Book A Trip

Source:

Destination:

Startdate:  
dd/mm/yyyy

Enddate:  
dd/mm/yyyy

SecurityDeposit:

DiscountId:

Vehicle:

BOOK

# Thank You

Group 20

- Aswin VB
- Aswanth K
- Druval CR