



PUBLIC TRANSPORT AND OPTIMIZATION

Phase -4

Web platform to display realtime data

- Technologies Used:

- ✓ HTML

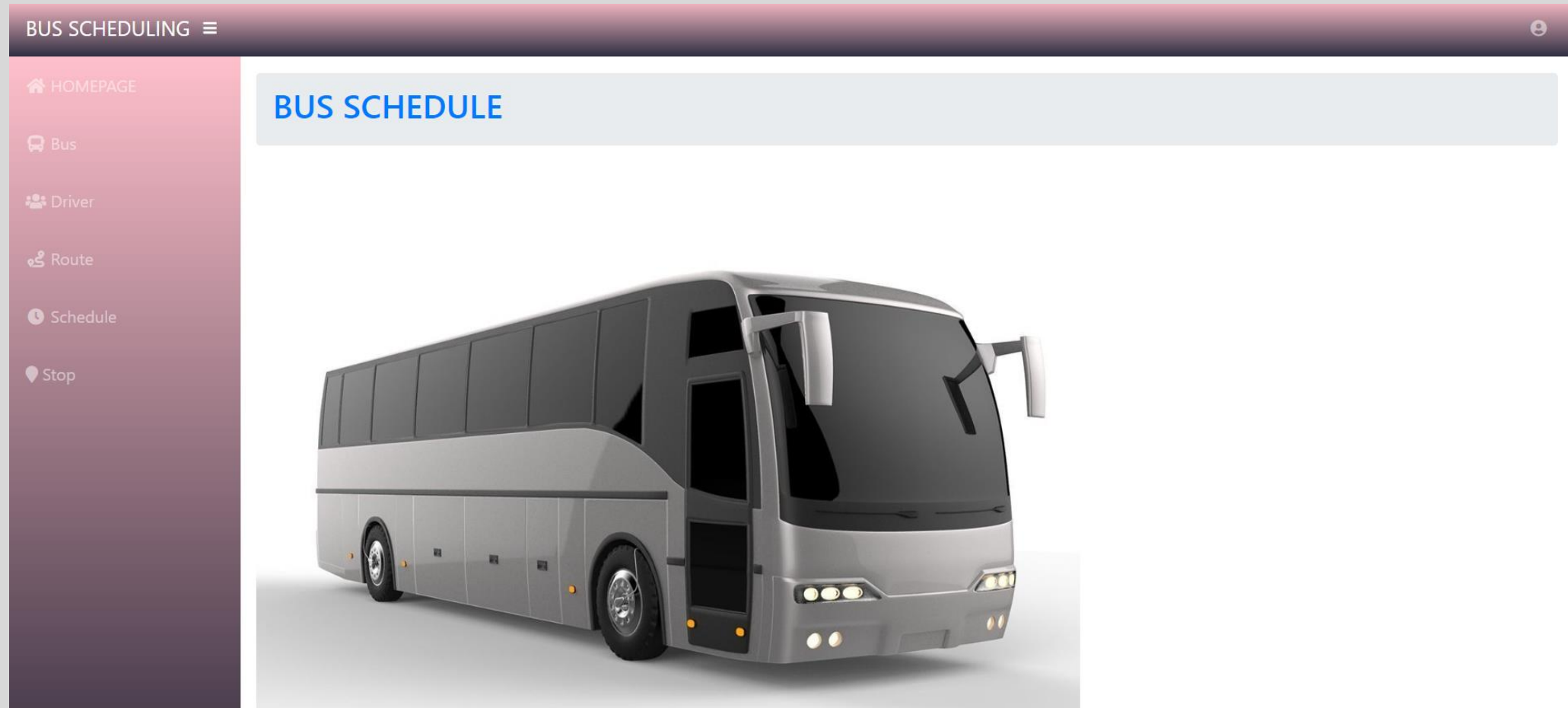
- ✓ CSS

- ✓ JAVA SCRIPT

- ✓ ANGULAR FRAMEWORK

- ✓ My SQL

Web platform opening screen



BUS DETAILS

BUS SCHEDULING

HOMEPAGE

Bus

Driver

Route

Schedule

Stop

Show10entries

Search:

Bus Name	Bus Type	Driver ID
AIRCON 1	Kartons	43
AIRCON 99	Karton	666
airconzion	zion	222
Karito		

Showing 1 to 4 of 4 entries

Copyright © Your Website 2018

1

Bus Driver Details

BUS SCHEDULING

HOME PAGE

Bus

Driver

Route

Schedule

Stop

Show 10 entries

Search:

Driver Name	Employ Date
BADONG	2018-11-09
Bebot Baja	2019-02-02
DAROY	2018-05-15
Kanor	2018-06-16
Mon	2018-10-01
Von	2018-10-17

Showing 1 to 6 of 6 entries

Previous1Next

Copyright © Your Website 2018

Bus Route Details

BUS SCHEDULING

HOME PAGE

Bus

Driver

Route

Schedule

Stop

Show10entries

Search:

Fair	Start	Finish
300	BINALBAGAN	HINIGARAN
559	dumaguete	binalbagan
1500	BACOLOD	ILO-ILO
1555	CHMSC	GREENHOUSE

Showing 1 to 4 of 4 entries

Previous

1

Next

Bus Timing Details

BUS SCHEDULING			
<div><div>HOME PAGE</div><div>Bus</div><div>Driver</div><div>Route</div><div>Schedule</div><div>Stop</div></div>			
	Arrival	Departure	Bus ID
	2018-10-04	2018-10-04	12
	2018-10-09	2018-10-10	2
	2018-12-05	2018-10-06	3
	2018-08-05	2018-08-06	4
	2018-11-02	2018-11-02	5
	2018-11-05	2018-10-04	444
	2018-02-03	2018-03-03	8787
	2017-09-11	2017-09-11	555
Copyright © Your Website 2018			

Bus Stopping Area..

BUS SCHEDULING

HOME

BUS

DRIVER

ROUTE

SCHEDULE

STOP

Table

Showing 1 to 4 of 4 entries

Previous

1

Next

Search:

10 entries

Location Name	Route ID
Bacolod	23
candonis	57
Himamaylan	3
Iacarlota	4

Copyright © Your Website 2018

Moblle app for python code

```
import 'package:flutter/material.dart';  
import 'package:http/http.dart' as http;  
import 'dart:convert';  
void main() => runApp(MyApp());
```

```
class MyApp extends StatelessWidget {  
  @override  
  Widget build(BuildContext context) {  
    return MaterialApp(  
      home: VehicleLocations(),  
    );  
  }  
}  
  
class VehicleLocations extends StatefulWidget {  
  @override  
  _VehicleLocationsState createState() => _VehicleLocationsState();  
}  
  
class _VehicleLocationsState extends State<VehicleLocations> {  
  String locationData = "";  
  
  Future<void> fetchVehicleLocations() async {  
    final response = await http.get('http://your-python-server-url/get_vehicle_location?vehicle_id=bus1');  
  
    if (response.statusCode == 200) {  
      setState(() {  
        locationData = json.decode(response.body).toString();  
      });  
    }  
  }  
  
  @override  
  Widget build(BuildContext context) {  
    return Scaffold(  
      appBar: AppBar(  
        title: Text('Public Transport Optimization App'),  
      ),  
      body: Center(  
        child: Column(  

```

```
children: <Widget>[  
  ElevatedButton(  
    onPressed: fetchVehicleLocations,  
    child: Text('Get Vehicle Location'),  
  ),  
  Text(locationData),  
],  
),  
),  
);  
}  
}
```

THANK YOU

