To set Up the API The Environment used is NODE JS

You can download Node.js runtime from <https://nodejs.org/en/download/>

After installing this runtime

1. Look at the .env\_sample and replicate same for the .env File (I will send the Keys to you in a mail)
2. From Nodejs command, navigate to the project Folder and execute the command

Project path> node app

* This will start the server on the port 3000
* So the default url will be <http://localhost:3000>

1. Get any API testing tool eg POSTMAN <https://www.getpostman.com/downloads/>

* I have tried to add asimple Html Page to help in the testing but I think time is not at my side so is not complete the file is called Dashboard\_Interview.html in the project folder

Below are sample requests and responses, The URLs ends with the route Names

Invoices

Drivers

Trips

Riders

Drivers\_Available

Drivers\_Closer

Example below (remember to check on the Port

POST

[http://localhost:3000/drivers](http://localhost:1337/drivers)

Request Body

{

"Name":"New Savoiur Mensah",

"LocationCode":"SAV1234",

"Loc\_Discription":"Dodowa Pilla 2",

"Loc\_Latitude":"236",

"Loc\_Longitude":"9"

}

Response

{

"status": "success",

"message": "Driver Created successfully"

}

GET

URL <http://localhost:3000/invoices>

Response

"status": "success",

"message": "List of Invoices",

"InvoiceList": [

{

"InvoiceId": 1,

"TripId": 1,

"Amount": 100,

"Driver": "Godwin Mensah Kumash",

"Rider": "Savoiur Mensah",

"StartDateTime": "2019-09-27",

"EndDateTime": "2019-09-27",

"request": {

"type": "GET",

"url": "http://localhost:1337/Invoices/1"

}

}

]

GET

URL  [http://localhost:3000/riders](http://localhost:1337/riders)

Response

{

"status": "success",

"message": "List of Riders",

"RiderList": [

{

"RidersId": 1,

"Name": "Savoiur Mensah",

"request": {

"type": "GET",

"url": "http://localhost:1337/riders/1"

}

}

]

GET

URL  [http://localhost:3000/riders](http://localhost:1337/riders)

Response

{

"status": "success",

"message": "A particular Rider by supplying RiderId: 2",

"RidersId": {

"RidersId": 2,

"Name": "Godwin Mensah"

}

}

GET

[http://localhost:3000/drivers\_closer/11](http://localhost:1337/drivers_closer/11)

Response

{

"status": "success",

"message": "List of Drivers",

"DriverList": [

{

"DriversId": 36,

"Name": "New Savoiur Mensah",

"LocationCode": "SAV1234",

"Loc\_Discription": "Dodowa Pilla 2",

"Loc\_Latitude": 7,

"Loc\_Longitude": 9,

"Distance": 2234,

"request": {

"type": "GET",

"url": "http://localhost:1337/drivers/36"

}

}

]

GET

[http://localhost:3000/drivers](http://localhost:1337/drivers)

"status": "success",

"message": "List of Drivers",

"DriverList": [

{

"DriversId": 1,

"Name": "peter",

"LocationCode": "ASC1234",

"Loc\_Discription": "3",

"Loc\_Latitude": -2,

"Loc\_Longitude": -9,

"request": {

"type": "GET",

"url": "http://localhost:1337/drivers/1"

}

}

]

POST

[http://localhost:3000/drivers](http://localhost:1337/drivers)

Request Body

{

"Name":"New Savoiur Mensah",

"LocationCode":"SAV1234",

"Loc\_Discription":"Dodowa Pilla 2",

"Loc\_Latitude":"236",

"Loc\_Longitude":"9"

}

Response

{

"status": "success",

"message": "Driver Created successfully"

}

POST

[http://localhost:3000/riders](http://localhost:1337/riders)

Request Body

{

"RidersId":"2",

"DriversId":"11",

"Description":"NEW1234",

"Dest\_Latitude":"16",

"Dest\_Longitude":"4"

}

Response

{

"status": "success",

"message": "Trip created successfully"

}