



Sri Lanka Institute of Information Technology

B.Sc. Honors Degree in Information Technology

Specialized in Software Engineering

Final Examination
Year 3, Semester 1 (2021)

SE3040 – Application Frameworks

Final Paper Report

Student ID number: IT19070704

Name: Weerasinghe D.N.H

For Evaluations:

Marks Allocation	Marks
Implementation of User Interfaces - 24 marks	
Implementation of service endpoints. - 30 marks	
Implementation of the calculation service. - 24 marks	
Suitable technology selection (Student will be eligible for this mark if only he/she select the correct technologies for the different parts of the application). - 10 marks	
At least one-unit test for either part of the application (UI / services). - 5 marks	
Styling of the UI. - 2 marks.	
Coding standards and quality- 5 marks	

Comments:

Photograph of the Student ID



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STUDENT ID



Weerasinghe D.N.H

Reg. No: IT 19 **0707** 04

NIC No: **966710560V**

Date of Issue: **02-01-2019**


Director / Administration

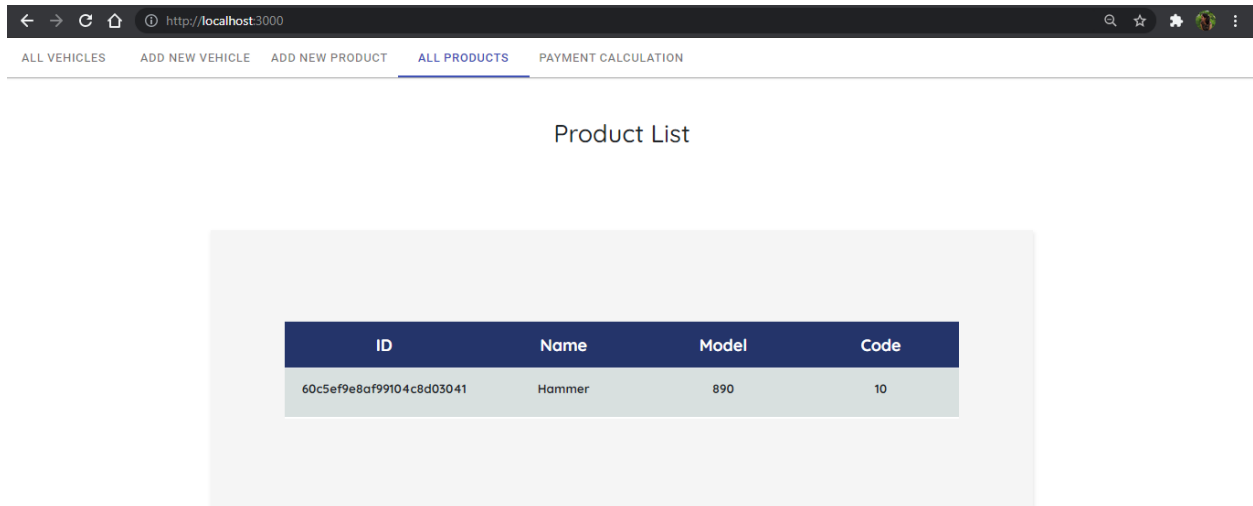
2019

found please return to SLIIT, New Kandy Road, Malabe.

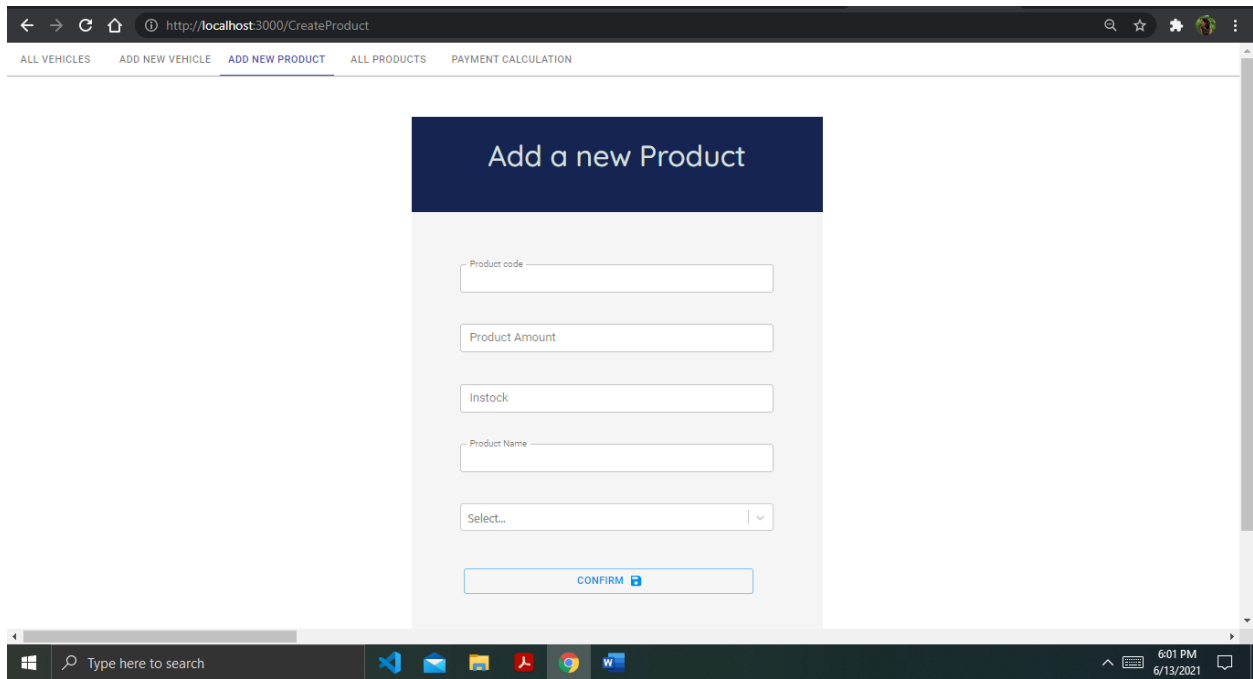
Screenshots of all user interfaces of the frontend application

<<< Insert all screenshots here... >>>

All Products



Add product



Add a Vehicle

← → ↻ 🏠 ⓘ http://localhost:3000/createVehicle 🔍 ☆ ⚙️ 👤 ⋮

ALL VEHICLES **ADD NEW VEHICLE** ADD NEW PRODUCT ALL PRODUCTS PAYMENT CALCULATION

Add a new Vehicle

Vehicle type

Vehicle owner

Vehicle description

CONFIRM 📄

localhost:3000/createVehicle

🏠 🔍 Type here to search

📄 📧 📁 📄 📄 📄 📄

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All Vehicles

← → ↻ 🏠 ⓘ http://localhost:3000/get 🔍 ☆ ⚙️ 👤 ⋮

ALL VEHICLES **ADD NEW VEHICLE** ADD NEW PRODUCT ALL PRODUCTS PAYMENT CALCULATION

Vehicle List

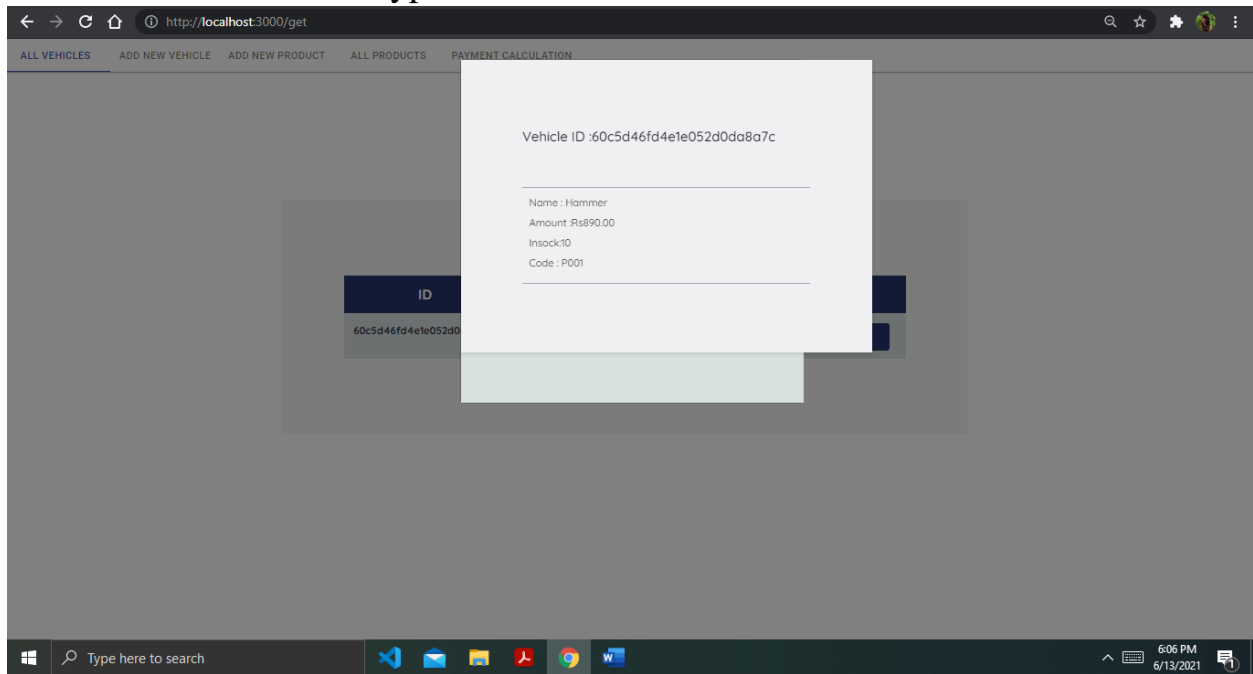
ID	Type	Owner	Description	
60c5d46fd4e1e052d0da8a7c	car	weerasinghe	new vehicle	details

🏠 🔍 Type here to search

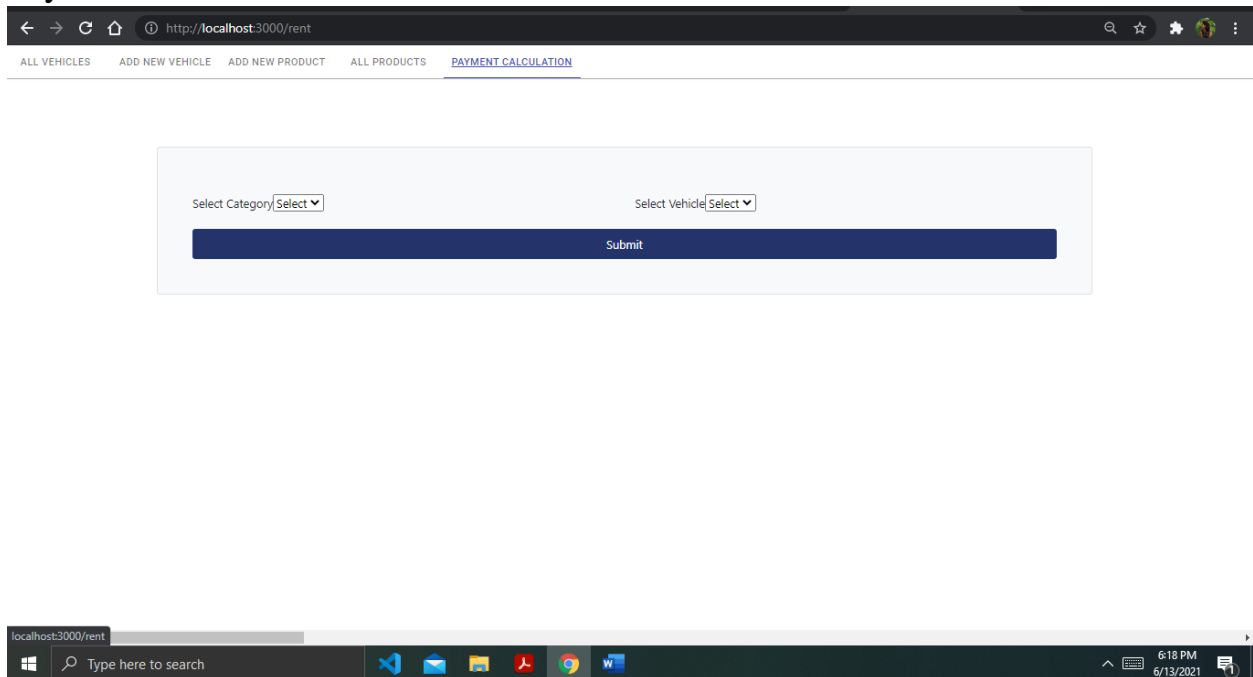
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Products in each vehicle type



Payment



Screenshots of all MongoDB collections

<<< Insert all screenshots here... >>>

Products collection

cloud.mongodb.com/v2/5f0b572f2d909d0af49b85b8#metrics/replicaSet/60aaafec07d01879142042a7/explorer/me/products/find

Nanduni's Org - 202... Access Manager Billing All Clusters Get Help Nanduni

conference

Network Access

Advanced

Namespaces

conference

me

my_content

products

vehicles

me.products

COLLECTION SIZE: 111B TOTAL DOCUMENTS: 1 INDEXES TOTAL SIZE: 36KB

Find Indexes Schema Anti-Patterns Aggregation Search Indexes

FILTER {"filter": "example"}

QUERY RESULTS 1-1 OF 1

```
{
  "_id": ObjectId("60c5ef9e8af99104c3d03041"),
  "vehicles": Array
    Code: "P001"
    Amount: 890
    Instock: 10
    Name: "Hammer"
}
```

System Status: All Good

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Feature Requests

Type here to search

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Vehicle collection

cloud.mongodb.com/v2/5f0b572f2d909d0af49b85b8#metrics/replicaSet/60aaafec07d01879142042a7/explorer/me/vehicles/find

Nanduni's Org - 202... Access Manager Billing All Clusters Get Help Nanduni

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Data Lake

SECURITY

Database Access

Network Access

Advanced

Namespaces

conference

me

my_content

products

vehicles

me.vehicles

COLLECTIONS: 14

+ Create Database

Find Indexes Schema Anti-Patterns Aggregation Search Indexes

FILTER {"filter": "example"}

Loading Documents ..

System Status: All Good

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