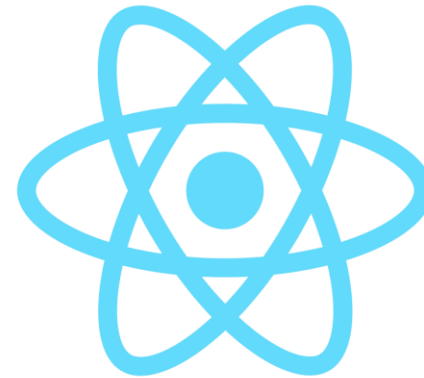


Web Application for Vehicle Sales, Purchase, and Inventory Management

CSCI 441 Team Project: Demo 2



- Back-End:
 - Node JS
 - Express JS
 - MySQL
- Front-End
 - React
 - Bootstrap



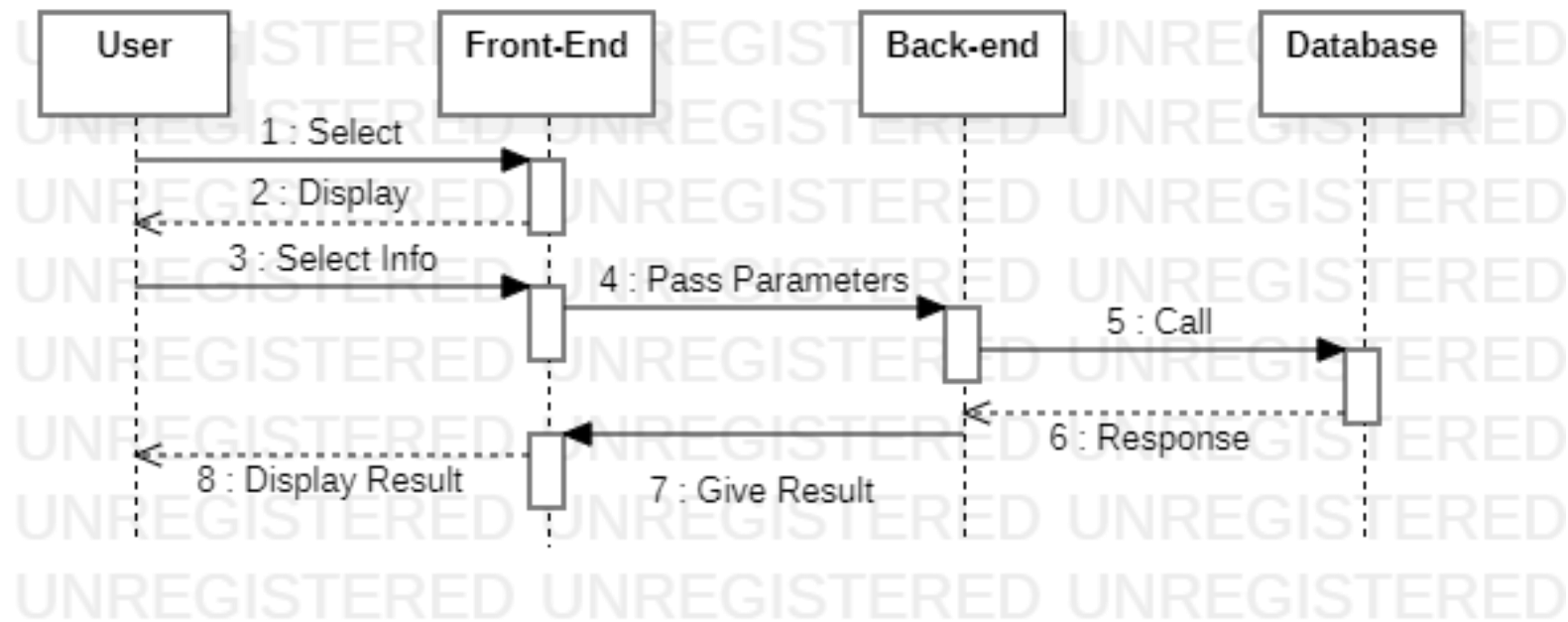
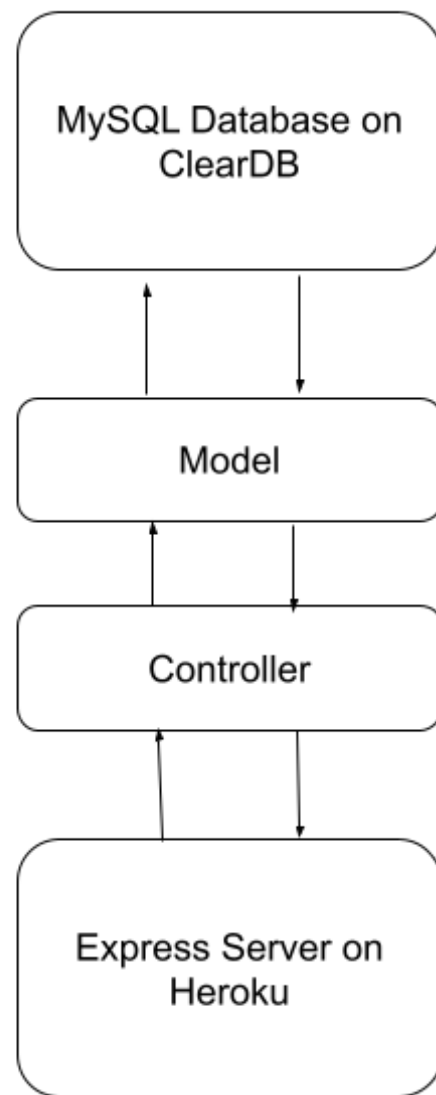
Routes		
Default Routes		
HTTP Method	URL Format	Function
POST	/ {endpoint}	create item
GET	/ {endpoint}	retrieve all items
GET	/ {endpoint} / {id}	retrieve item with id
GET	/ {endpoint} ? {key} = {value}	retrieve items that match conditions
PUT	/ {endpoint} / {id}	update item with id
DELETE	/ {endpoint}	delete all items
DELETE	/ {endpoint} / {id}	delete item with id
Sales		
HTTP Method	URL Format	Function
GET	/ sales / status / {status}	retrieve items with status
Users		
HTTP Method	URL Format	Function
POST	/ users / register	register user as customer
POST	/ users / register / {type}	register user as employee, admin, or customer
POST	/ users / create-first-admin	register admin without need for auth
POST	/ users / login	login with email and password

Authentication

A	Admin
E	Employee
C	Customer or user with id attached to object
O	No Auth Required

HTTP Method	Endpoint	Auth Level
Sales		
GET	/ sales	A, E
DELETE	/ sales	A
GET	/ sales / status	A, E
default	/ sales	A, E, C
Users		
GET	/ users / {id}	C, A
DELETE	/ users / {id}	C, A
PUT	/ users / id	C, A
POST	/ users / register	O
POST	/ users / register / {type}	A
POST	/ users / create-first-admin	O
DELETE	/ users	A
Vehicles, makes, classes, types		
GET	/ vehicles	O
DELETE	/ vehicles	A
default	/ vehicles	A, E





```
{
  "id": 4,
  "make": "Honda",
  "model": "Civic",
  "type": "Sedan",
  "class": "Economy",
  "year": 2021,
  "price": 19999,
  "exterior_color": "black",
  "interior_color": null,
  "engine": null,
  "transmission": null,
  "mileage": null,
  "short_description": "New Car!",
  "description": null,
  "image": null
}
```

```
{
  "id": 34,
  "first_name": "John",
  "last_name": "Smith",
  "email": "jsmith@gmail.com",
  "type": "customer",
  "password_hash": "$2b$10$DTK9ZucCYw60FQuKv6MoT.E",
  "password_hash_algorithm": "bcrypt"
}
```

