Assignment 2 - FIT2095
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Routing tables:

Routing Table

Name	Endpoint	HTTP Method	Purpose	Query Parameters	Handler	Quick Access
Home Page	/	GET	DataNest's Home Page!	None	None	Home Page
Log In	/33310440/Shubh/users/login	POST	User Login Page	None	None	Log-In Page
Sign Up	/33310440/Shubh/users/signup	POST	User Signup Page	None	None	Sign-Up Page
Add Drivers	/33310440/Shubh/add-driver	POST	Add new drivers for package delivery.	None	None	Add a new driver!
Delete Drivers	/33310440/Shubh/remove-driver	GET	Remove drivers from system.	?id=driverId (ID: Randomly Generated ID) (ex: ?id=D27-33-XUW)	deleteDriver()	Remove a driver
Add Packages	/33310440/Shubh/add-package	POST	Add new packages to deliver.	None	None	Add a new package!
Delete Packages	/33310440/Shubh/remove-package	GET	Remove any packages not needed.	?id=package_id (ID: Randomly Generated ID) (ex: ?id=D27-33-XUW)	deletePackage()	Remove a package
Driver's List	/33310440/Shubh/driver-list	GET	Display all of the drivers currently registered.	None	None	View all drivers!
Package List	/33310440/Shubh/package-list	GET	Display all of the packages currently registered.	None	None	View all packages!
Driver's Department List	/33310440/Shubh/driver-dep-list	GET	Get all drivers based on their department of delivery.	None	None	View department drivers!
CRUD Operations	/33310440/Shubh/operations	GET	Get all of the operations being conducted on the website.	None	getAllCounters()	View operations!

API Routing Table

Name	Endpoint	HTTP Method	Purpose	Query Parameters	Handler
Add Driver	/api/v1/driver/add	POST	Add a new driver.	None	None
Delete Driver	/api/v1/driver/delete	DELETE	Delete a driver by ID.	?id=driverId (MongoDB ID) (ex: ?id="66e2709eb1c24d14799bbcde")	None
Driver List	/api/v1/driver/	GET	Get a list of all drivers.	None	None
Update Driver	/api/v1/driver/update	PUT	Update driver's department or license.	None	None
Add Package	/api/v1/package/add	POST	Add a new package.	None	None
Delete Package	/api/v1/package/delete	DELETE	Delete a package by ID.	?id=packageId (MongoDB ID) (ex: ?id="66e2709eb1c24d14799bbcde")	None
Package List	/api/v1/package/	GET	Get a list of all packages.	None	None
Update Package	/api/v1/package/update	PUT	Update package destination.	None	None
Login	/api/v1/login	POST	Log in a user.	None	None
Signup	/api/v1/signup	POST	Sign up a new user.	None	None

Instructions on how to run the website through terminal (HTML):

Step 1: Install the following through the command in the terminal

- Windows/macOS/Linux: "npm install express ejs mongodb mongoose firebase-admin bootstrap" OR "npm i express ejs mongoose firebase-admin bootstrap"

Step 2: Run the application:

- Windows/macOS/Linux: "node app.js"

Instructions on how to run the website through terminal (Virtual Machine):

Step 1: Initiate the VM's for both the Node.js and for the database

- Open the SSH for the Node.js VM (named assignment2-d) and type "cd Assignment-2" to direct to the application.

Step 2: Run the application:

- "node app.js"

Step 3: To see the saved data, go to the MongoDB VM (assignment2-hd-database) and type

- "mongosh"
- "show dbs"
- "show dbs"
- "use assignment2"
- "show collections"
- To view drivers or packages:

  - db.drivers.find().pretty()
  - db.packages.find().pretty()