88Coderz

Madhu G Nadig – 01FB14ECS106
Jatin PM – 01FB14ECS087
Manish Kumar Singh – 01FB14ECS111

Assignment 1:

- ***Creating a category***: This happens dynamically during the creation of new books. When a new category is intercepted in a book data entry, it gets dynamically added to the database.

- ***Adding a book,description,et cetera.***: This is done by sending a **POST** request to the url ("localhost/{bookName}"). Here, **POST** request is used as we are sending data to the server.

    The schema for a book is :
     name: {
      type: String,
      required: true,
      unique: true
    },
    category: {
      type: String,
      required: true
    },
    stock: {
      type: Number,
      required: true,
      default: 0
    },
    price: {
      type: Number,
      required: true
    },
    description: {
      type: String,

```
    }
}, {
    timestamps: true
});
```

- ***Query for all the books***: This is done by sending a **GET** request to the url ("localhost/") . A **GET** request is used here as we are recieving data from the server.
- ***Determine the price of a book***: This is done by sending a **GET** request to the url ("localhost/price/{bookName}"). A **GET** request is used here as we are recieving data from the server.
- ***Remove a book after it is selected***: This is done by by sending a delete request to the url ("localhost/{bookName}"). A **DELETE** used here as we want to remove data from the server.
- ***Remove a book when it is no longer in stock***: This is done dynamically by sending a **DELETE** request on the relevent book everytime a book description is updated.A **DELETE** used here as we want to remove data from the server.
- ***Modify the price of the book***: This is done by sending a **POST** request to the url ("localhost/price/{bookName}").A **POST** request is used here as we are sending data to the server.