Q1.

|  |  |  |
| --- | --- | --- |
| **HTTP** | **URL** | **Description** |
|  |  |  |
| GET | /customer | Find all customers |
|  | /inventory | Find all medicines |
|  |  |  |
| POST | /check | Login authentication |
|  | /inventory | Insert medicine details |
|  | /customer | Insert customer details |
|  |  |  |
| DELETE | /inventory | Delete customer details permanently |
|  | /inventory | Delete medicine details permanently |
|  |  |  |
| PUT | /customer | Update customer details |
|  | /inventory | Update inventory details |
|  |  |  |

Q2.

Diagram

Description automatically generated

Q3.

|  |  |
| --- | --- |
| **Name of the package** | **What would you accomplish using that?** |
|  |  |
| Express | Web Application Framework |
| MySQL | Data base |
| Body-parser | Process the data that send through the HTTP request |

Q4.

|  |  |
| --- | --- |
| **Name of the program** | **What would you accomplish using that?** |
| Visual Studio Code | IDE |
| MySQL | Data storage |
| Postman | API |

Q5.

1. Create the routes with its own actions
2. First, need to implement the middleware to get the user Role and give access to the relevant users.

A screenshot of a computer

Description automatically generated with medium confidence

1. Create a variable to get the user role from the body
2. Create the if case to check whether the user role have permission to access.
3. Text

   Description automatically generatedAdd the user roles on its routes part as giving permission.