**Setup**

1. Setup Docker and Docker compose in your machine
2. Navigate to “labela\_backend\_assignment” folder and run following commands
   1. “docker compose up -d”
3. The backend (service: web) will run on port 8000 and the postgresql database (service : db) will run on port 5432
4. To migrate data, run command in terminal
   1. “docker compose run web python manage.py migrate”

**API Reference**

Send all request data in application/JSON format

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Type | URL | Description | Sample Request data JSON |
| 1 | GET | Localhost:8000/users | Return all clients | {} |
| 2 | POST | Localhost:8000/users | Register new client |  |
| 3 | GET | Localhost:8000/parts | Return all parts | {} |
| 4 | POST | Localhost:8000/parts | Add new part to the system |  |
| 5 | GET | Localhost:8000/parts/<int:id> eg: Localhost:8000/parts/1  “the id is the part id” | Get details of a specific part | {} |
| 6 | GET | Localhost:8000/ users/cart | Get items and details of user’s shopping cart |  |
| 7 | PUT | Localhost:8000/ users/cart | Add new item to the cart |  |
| 8 | DELETE | Localhost:8000/ users/cart | Remove item from cart |  |
| 9 | POST | Localhost:8000/users/purchase | Purchase items in current cart |  |
| 10 | GET | Localhost:8000/users/orders | Get all the orders of certain user |  |
| 11 | POST | Localhost:8000/users/orders/update | Update delivery date and time of the order  p.s date format: Month <space> Date <space> Year  Time format: “H:M <space> AM/PM |  |