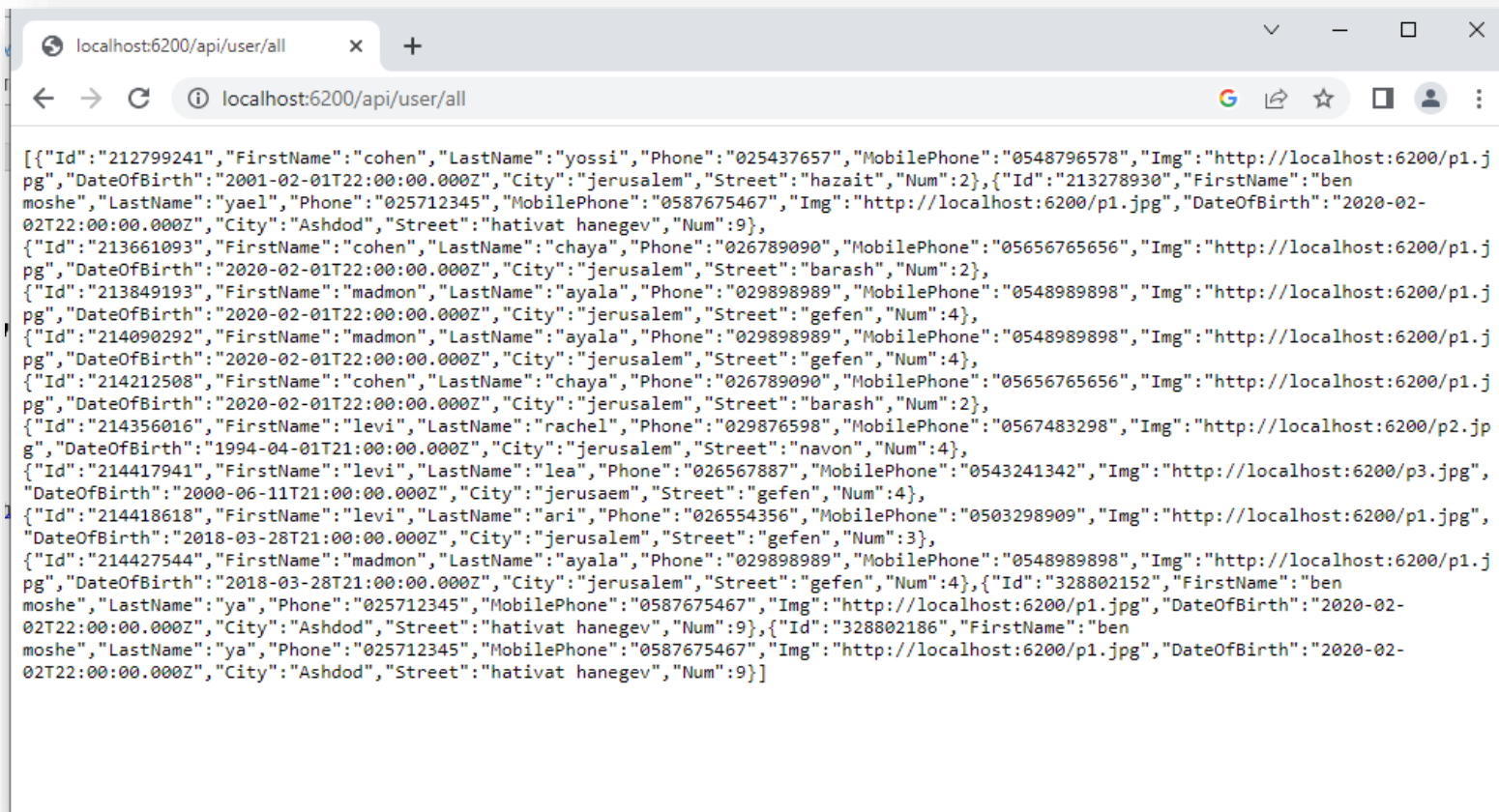


מערכת ניהול קורונה לקופת חולים

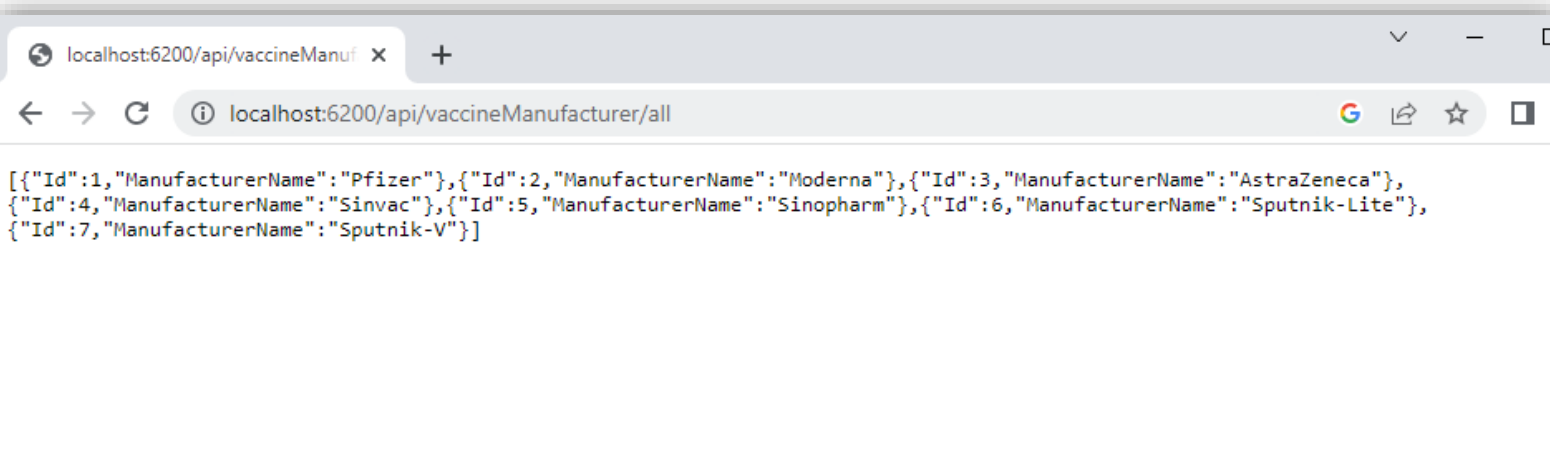
אופן השימוש בשרת

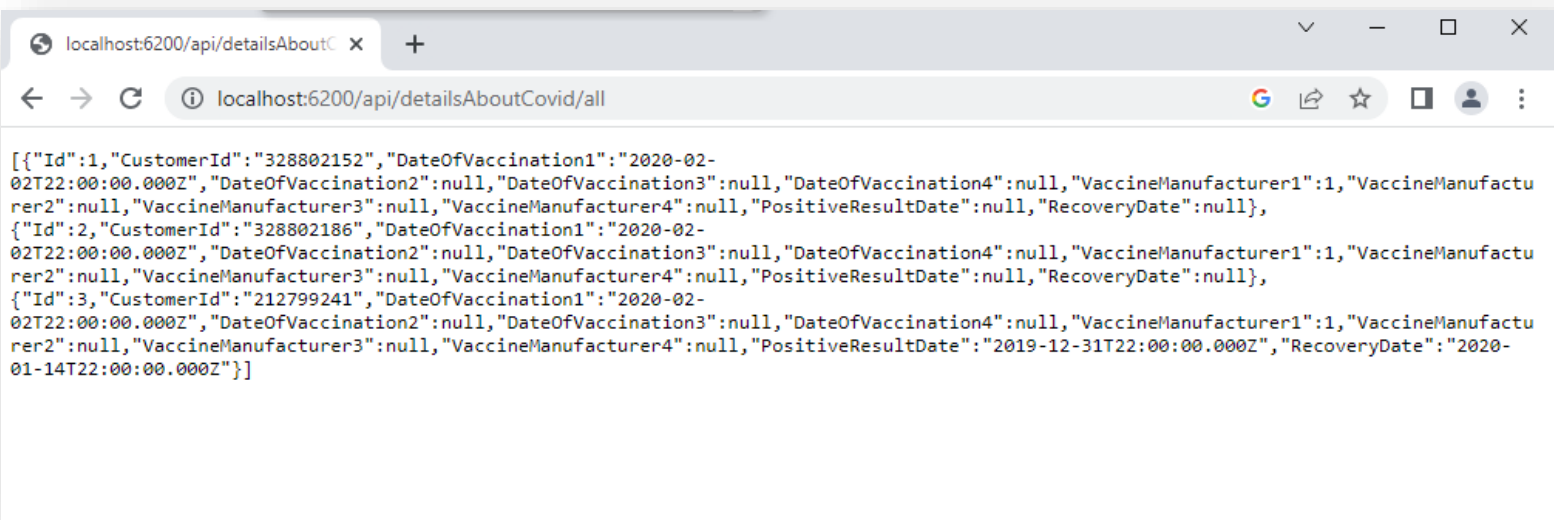
בקשות GET:

localhost:6200/api/user/all



localhost:6200/api/vaccineManufacturer/all



localhost:6200/api/detailsAboutCovid/alllocalhost:6200/api/detailsAboutCovid/allSicksToday

בקשות POST:

הוספת משתמש:

The screenshot shows the Postman application interface. At the top, there's a toolbar with buttons for 'New', 'Import', 'Runner', and 'My Workspace'. Below this, the 'Launchpad' tab is active, showing a 'POST' request to 'localhost:6200/api/user/add'. The request is titled 'Untitled Request'. The 'Body' tab is selected, showing a JSON object with the following fields: 'id', 'lastName', 'name', 'phone', 'mobilePhone', 'imageName', 'birthDate', 'city', 'street', and 'numStreet'. The 'Send' button is visible. Below the request, the 'Body' tab of the response is selected, showing a single line of text: 'User successfully added!'. The status bar at the bottom indicates 'Status: 200 OK', 'Time: 2.61 s', and 'Size: 294 B'.

```
1 {
2   "id": "331705459",
3   "lastName": "choen",
4   "name": "ayala",
5   "phone": "026446012",
6   "mobilePhone": "0533156523",
7   "imageName": "p3.jpg",
8   "birthDate": "1991-02-02",
9   "city": "ashkelon",
10  "street": "havatselet",
11  "numStreet": 9
12 }
```

```
1 "User successfully added! "
```

כאשר משתמש כבר קיים:

POST

localhost:6200/api/user/add

Send

Save

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Cookies

Code

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautify

```

1  {
2    "id": "331705459",
3    "lastName": "choen",
4    "name": "ayala",
5    "phone": "026446012",
6    "mobilePhone": "0533156523",
7    "imageName": "p3.jpg",
8    "birthDate": "1991-02-02",
9    "city": "ashkelon",
10   "street": "havatselet",
11   "numStreet": 9
12 }

```

Body

Cookies

Headers (9)

Test Results

Status: 500 Internal Server Error

Time: 956 ms

Size: 462 B

Save Response

Pretty

Raw

Preview

Visualize

HTML

```

1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5    <meta charset="utf-8">
6    <title>Error</title>
7  </head>
8
9  <body>
10   <pre>user already exist </pre>
11 </body>
12
13 </html>

```

חיפוש משתמש:

POST

localhost:6200/api/user/search

Send

Save

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Cookies

Cod

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautify

```

1  {
2
3    "id": "331705459"
4
5
6  }
```

Body

Cookies

Headers (8)

Test Results

Status: 200 OK

Time: 25 ms

Size: 500 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

```

1  {
2    {
3      "Id": "331705459",
4      "FirstName": "choen",
5      "LastName": "ayala",
6      "Phone": "026446012",
7      "MobilePhone": "0533156523",
8      "Img": "http://localhost:6200/p3.jpg",
9      "DateOfBirth": "1991-02-01T22:00:00.000Z",
10     "City": "ashkelon",
11     "Street": "havatselet",
12     "Num": 9
13   }
14 }
```

הוספת פרטי משתמש(חיסונים או מחלה):

POST localhost:6200/api/detailsAboutCovid/add Send Save

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings Cookies Code

none form-data x-www-form-urlencoded **raw** binary GraphQL JSON Beautify

```

3  "userId": "331705459",
4  "dateOfVaccination1": "2020-02-03",
5  "dateOfVaccination2": "",
6  "dateOfVaccination3": "",
7  "dateOfVaccination4": "",
8  "vaccineManufacturer1": "1",
9  "vaccineManufacturer2": "",
10 "vaccineManufacturer3": "",
11 "vaccineManufacturer4": "",
12 "positiveResultDate": "2020-01-01",
13 "recoveryDate": "2020-01-15"
14
15
16

```

Body Cookies Headers (8) Test Results Save Response

Pretty Raw Preview Visualize JSON Beautify

```

1  "details successfully added!"

```

כאשר קיים כבר פרטי משתמש(חיסונים או מחלה):

POST localhost:6200/api/detailsAboutCovid/add Send Save

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings Cookies Code

none form-data x-www-form-urlencoded **raw** binary GraphQL JSON Beautify

```

1  "userId": "331705459",
2  "dateOfVaccination1": "2020-02-03",
3  "dateOfVaccination2": "",
4  "dateOfVaccination3": "",
5  "dateOfVaccination4": "",
6  "vaccineManufacturer1": "1",
7  "vaccineManufacturer2": "",
8  "vaccineManufacturer3": "",
9  "vaccineManufacturer4": "",
10 "positiveResultDate": "2020-01-01",
11 "recoveryDate": "2020-01-15"
12
13

```

Body Cookies Headers (9) Test Results Save Response

Pretty Raw Preview Visualize HTML Beautify

```

1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5    <meta charset="utf-8">
6    <title>Error</title>
7  </head>
8
9  <body>
10   <pre>for this customer details already exist</pre>
11 </body>
12
13 </html>

```

חיפוש פרטי משתמש:

POST

localhost:6200/api/detailsAboutCovid/search

Send

Save

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Cookies

Code

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautify

```

1  [
2
3  "id": "331705459"
4
5
6  ]

```

Body

Cookies

Headers (8)

Test Results

200 OK

477 ms

587 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

```

1  [
2    {
3      "Id": 5,
4      "CustomerId": "331705459",
5      "DateOfVaccination1": "2020-02-03",
6      "DateOfVaccination2": null,
7      "DateOfVaccination3": null,
8      "DateOfVaccination4": null,
9      "VaccineManufacturer1": 1,
10     "VaccineManufacturer2": null,
11     "VaccineManufacturer3": null,
12     "VaccineManufacturer4": null,
13     "PositiveResultDate": "2020-01-01",
14     "RecoveryDate": "2020-01-15"
15   }
16 ]

```

הוספת יצרן חיסון:

The screenshot displays a REST client interface with the following details:

- Method:** POST
- URL:** localhost:6200/api/vaccineManufacturer/add
- Send Button:** A blue button labeled "Send" with a dropdown arrow.
- Tabs:** Params, Authorization, Headers (8), **Body** (selected), Pre-request Script, Tests, Settings.
- Body Type:** none, form-data, x-www-form-urlencoded, **raw** (selected), binary, GraphQL, **JSON** (selected).
- Body Content:**

```

1 {
2
3   "name": "Johnson and Johnson"
4
5
6 }
```
- Response Section:**
 - Body:** Selected tab.
 - Response:** 200 OK, 35 ms, 301 B.
 - Save Button:** A red button labeled "Save".
 - Response Body:**

```

1 "Manufacturer successfully added!"
```

כאשר יצרן כבר קיים:

POST

localhost:6200/api/vaccineManufacturer/add

Send

Params

Authorization

Headers (8)

Body ●

Pre-request Script

Tests

Settings

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

☐ GraphQL

JSON ▼

```
1 {  
2  
3   "name": "Johnson and Johnson"  
4  
5  
6 }
```

Body

Cookies

Headers (9)

Test Results

500 Internal Server Error

25 ms

470 B

Save

Pretty

Raw

Preview

Visualize

HTML ▼

```
1 <!DOCTYPE html>  
2 <html lang="en">  
3  
4 <head>  
5   <meta charset="utf-8">  
6   <title>Error</title>  
7 </head>  
8  
9 <body>  
10   <pre>Manufacturer already exist!</pre>  
11 </body>  
12  
13 </html>
```

תלויות חיצוניות

Visual studio code -הפלטפורמה עליה כתבתי את הפרויקט.

Nodejs-סביבת זמן ריצה.

mySql workbench - שמירת מאגרי הנתונים.

Postman-כדי לבצע בדיקות POST בדיקות GET ביצעתי ישירות בדפדפן CHROME

כדי שהתהליך יטען מחדש באופן אוטומטי לאחר כל שינוי- **npm install -g nodemon**

מסגרת יישום אינטרנט כדי להגיב לבקשות- **npm install express**

הנחות

- ניתן לערוך חיסונים שונים עבור אותו משתמש ע"י יצרנים שונים.
- הפרש התאריכים בין תשובה חיובית להחלמה -14 יום.
- עבור הטבלאות לקוחות ופרטים בנושא הקורונה בעת יצירת רשומה חדשה השרת מקבל את כל האובייקט. (במקומות שאפשר ללא ערך הערך כברירת המחדל הוא "")