

Group Members:

- Sagar Dafle (010720021)
- Shubham Vadhera (010152545)

Cloud Server choice:

- Deployed to Google Compute Engine

Hostname:

- <http://104.196.238.90/group7-mvc-lab2>

Screenshots:

(1) Get a user as HTML

URL: <http://104.196.238.90/group7-mvc-lab2/user/1>

Method: GET

The screenshot shows a web browser window with the address bar displaying <http://104.196.238.90/group7-mvc-lab2/user/1>. The browser tabs are labeled "Group 7: View User" and "Group 7: View Phone". The page content is titled "User details for ID 1" and displays a form with the following fields:

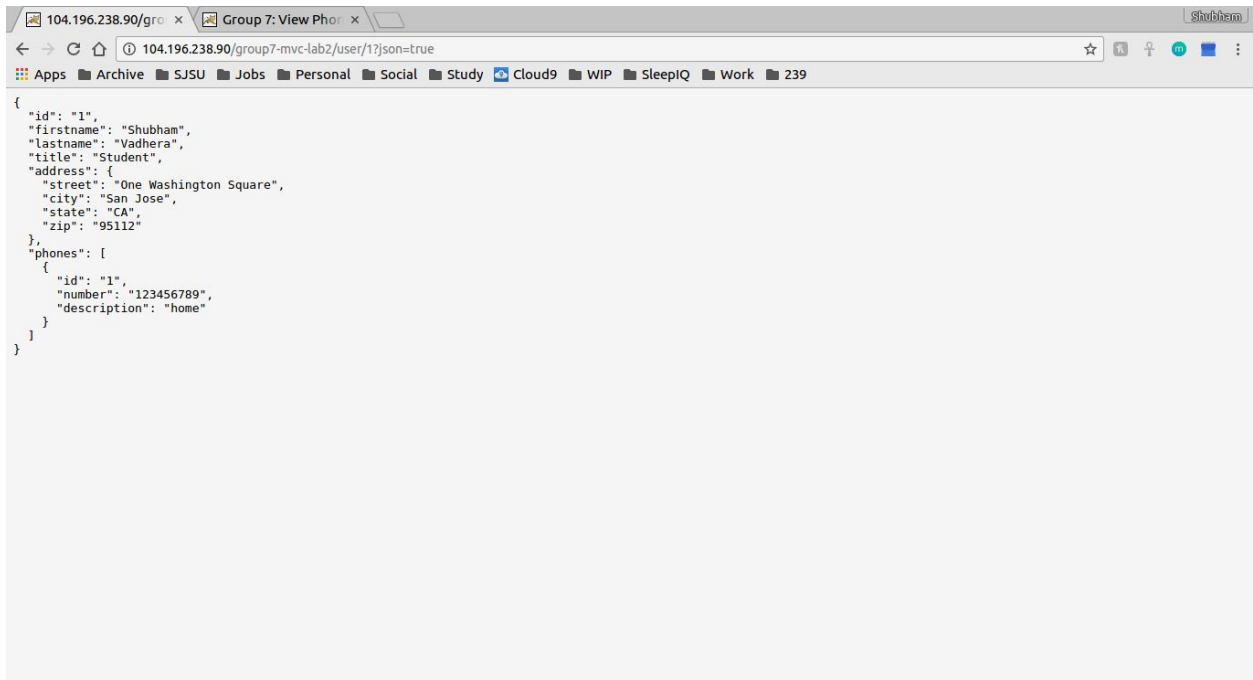
ID	1
First Name	Shubham
Last Name	Vadhera
Title	Student
City	San Jose
State	CA
Street	One Washington Square
Zip	95112
Phone Number 1	123456789

Below the form, there are two buttons: a red "Delete" button and a blue "Update" button.

(2) Get a user back as JSON

URL: <http://104.196.238.90/group7-mvc-lab2/user/1?json=true>

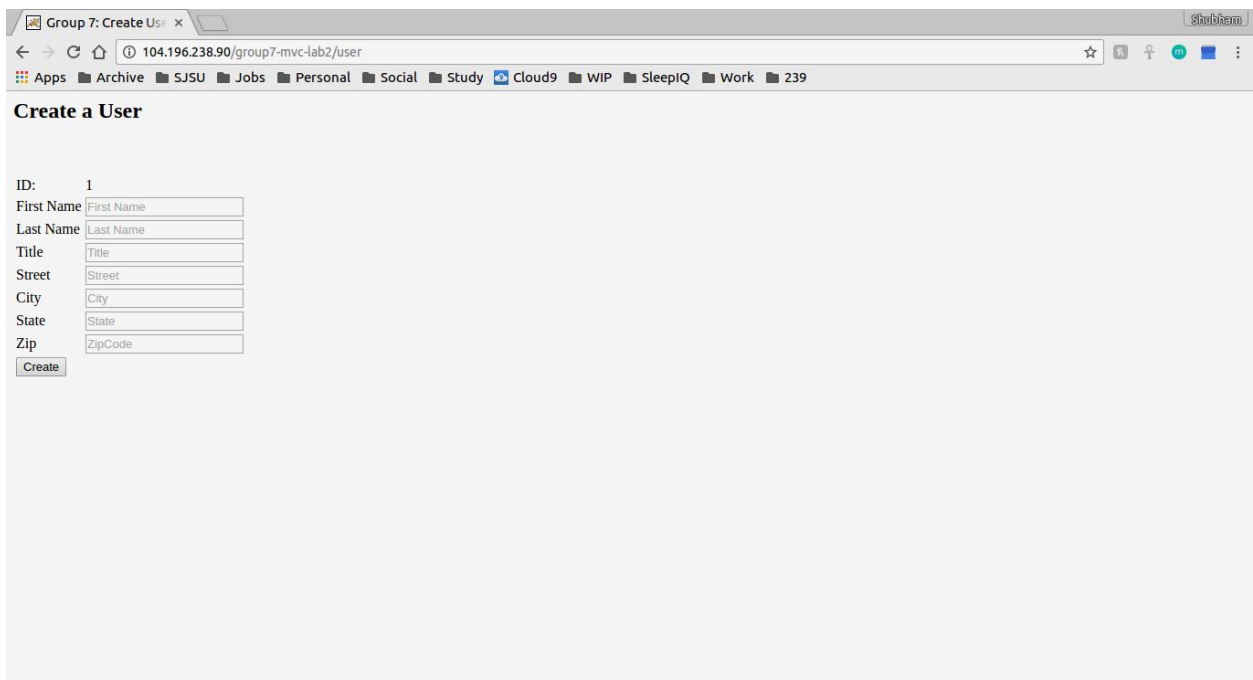
Method: GET



(3) Get the user creation HTML

URL: <http://104.196.238.90/group7-mvc-lab2/user>

Method: GET



(4) Create or update a user

URL:

<http://104.196.238.90/group7-mvc-lab2/user/userId?firstname=Sagar&lastname=Dafle&title=Student&street=Flora&city=Fremont&state=CA&zip=96125>

Method: POST

The screenshot shows the Postman interface with a POST request to the URL `http://104.196.238.90/group7-mvc-lab2/user/userId?firstname=Sagar&lastname=Dafle&title=Student&street=Flora&city=Fremont&state=CA&zip=96125`. The request is successful, returning a status of 200 OK. The response body is displayed in the 'Preview' tab, showing the user details for ID 2.

User details for ID 2

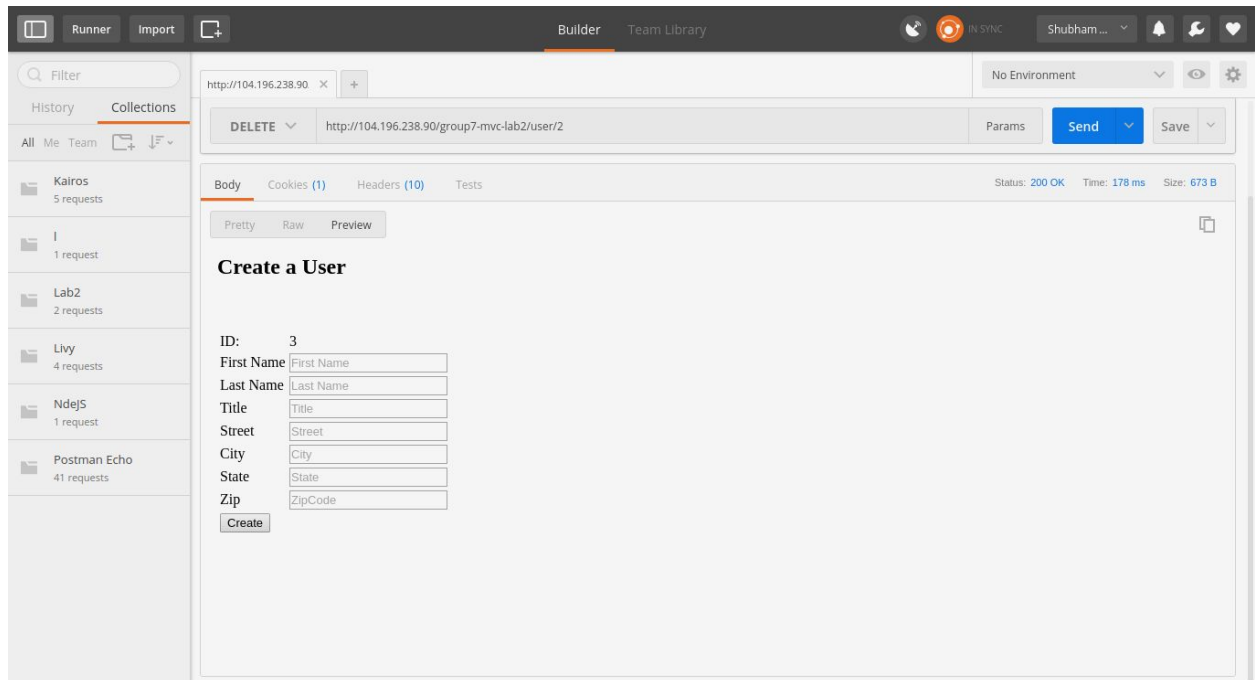
ID	2
First Name	Sagar
Last Name	Dafle
Title	Student
City	Fremont
State	CA
Street	Flora
Zip	96125

At the bottom of the response body, there are two buttons: a red 'Delete' button and a blue 'Update' button.

(5) Delete a user

URL: <http://104.196.238.90/group7-mvc-lab2/user/2>

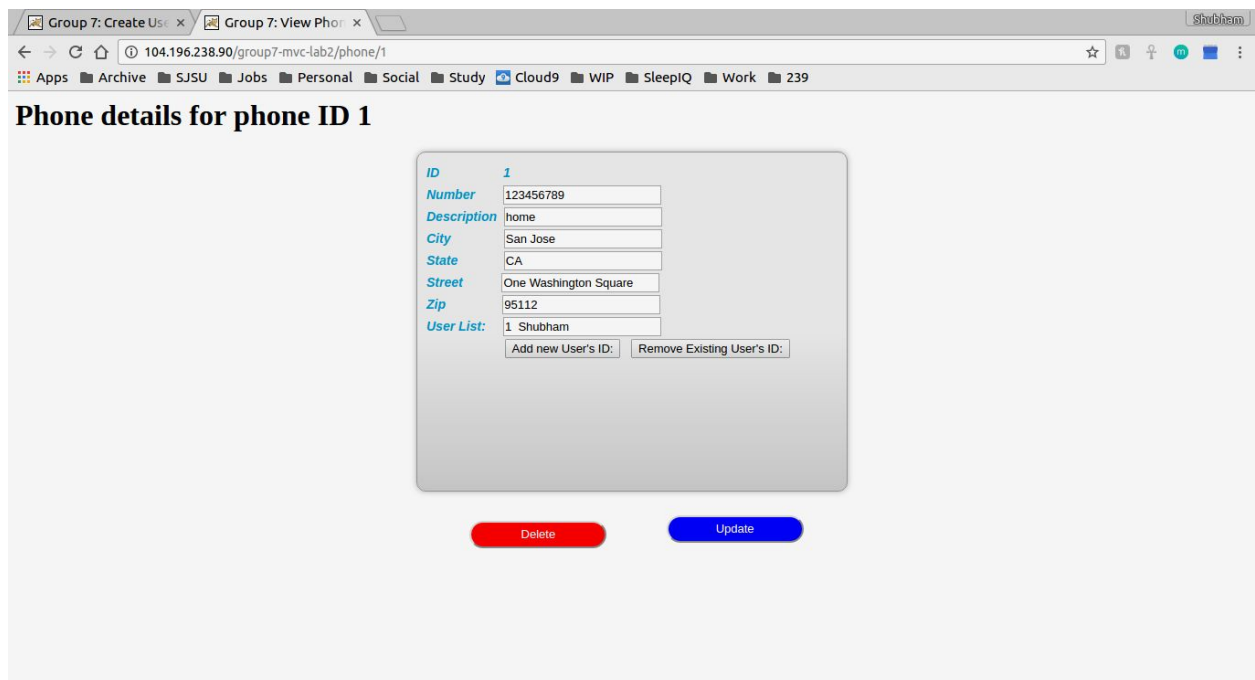
Method: DELETE



(6) Get a Phone as HTML

URL: <http://104.196.238.90/group7-mvc-lab2/phone>

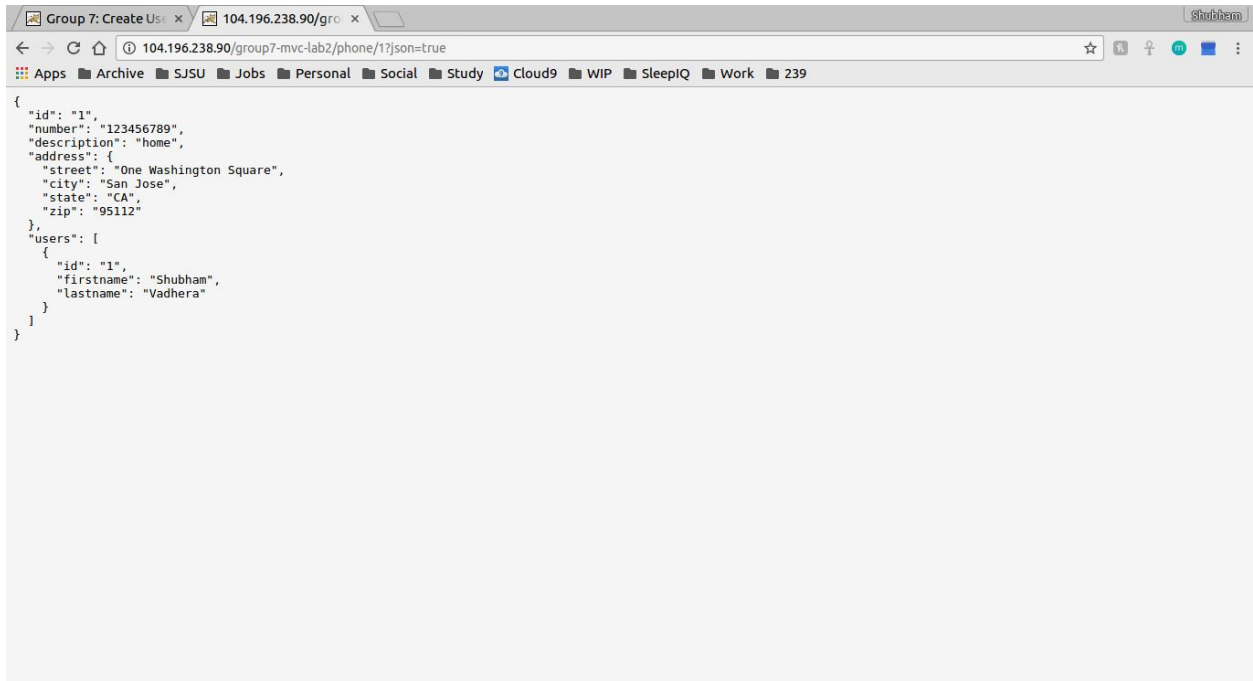
Method: GET



(7) Get a phone back as JSON

URL: <http://104.196.238.90/group7-mvc-lab2/phone/1?json=true>

Method: GET



The screenshot shows a web browser window with the address bar displaying the URL `104.196.238.90/group7-mvc-lab2/phone/1?json=true`. The browser's developer tools are open, showing the response body as a JSON object. The JSON data represents a phone record with an ID, number, description, address, and a list of users.

```
{
  "id": "1",
  "number": "123456789",
  "description": "home",
  "address": {
    "street": "One Washington Square",
    "city": "San Jose",
    "state": "CA",
    "zip": "95112"
  },
  "users": [
    {
      "id": "1",
      "firstname": "Shubham",
      "lastname": "Vadhera"
    }
  ]
}
```

(8) Get the phone creation HTML

URL: <http://104.196.238.90/group7-mvc-lab2/phone>

Method: GET

Group 7: View User x Group 7: Create a P x Shubham

104.196.238.90/group7-mvc-lab2/phone

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Create a phone

ID: 1

Phone Number

Description

Phone Address Street

Phone Address City

Phone Address State

Phone Address Zip

Create

(9) Create or update a phone

URL:

[http://104.196.238.90/group7-mvc-lab2/phone/phoneId?number=9876543210&description=landline&street=Rapid&city=Bayview&state=CA&zip=98541&users\[\]=1](http://104.196.238.90/group7-mvc-lab2/phone/phoneId?number=9876543210&description=landline&street=Rapid&city=Bayview&state=CA&zip=98541&users[]=1)

Method: POST

Runner Import Builder Team Library Shubham ...

Filter

History Collections

All Me Team

Kairos 5 requests

I 1 request

Lab2 2 requests

Livy 4 requests

NdejS 1 request

Postman Echo 41 requests

POST http://104.196.238.90/group7-mvc-lab2/phone/phoneId?number=9876543210&description=landline&street=Rapid&city=Bayview&state=CA&zip=98541&users[]=1 Params Send Save

Body Cookies (1) Headers (13) Tests Status: 201 Created Time: 166 ms Size: 6.87 KB

Pretty Raw Preview

Phone details for phone ID 2

ID	2
Number	9876543210
Description	landline
City	Bayview
State	CA
Street	Rapid
Zip	98541
User List:	1 Shubham

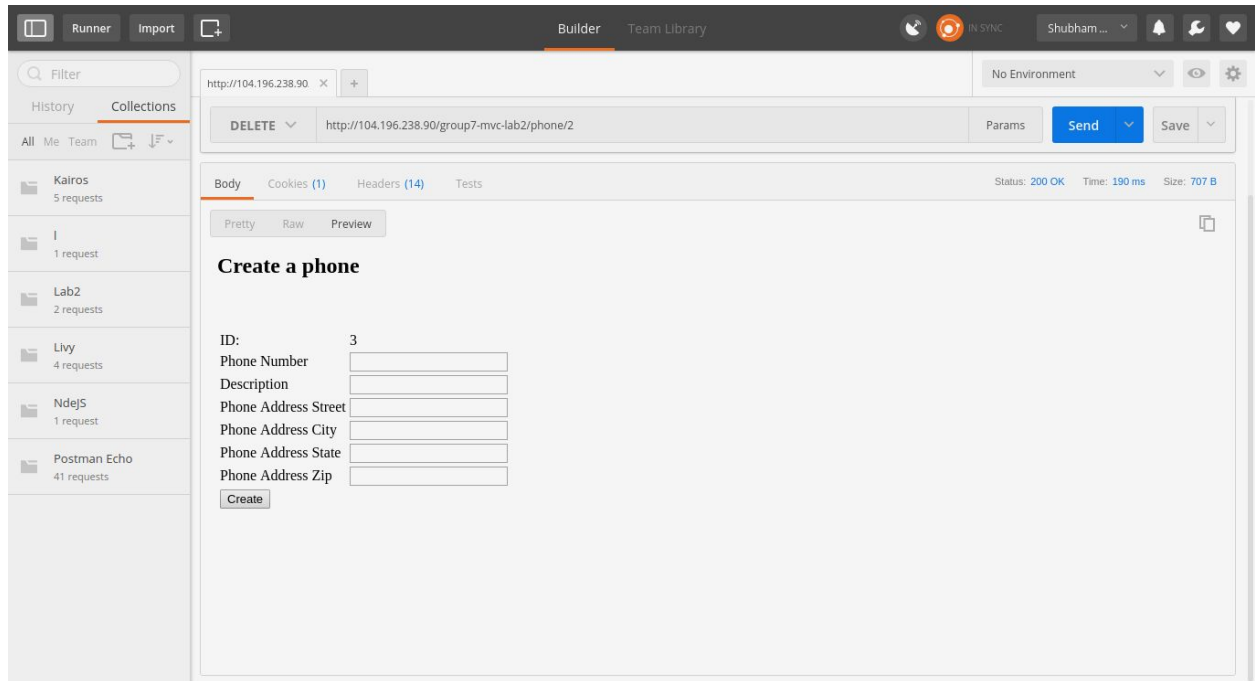
Add new User's ID: Remove Existing User's ID:

Delete

(10) Delete a phone

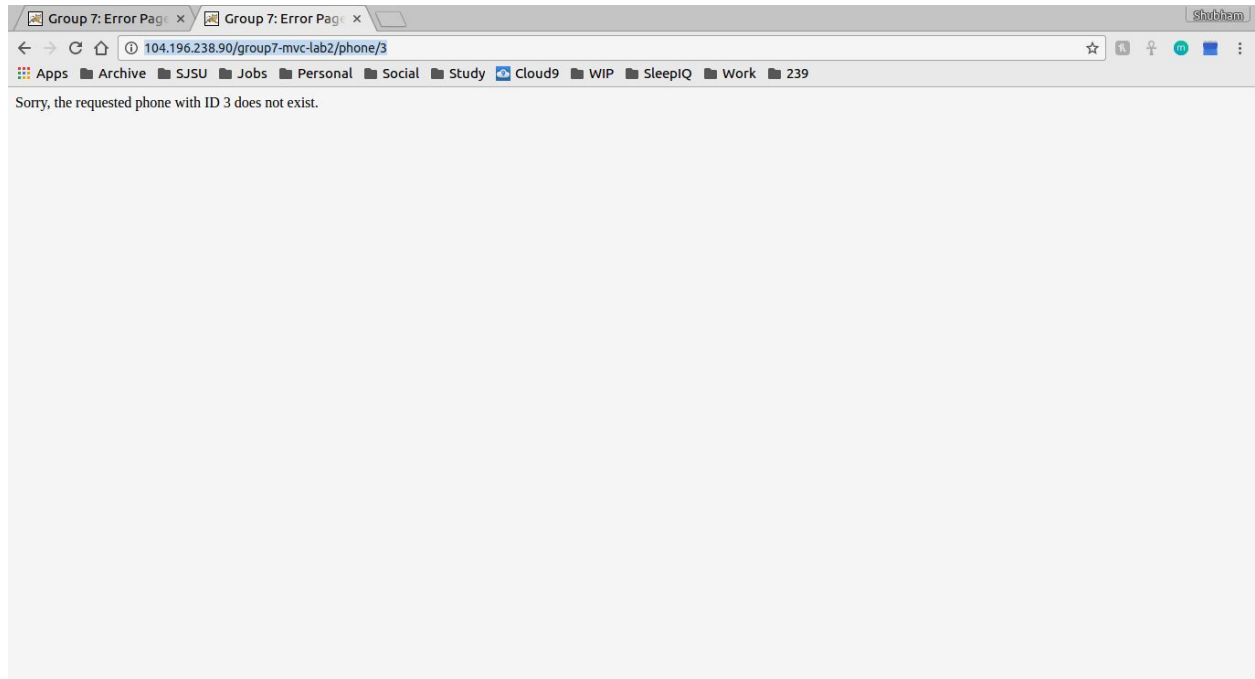
URL: <http://104.196.238.90/group7-mvc-lab2/phone/2>

Method: DELETE



Error Pages:

URL: <http://104.196.238.90/group7-mvc-lab2/phone/3>



URL: <http://104.196.238.90/group7-mvc-lab2/phone/1>

The image shows the Postman application interface. The top bar includes tabs for Runner, Import, Builder, and Team Library. The main workspace displays a DELETE request to the URL `http://104.196.238.90/group7-mvc-lab2/phone/1`. The response status is `400 Bad Request` with a time of `81 ms` and a size of `377 B`. The response body, shown in the Preview tab, contains the message: `Sorry, the deletion of phone with ID 1 is not allowed, since there are still users assigned to it.`

On the left sidebar, the Collections panel is visible, showing a list of collections:

- Kairos (5 requests)
- I (1 request)
- Lab2 (2 requests)
- Livy (4 requests)
- NdeJS (1 request)
- Postman Echo (41 requests)