

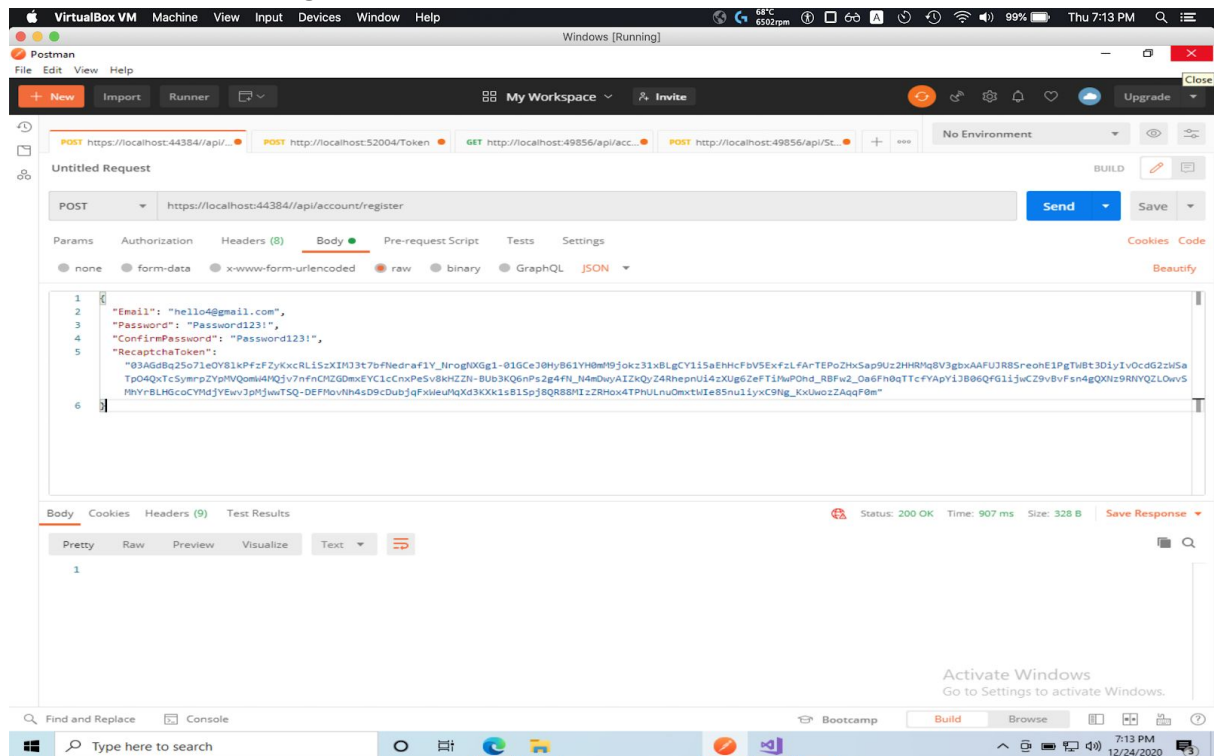
# CSC Task 3 Documents

## Web API Document

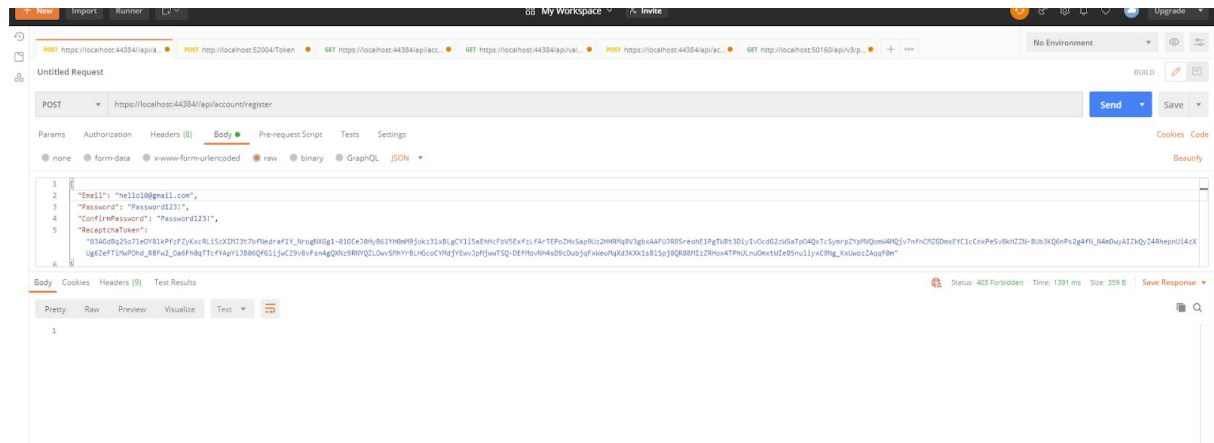
| Method | URL                    | Description                       | Authorized? | Request Body   | Response Status   | Response Body  |
|--------|------------------------|-----------------------------------|-------------|--|---|--|
| POST   | /api/account/register  | Creates a new user                | No          | <ul style="list-style-type: none"><li>Email</li><li>Password</li><li>ConfirmPassword</li><li>RecaptchaToken</li></ul>      | 200<br><br>403 if Recaptcha Token is invalid<br><br>400 if input validation fails | N/A  |
| POST   | Token/                 | Get a new access token            | Yes         | x-www-form-urlencoded <ul style="list-style-type: none"><li>username (email)</li><li>password</li><li>grant_type</li></ul> | Status 200<br><br>400 if incorrect username/password or grant_type                | <ul style="list-style-type: none"><li>access_token</li><li>token_type</li><li>expires_in</li><li>userName</li><li>.issued</li><li>.expires</li></ul> |
| GET    | /api/account/userinfo/ | Get information of logged in user | Yes         | N/A  | 200   | <ul style="list-style-type: none"><li>Email</li><li>HasRegistered</li><li>LoginProvider</li></ul>  |
| GET    | /api/values            | Get a hello message               | Yes         | N/A  | 200   | "Hello, <email>."  |
| POST   | /api/account/Logout    | Invalidates access token          | Yes         | N/A  | 200   | N/A  |

# Postman Testing Result

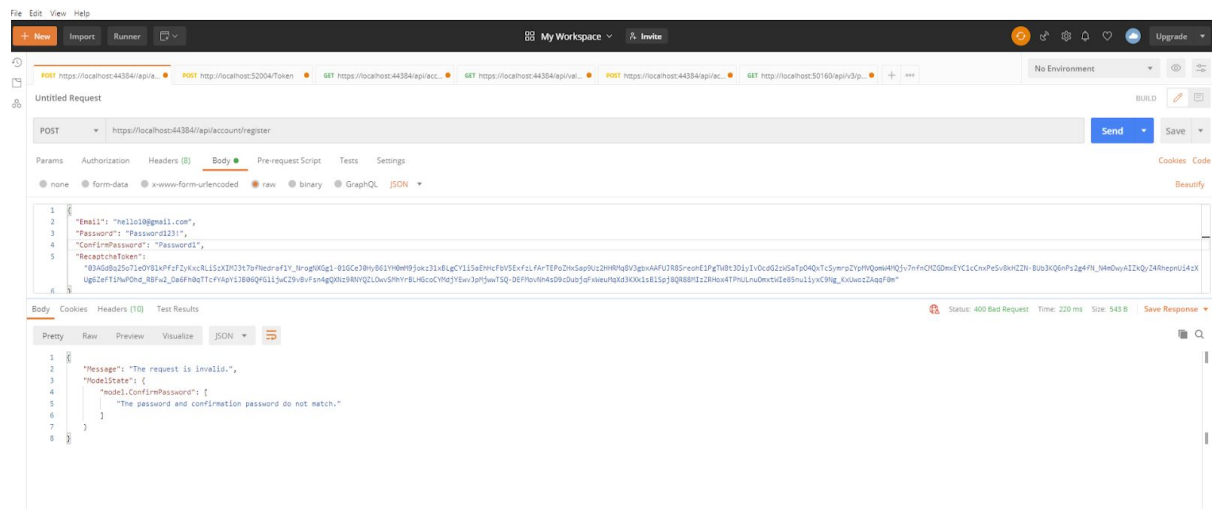
## POST /api/account/register



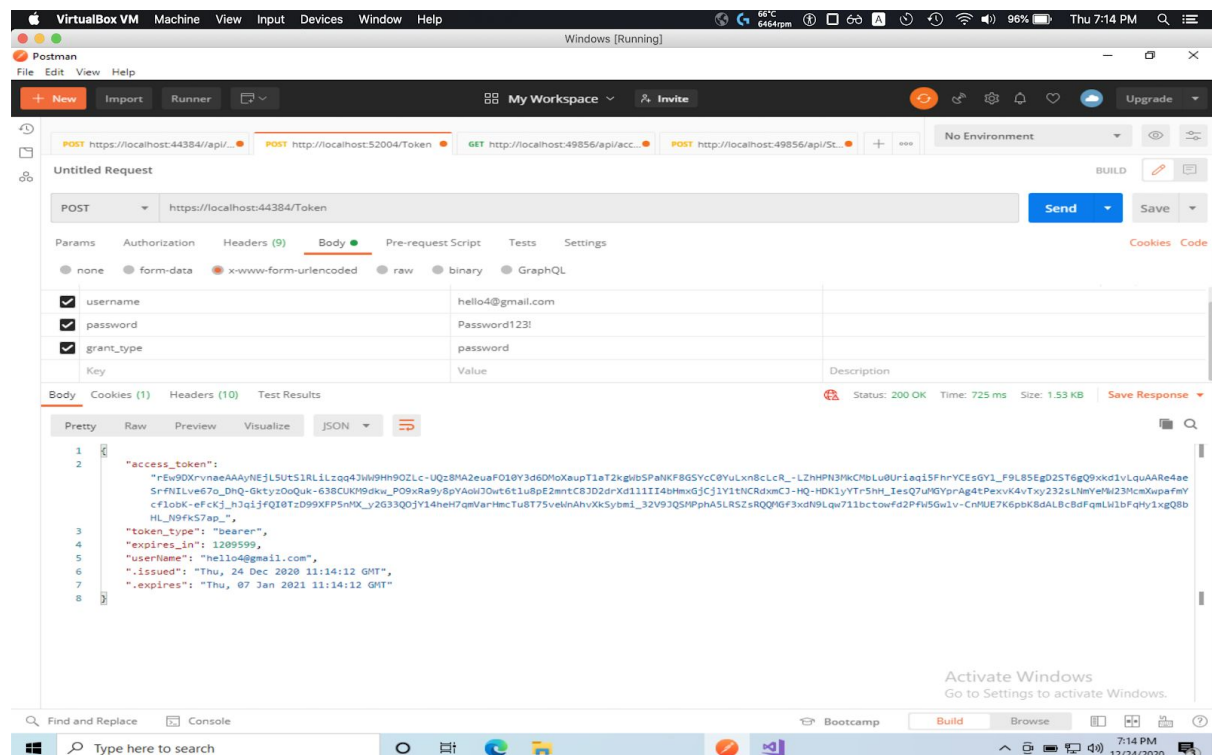
## Invalid Recaptcha Token (403):



## Passwords do not match (400):



## POST Token/



Invalid username/password (400):

## GET /api/account/userinfo/

The screenshot shows the Postman application interface. At the top, the title bar reads "VirtualBox VM Machine View Input Devices Window Help". Below it, the Postman window title is "Postman". The main workspace shows a "GET" request to "https://localhost:44384/api/account/userinfo/". The "Headers" tab is selected, showing a table of headers:

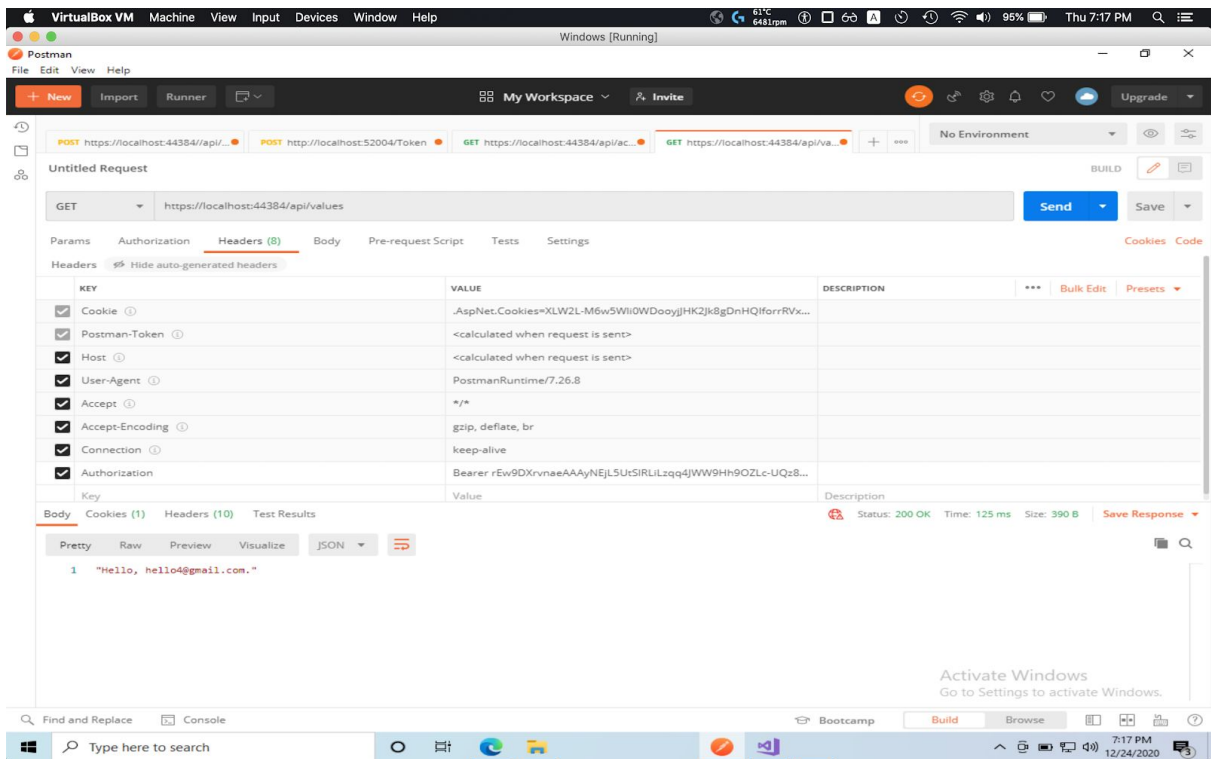
| KEY             | VALUE   | DESCRIPTION |
|-----------------|---|-------------|
| Cookie          | .AspNet.Cookies=XLW2L-M6w5Wii0WDooyjJHK2jk8gOnHQIforrRVx... |             |
| Postman-Token   | <calculated when request is sent>                           |             |
| Host            | <calculated when request is sent>                           |             |
| User-Agent      | PostmanRuntime/7.26.8                                       |             |
| Accept          | */*   |             |
| Accept-Encoding | gzip, deflate, br   |             |
| Connection      | keep-alive  |             |
| Authorization   | Bearer rEw9DXrvnaeAAyNEjL5UcSIRLiLzqq4jWW9Hh9OZLc-UQz8...   |             |

Below the headers, the "Body" tab is selected, showing a JSON response in "Pretty" format:

```
1 {
2   "Email": "hello4@gmail.com",
3   "HasRegistered": true,
4   "LoginProvider": null
5 }
```

The status bar at the bottom indicates "Status: 200 OK", "Time: 147 ms", and "Size: 446 B". The Windows taskbar at the very bottom shows the date and time as "7:15 PM 12/24/2020".

## GET /api/values



## POST /api/account/Logout

