

1. Registering a student as a voter.

Request

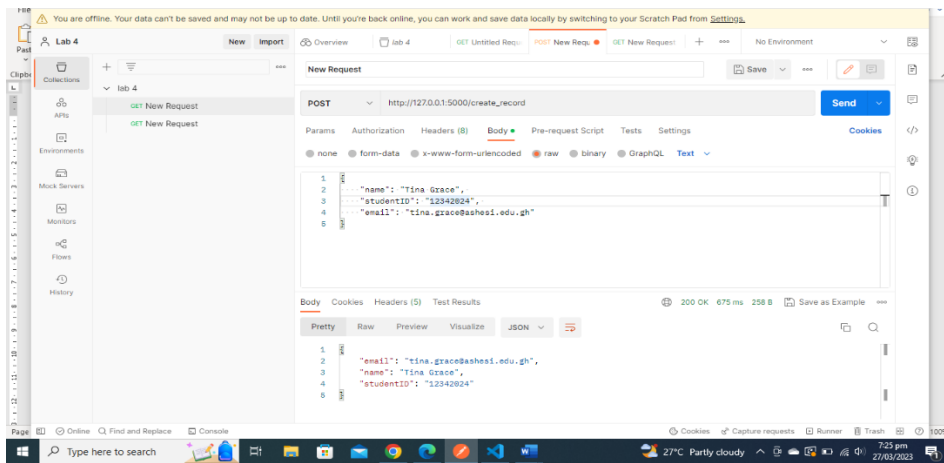
POST/student_voters

```
{ "name": "Tina Grace", "studentID": "3332024", "email": "tina.grace@ashesi.edu.gh" }
```

Response

200 (OK)

```
{ "name": "Tina Grace", "studentID": "3332024", "email": "tinag@ashesi.edu.gh" }
```



2. De-registering a student as a voter

Request

DELETE/students/3332024

Response

200 (OK)

3. Updating a registered voter's information

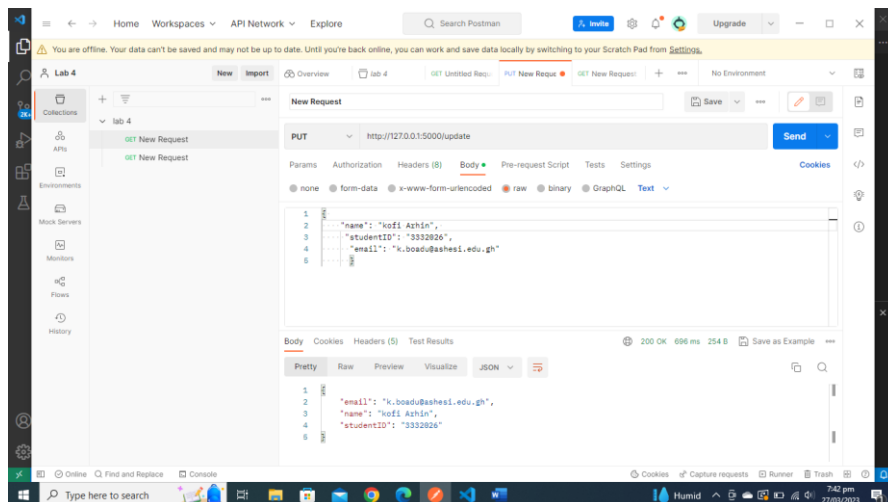
Request

```
{ "name": "kofi Boadu", "studentID": "3332026", "email": "k.boadu@ashesi.edu.gh" }
```

Response

200 (OK)

```
{ "name": "Kofi Boadu", "studentID": "3332026", "email": "k.boadu@ashesi.edu.gh" }
```



4. Retrieving a registered voter.

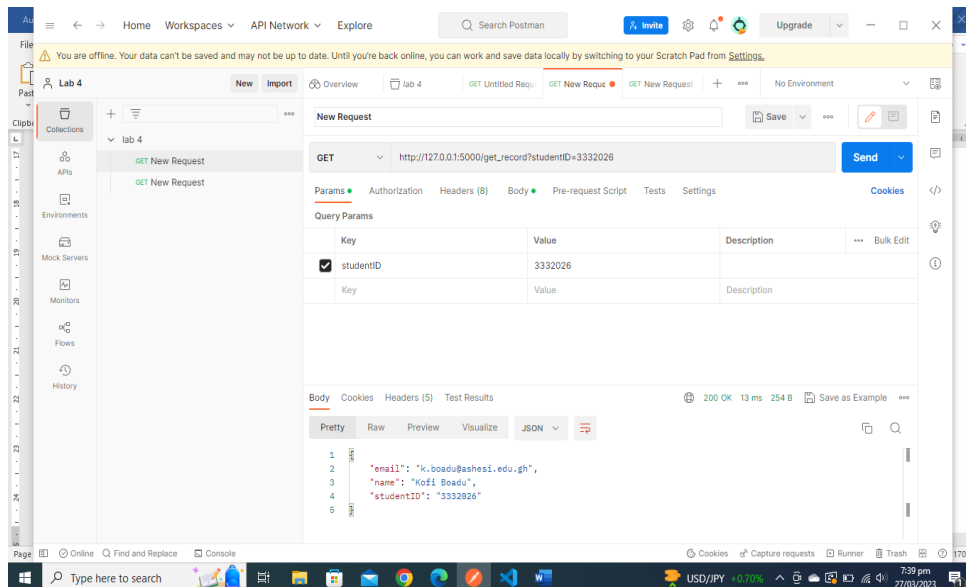
Request:

GET /voters/3332026

Response:

200 (OK)

{ "name": "Kofi Boadu", "studentID": "3332026", "email": k.boadu@ashesi.edu.gh }



5. Creating an election.

Request:

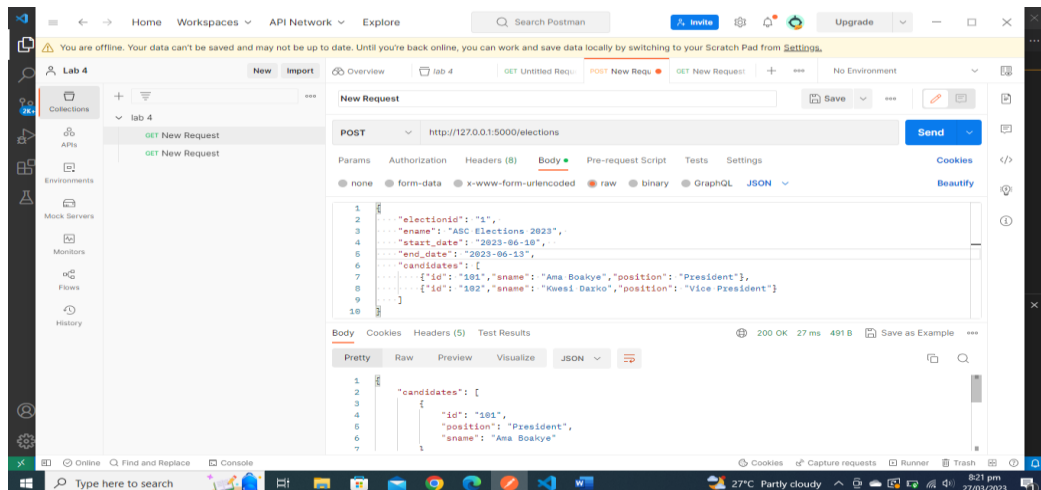
POST /elections

```
{
  "elections_id": 1, "name": "ASC Elections 2023", "start_date": "2023-06-10",
  "end_date": "2023-06-13",
  "candidates": [
    { "id": "101", "name": "Ama Boakye", "position": "President" },
    { "id": "102", "name": "Kwesi Darko", "position": "Vice President" }
  ]
}
```

Response:

200 (OK)

```
{
  "elections_id": 1, "name": "ASC Elections 2023", "start_date": "2023-06-10",
  "end_date": "2023-06-13",
  "candidates": [
    { "id": "101", "name": "Ama Boakye", "position": "President" },
    { "id": "102", "name": "Kwesi Darko", "position": "Vice President" }
  ]
}
```



6. Retrieving an election (with its details)

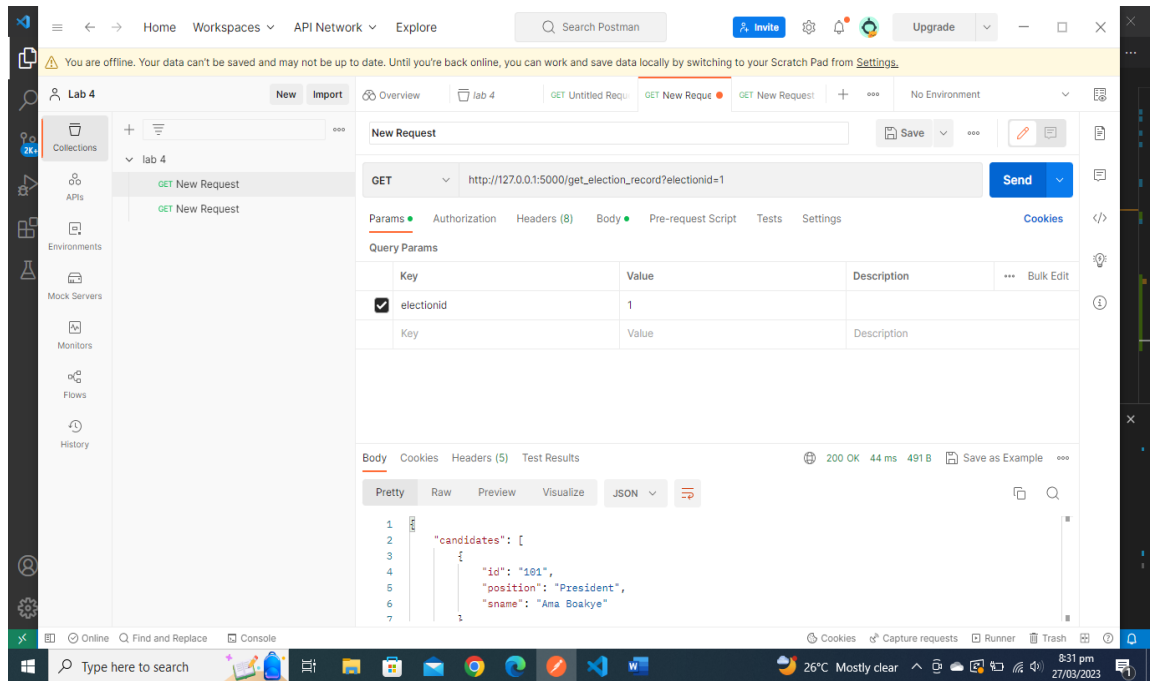
Request:

GET /elections/1

Response:

200 (OK)

```
{
  "elections_id": 1,
  "name": "ASC Elections 2023",
  "start_date": "2023-06-10",
  "end_date": "2023-06-13",
  "candidates": [
    {
      "id": "101",
      "name": "Ama Boakye",
      "position": "President",
      "votes": 7
    },
    {
      "id": "102",
      "name": "Kwesi Darko",
      "position": "Vice President",
      "votes": 6
    }
  ]
}
```



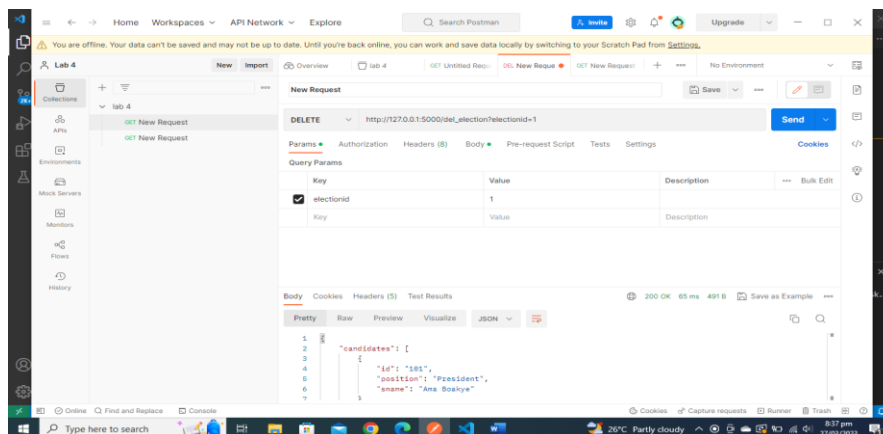
7. Deleting an election

Request:

DELETE /elections/1

Response:

200 (OK)



8. Voting in an election

Request:

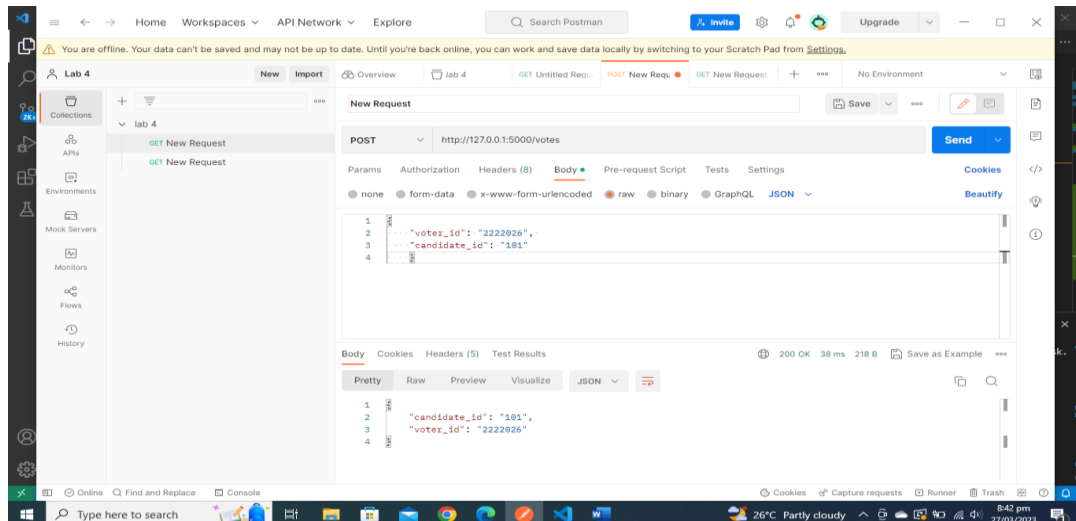
POST /elections/votes

```
{"voter_id": "2222026", "candidate_id": "101"}
```

Response:

200 (OK)

```
{"voter_id": "2222026", "candidate_id": "101"}
```



If user has already voted,

Response

404 (not found)

```
{"error": "Cannot vote twice"}
```

