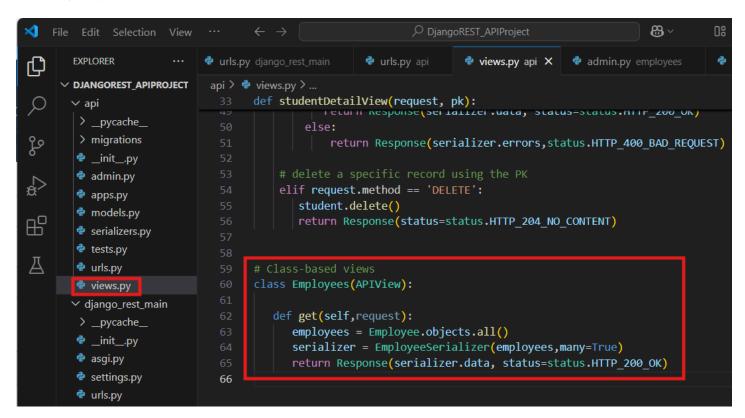
Topic: 8. Updating the Models using Class-Based Views

Speaker: | Notebook: API Development using Django Framework

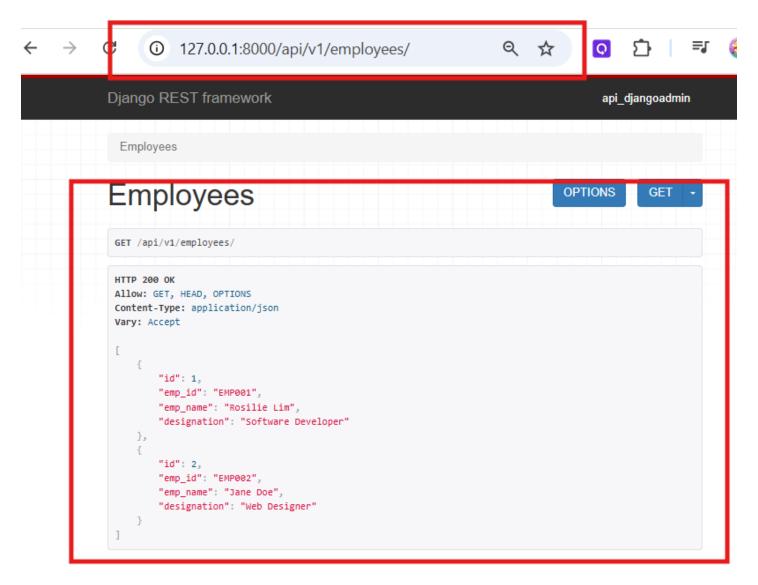


We previously created a new app called EMPLOYEES and a new Employee serializer for our Employee class.

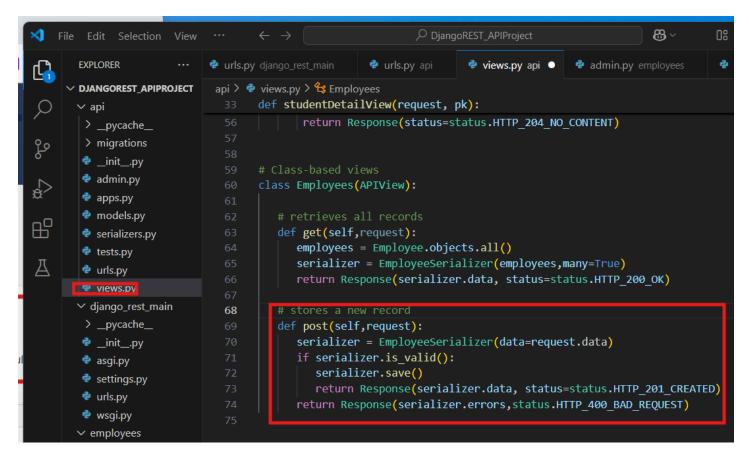
1. Previously, we updated the API\VIEWS.PY to create an EMPLOYEE class and its methods:

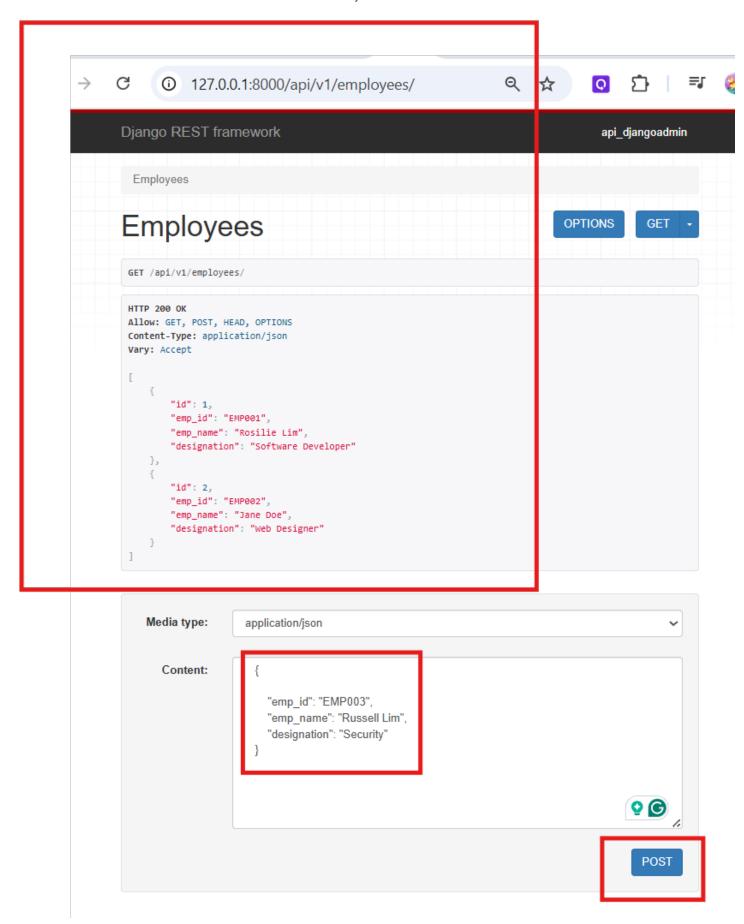


We run the new path:

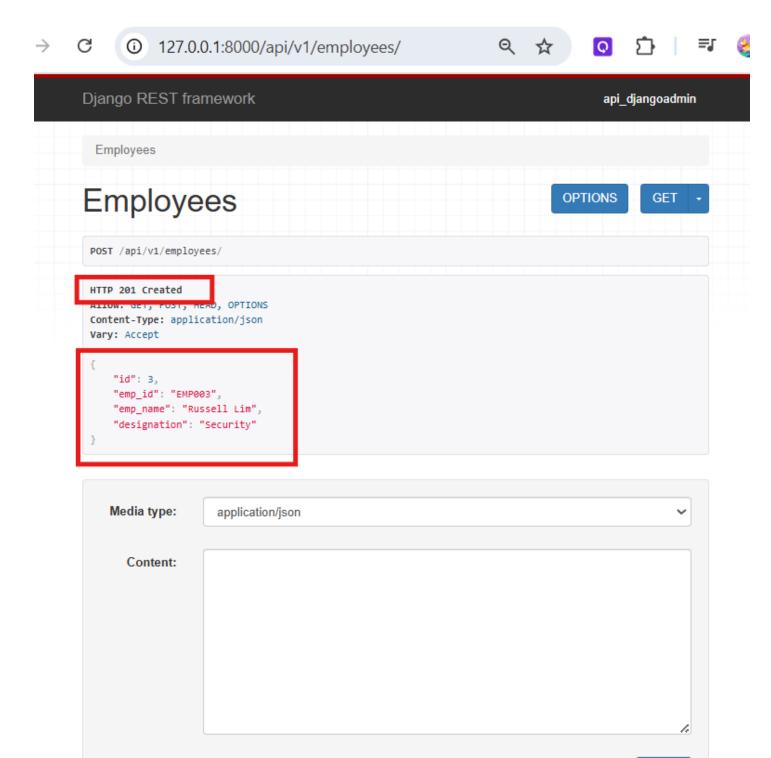


2. To post or add a new record to our model:



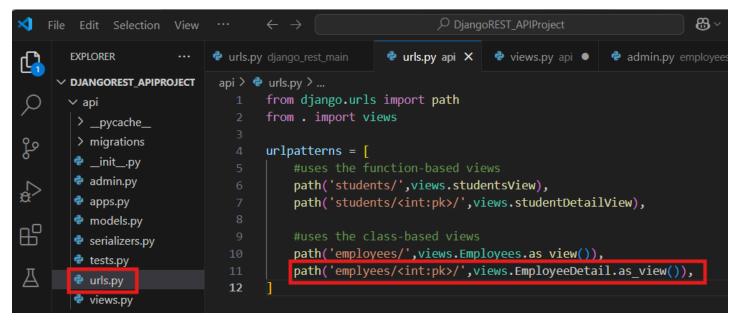


This will result to:



**POST** 

3. To allow a single record operation like CRUD on a specific record, we update our API\URLS.PY as:

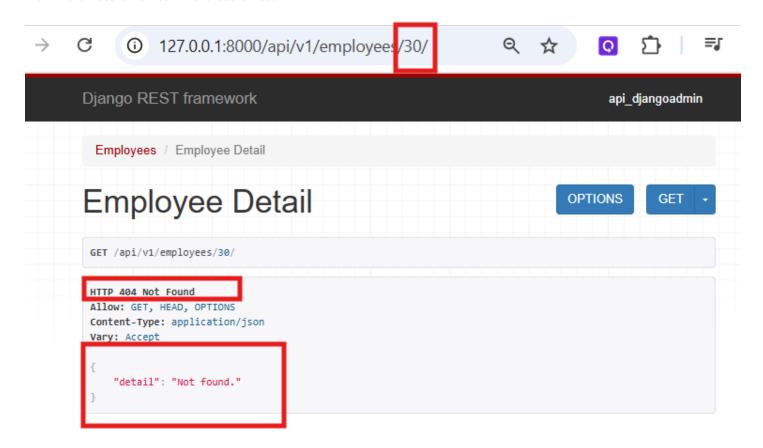


4. Update the API\VIEWS.PY to include EmployeeDetail class:

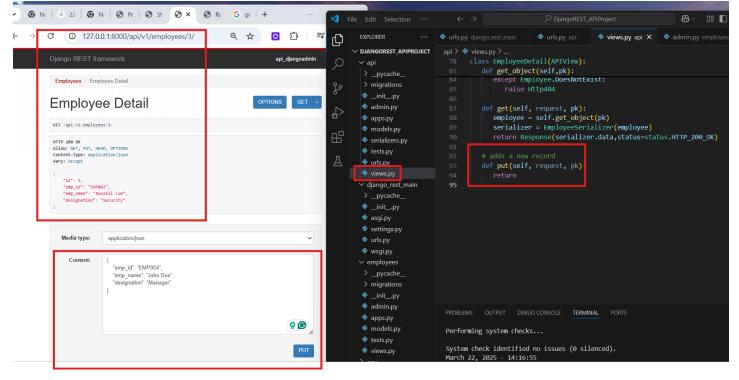
To test, add the path:

http://127.0.0.1:8000/api/v1/employees/3/

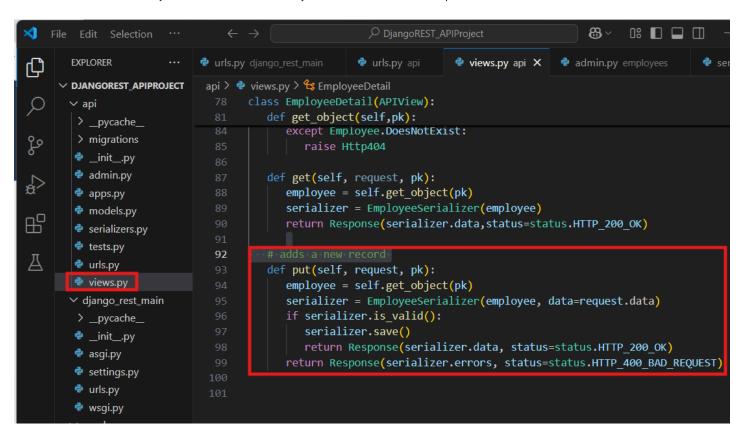
And if the record is not in the table model:



5. To update a single record, update the API\VIEWS.PY as:



This creates the form immediately but this causes an error when you submit the PUT button. So update it as:



Add the new record:







## Django REST framework

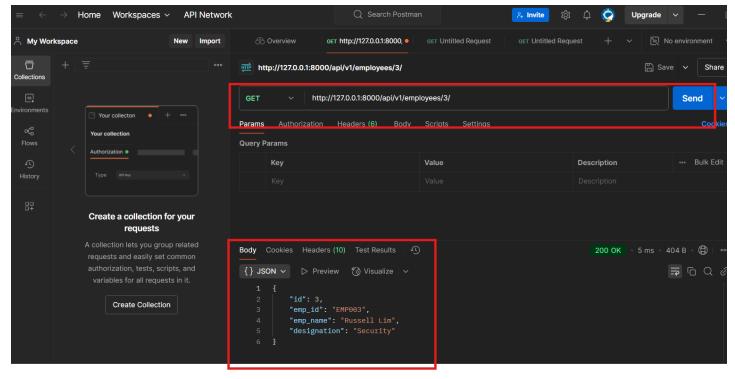
api\_djangoadmin

```
Employees
Employees
                                                                              OPTIONS
                                                                                             GET
 GET /api/v1/employees/
 HTTP 200 OK
 Allow: GET, POST, HEAD, OPTIONS
 Content-Type: application/json
 Vary: Accept
        "id": 1,
        "emp_id": "EMP001",
        "emp_name": "Rosilie Lim",
        "designation": "Software Developer"
        "id": 2,
        "emp_id": "EMP002",
        "emp_name": "Jane Doe",
        "designation": "Web Designer"
    },
        "id": 3,
       "emp_id": "EMP003",
        "emp_name": "Russell Lim",
        "designation": "Security"
```

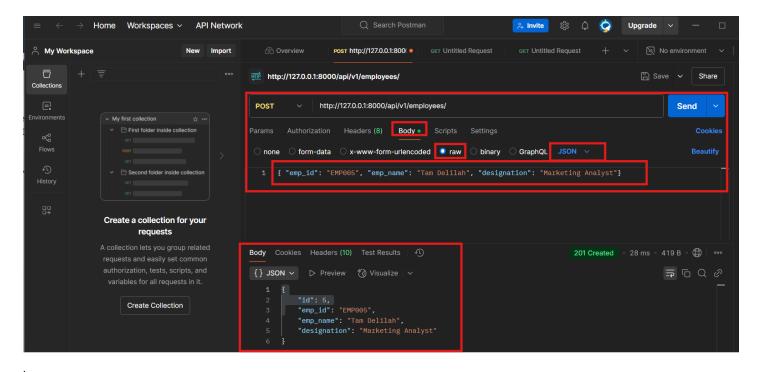
```
Media type: application/json 

Content: 

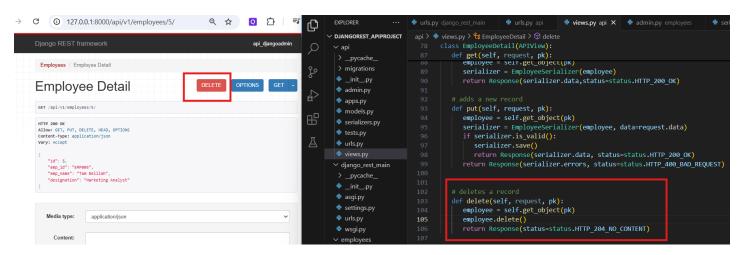
"emp_id": "EMP004",
"emp_name": "John Doe",
"designation": "Ai Engineer"
}
```



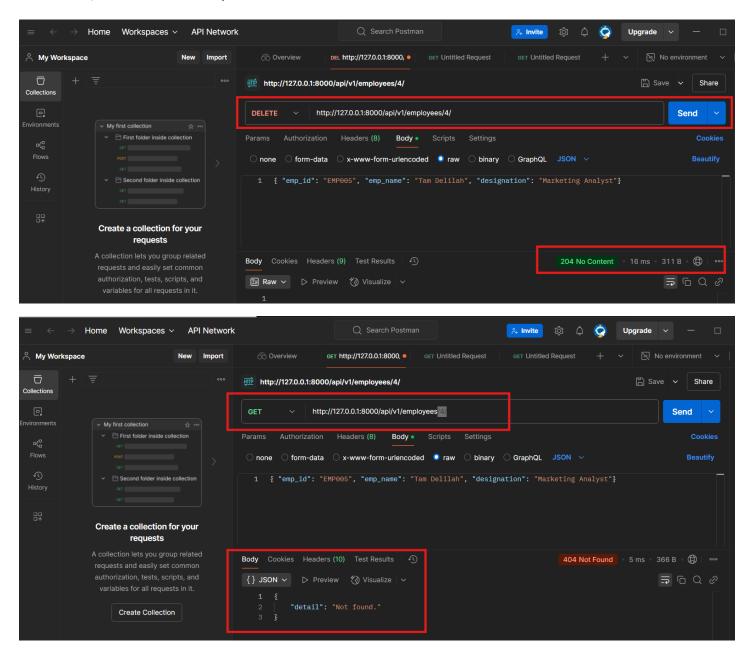
Using POSTMAN to store, choose POST, then select BODY, then RAW, then JSON. Add your records then select the SEND method.



7. To delete a record, create a DELETE method and update as:



8. In POSTMAN, we can also issue a delete option:



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