

NAVYA NARAYAN PANICKER

WEEK 3

DAY 2: 08/10/25 [WEDNESDAY]

TASK : Add endpoints: DELETE /tasks/<id>, PUT /tasks/<id>; optional filtering via query - e.g. ?completed=true

QUESTIONS/REFLECTIONS:

1. What is difference between path parameters vs query parameters?
 - Path parameters:
It identifies a specific resource in the url path.
PP is used when it is part of the resource identity.
To route and map the primary keys.
 - Query parameters:
Modify or filter the resources.
Control the behavior of the resource without changing the identity.
Used for paging, sorting etc.
2. How to handle errors if client passes invalid id / resource not found.
 - Check if the id passed is valid or not then pass 404 not found error in the web API.
 - Use error handling procedures.
3. Describe flow of updating a resource: client sends JSON → Flask handler → modify data → return response.
 - The client sends a request to json: that is PUT etc to the Flask API.
 - The flask receives the requests at the route.
 - The function handler gets the id from the url and and the json using the command `request.get_json()`.
 - The data is then modified and the changes are saved.
 - The handler will then send the response back to the client, if the resource is not found then it gives out a 404 not found error message.