AeroAspire -SDE Intern Training

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Learning topics: PUT / DELETE; parameter passing; path vs query params

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

Questions

1. What is difference between path parameters vs query parameters?
    a. Path parameters
        i. They are a part of the url
        ii. They work on linear paths like a/b/c
    b. Query parameters
        i. They come after a ? in a url
        ii. They work filtering options and access through request.args.get('keyword')
2. How to handle errors if client passes invalid id / resource not found.
    a. Check if a resource exists
    b. and return error codes based on this
3. Describe flow of updating a resource: client sends JSON → Flask handler → modify data → return response.
    a. We send a PUT request with JSON data
    b. Flask reads JSON by request.get_json()
    c. Check for valid input data
    d. Find the resource by checking ID
    e. Update resource with the input data
    f. Return error codes respectively