

Task: Adding Search Filters to Your OOP Python Project

Objective: Enhance the functionality of your existing OOP Python project by implementing search filters.

Instructions:

1. Search Filters:

- Implement search filters to allow users to query and refine data based on specific criteria.
- Develop filter functionality that supports various search parameters relevant to your project's resources.
- Ensure that search filters can handle complex queries and return accurate results.
- Integrate filtering into your view sets or data access layers as appropriate.

2. Documentation:

- Document the available search filters and how they can be used.
- Provide clear explanations and examples of how to apply filters to search queries.
- Include details on filter syntax, parameters, and any limitations or constraints.

Requirements:

- Implement efficient and effective search filters to improve data retrieval in your project.
- Ensure that the filtering logic is robust and performs well under different scenarios.
- Test the filters extensively to ensure they handle various search cases and edge cases.
- Maintain clean and organized code, following best practices for implementing search functionality.

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