

TIME-KEEPER PRESENTATION



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What Will You Find Inside



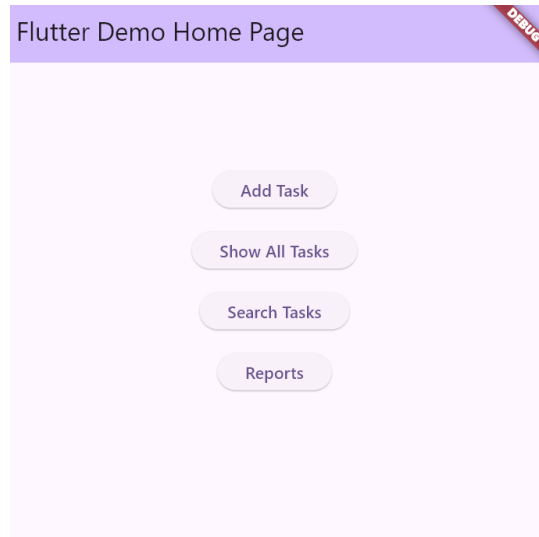
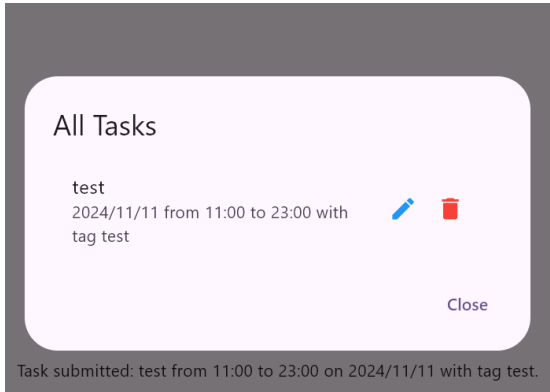
Features that allow you to add, view, edit, and delete to a database of tasks



A feature to search the database for specific tasks



A feature to generate reports based on the tasks in the database

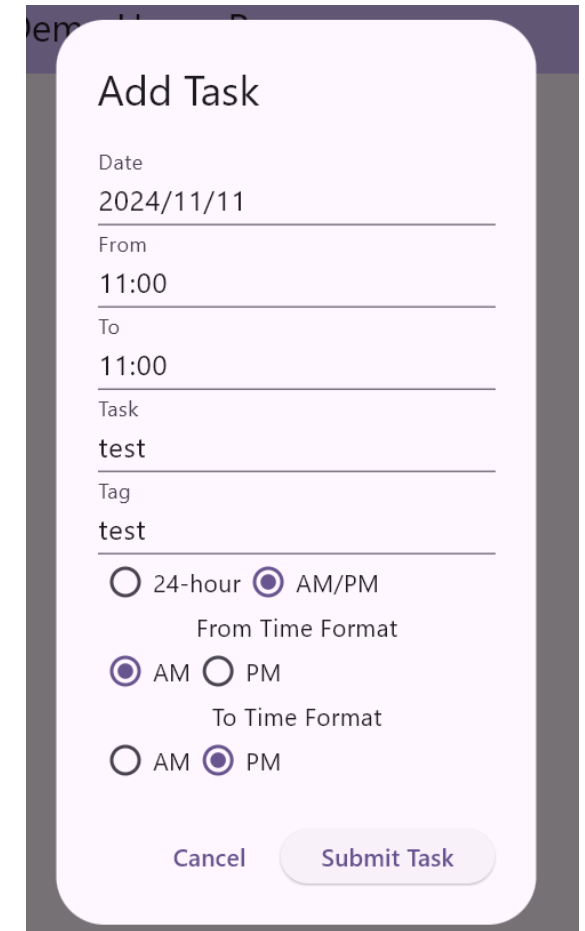


Feature 1: Add, View, Edit, and Delete



You can add tasks with data formatting and validation is check.

You can view then edit or delete task



Feature 2: Search the database

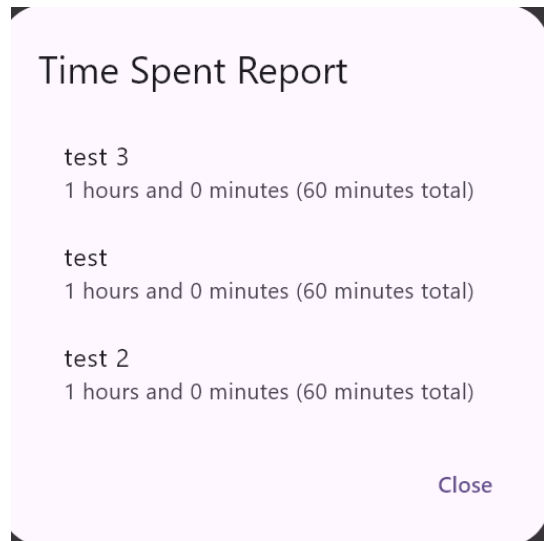


You can search the database based on criteria.

You can add a list of tags to search for by listing all tags separated by commas.

A screenshot of a 'Search Tasks' dialog box. It has a light purple background and rounded corners. The title 'Search Tasks' is at the top. Below it are three input fields: 'Date' with the value '2024/11/27', 'Task' (empty), and 'Tag' with the value 'test, test 2, test 3'. At the bottom are two buttons: 'Cancel' and 'Search'.

A screenshot of an 'All Tasks' list. It has a light purple background and rounded corners. The title 'All Tasks' is at the top. Below it are three task entries, each with a blue pencil icon and a red trash can icon to its right. The tasks are: 'test 3' with details '2024/11/27 from 11:00 to 12:00 with tag test 3', 'test' with details '2024/11/27 from 11:00 to 12:00 with tag test', and 'test 2' with details '2024/11/27 from 11:00 to 12:00 with tag test 2'. At the bottom right is a 'Close' button.

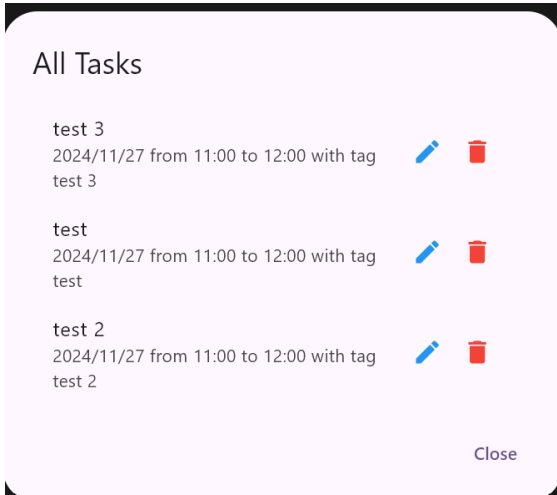


Feature 3: Report Generation

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Date range report allows you to see all tasks done between 2 selected dates.

Time Spent Report allows you to see all the time spent on tasks with the same tags.



Test Coverage

The following tests were ran with 24 test cases with 100 test coverage within 6 test:

Verify all data fields are collected in the dataset after entering modules.

Confirm date and time fields accept various input formats.

Ensure data can be edited and deleted through the modules.

Validate data constraints function properly.

Verify search modules return known results in the dataset.

Confirm search results meet all specified criteria.

Ensure the report module generates reports within a specified date range.

Confirm the report module lists activities with total time spent in descending order.

Verify data input and proper enforcement of input constraints.

Confirm keyword search retrieves accurate results and enforces constraints.

Validate generation of activity reports.

Validate generation of priority reports.

Test data input functionality communication with the database.

Verify keyword search function communicates with the database and returns results.

Confirm activity report generation communicates with the database.

Confirm priority report generation communicates with the database.

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03:43 +6: All tests passed!
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PS C:\Users\cacol\OneDrive\Documents\ASE 456\HW8\Time-Keeper_HW8\time_keeper> █
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