Collections and Persistence

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PROG10004: Programming Principles

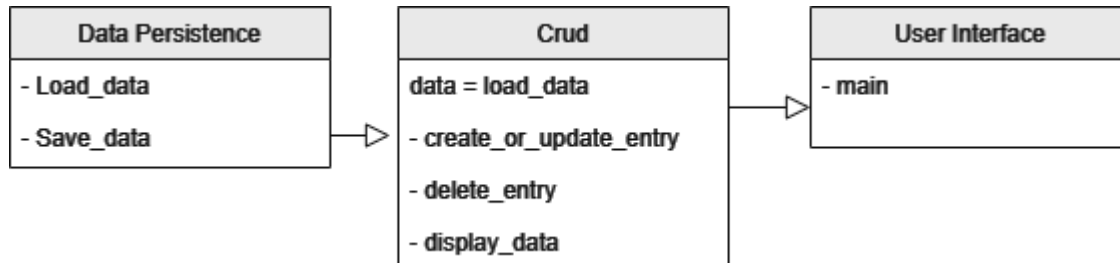Muhammad Asif

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Data Persistence - Data handling of books.json
Crud - Responsible for all create, read, update and delete
User Interface - Responsible for all user interaction

UML and Class Relations

Load_data - Responsible for loading data from books.json
Save_data - Responsible for saving data to books.json
create_or_update_entry - Combines create and update into a single function.
Responsible for creating and updating entries in books.json.
delete_entry - Responsible for deleting entries from the json file.
Display_data - Responsible for displaying data when the user wants to read the data.
Main - Responsible for all user interactions. User is faced with 4 options, read, create/update, delete, and exit.

Final Comments

The assignment was not as tough as previous assignments. The purpose was to create a crud program. Since the professor explained everything so clearly, I did not have any complications in solving the assignment.