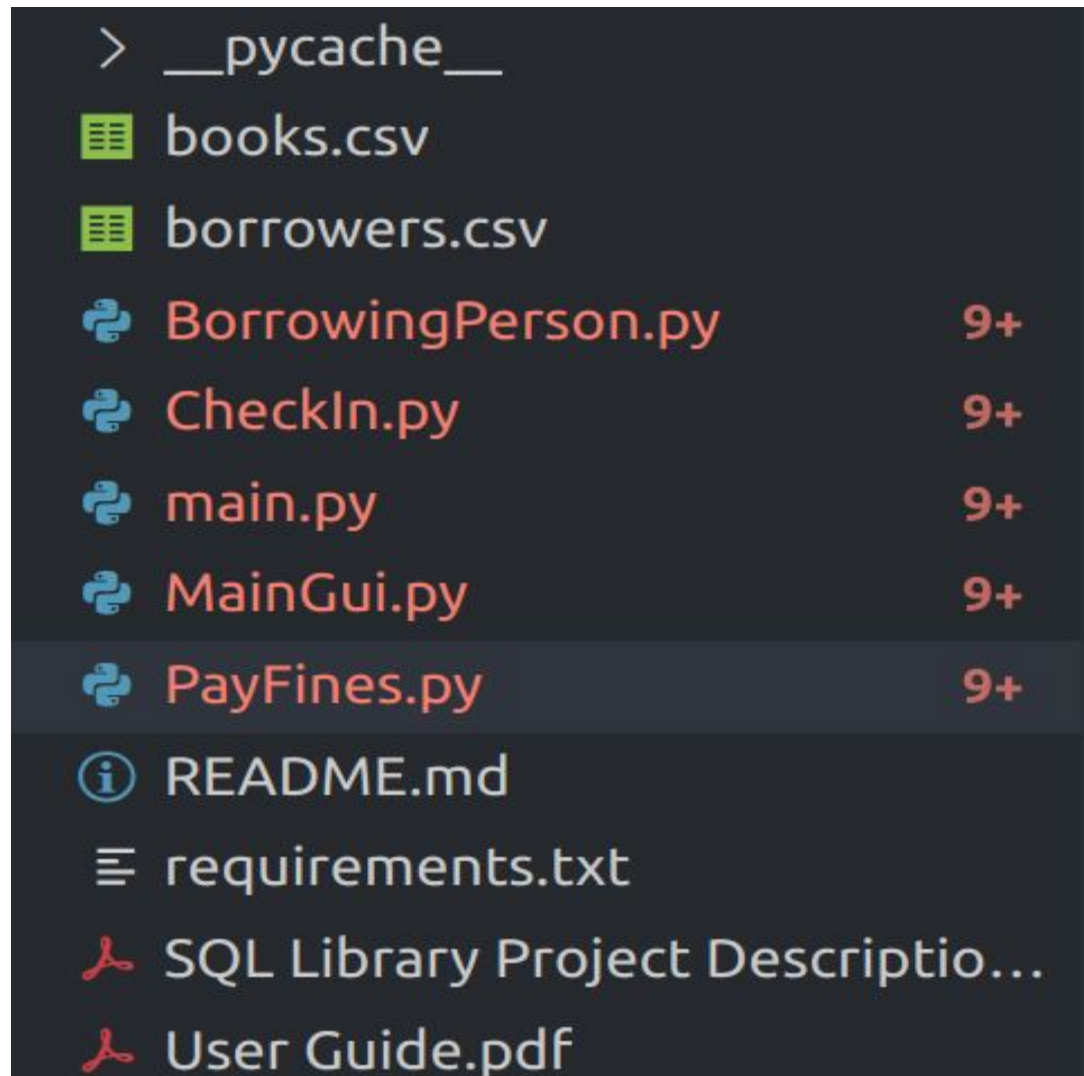


Database Design CS 6360.501

System Architecture -



The project is split into 5 main “Files” or Classes.

1. Borrowing Person
2. MainGUI
3. PayFines
4. CheckIn

5. Main.py

- A. Main.py is responsible for the starting point of the code
- B. MainGUI is responsible for running the tkinter gui mainloop and the interactions
- C. BorrowingPerson is responsible for the Customer Class or Model and defines Person objects and their behavior
- D. PayFines is responsible for the Fine custom class and defines the interaction of fines with the rest of the database
- E. CheckIn is responsible for Fine Calculation as well as main library database updation.