

Project Summary

Project Name: Library Management System

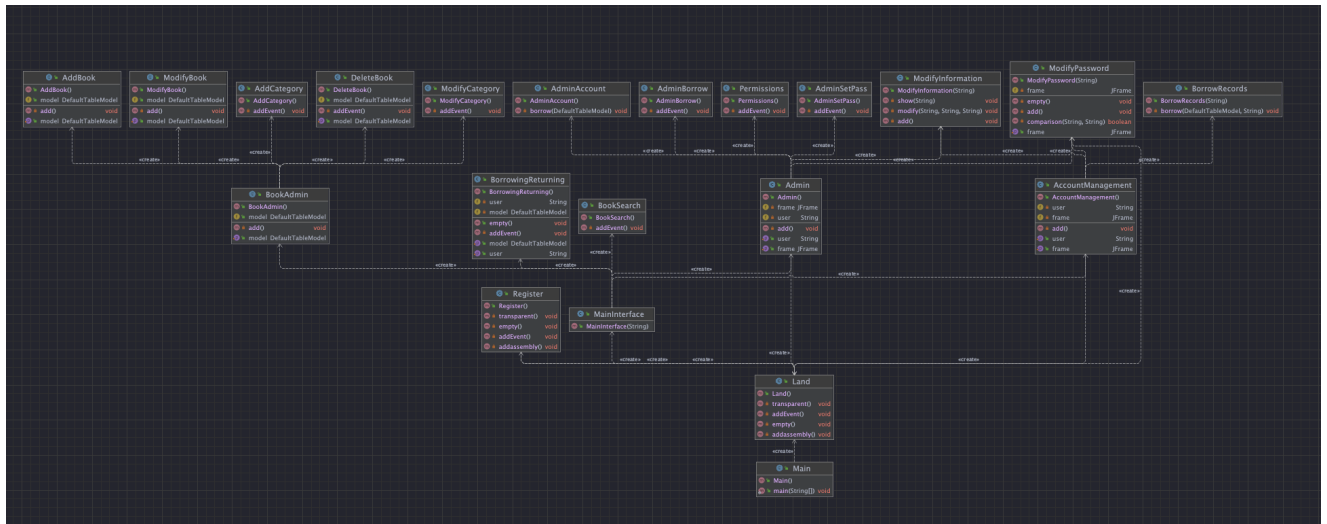
The members: Congke Zhao & Rui Zhang

Work Done: First, we completed the basic interface and the method of connecting to database (but not yet implemented), and defined all interface functions. However, due to the lack of database learning, we haven't made the database part.

The problem that we face: Our project has changed. We don't know how Java connects with other interface languages (HTML). Therefore, we directly implemented the interface in Java, but directly implementing the interface functions makes it very difficult for us to use design patterns.

Pattern: We do not know the use of the current mode. The interface we are making now only depends on.

Diagram:





Plan for Next Iteration: Next, we will add the database part. Next, we will redesign the code and add more design patterns. We will have a lot of work to complete, and we may realize the background of each interface through Factory Pattern. And use Facade Pattern to unify the interface size or font of the sub interface. In the database, when the state of an object (addition or deletion of books) changes, all dependent objects (directories of all books) will change.