Development Documentation

The Build Process for this project includes downloading this project onto your own VisualStudioCode and running : javac LibraryMenu.java in the terminal.

The compiler time dependants in this project are LibraryMeny.java, Library.java, LibraryItem.java, Author.java, Patron.java, Student.java, Employee.java, Book.java, and Periodicals.java.

A Database for this project would have Tables: LibraryItem, Author, Patron, Employee, Student, Book, and Periodical, each with attributes defined by their private values. LibraryItem would have a one to many relationship with Patron and Author. As both Patron and Author can have many LibraryItems but a LibraryItem can have only one Patron or Author.

Employee and Student would be linked to Patron as they are subclasses of Patron.

Book and Periodical would be linked to LibraryItem as they are subclasses of LibraryItem.

An entity relationship can be found in the User Documentation.

To get the source code from GitHub, log onto GitHub in your browser, search for “Oram1288”, once found click “repositories” and navigate to “Sprint1\_Java”, once inside you should see a green “Code” button, click that and you will see a symbol that is 2 squares overlapping. Click this to copy repository URL. Now enter your GitHub Desktop and click current repository in the top left. Click “add” and “Clone repository” then navigate to URL and enter the copied url. The repository should now be set as your current repository. You can now click “Open in Visual Studio Code” to see the project in your Visual Studio Code.