



SOFE3650U Final Proposal

Group 21

Name	Student ID
Aryan Singh	100748196
Joshua Ramnaraine	100692194
Fredrick Tetteh	100569808
Fayomi Toyin	100765921

Title of the project:

Online Library System --- Yeezy Books

Description of project:

The Yeezy Book online system is a tool that allows users to borrow books remotely. During the pandemic we understand that physical interaction has become difficult. Which is why we designed this application for users to access their books remotely for free. Users can create an account in our system, borrow up to 5 books of their choice, and up to two copies of the same book. For Employees, they have the ability to add other employees; user, modify number books available, number of copies. Employees can keep track of books that users borrow and ensure books are returned at the date of return.

Functional Requirements

Requirement #	Description
1	Customers can create an account with a unique password and username
2	Customers can access the application with their account and only view the contents in their account
3	Customers can search and select any book available in the system
4	Customers are able to borrow up to 5 books, 2 copies of same book maximum
5	When a customer borrows a book they have the option extend to maximum of 1 week
6	If a book is past due, it will automatically return that book back to library and notify the customer
7	Employees can add/delete book, and update number of copies for that book
8	Employees have to ability to add new employees and customers

Non-Functional Requirements

Requirement #	Description
1	Application can be available 24/7
2	Application will be user friendly
3	Application will contain a local database stored with all the books
4	Employees can enable/disable a customer account
5	Application will be secure and protect all users account information