

Feature Checklist

Team: Coding Crew

Feature	Owner (Student Full Name)
Book Browsing and Sorting	Alejandro Cartagena
Book Details	Nathan Ciche
Profile Management	Schadrack Cineas
Shopping Cart	Michael Charran
Book Rating and Commenting	Kayum Chowdhury
Wish List Management	Alan Chipy

Github link:

Architecture and Technology

Please describe what architecture you will use for your project.

The application should be a web application and has a common database where data is stored.

Feature	Technology / Product
Business Layer / Rest API / MVC	Flask
Database Backend	SQLite

Book Browsing and Sorting

- € Must be able to retrieve List of Books by Genre
- € Must be able to retrieve List of Top Sellers (Top 10 books that have sold the most copied)
- € Must be able to retrieve List of Books for a particular rating and higher
- € Must be able to retrieve List of X Books at a time where X is an integer

Each item is worth 10 points.

Total Achieved Functionality: __ out of 4

Integrated:

Profile Management

- € Must be able to create a User with username(email), password and optional fields (name, email address, home address)
- € Must be able to retrieve a User Object and its fields by their username
- € Must be able to update the user and any of their fields except for mail
- € Must be able to create Credit Card that belongs to a User and Retrieve a list of cards for that user

Each item is worth 10 points.

Total Achieved Functionality: ____ out of 4

Integrated:

Shopping Cart

- € Must be able create a shopping cart instance for a user. Shopping cart must belong to a user.
- € Must be able to update the shopping cart with a book.
- € Must be able to retrieve the list of book(s) in the shopping cart.
- € Must be able to delete a book from the shopping cart instance for that user.

Each item is worth 10 points.

Total Achieved Functionality: ____ out of 4

Integrated:

Book Details

- € An administrator must be able to create a book with the book ISBN, book name, book description, price, author, genre, publisher , year published and copies sold.
- € Must be able retrieve a book's details by the ISBN
- € An administrator must be able to create an author with first name, last name, biography and publisher
- € Must be able to retrieve a list of books associate with an author

Each item is worth 10 points.

Total Achieved Functionality: ____ out of 4

Integrated:

Book Rating and Commenting

- € Must be able to create a rating for a book by a user on a 5 star scale with a datestamp
- € Must be able to create a comment for a book by a user with a datestamp
- € Must be able to retrieve a list of ratings and comments sorted by highest rating
- € Must be able to retrieve the average rating for a book

Each item is worth 10 points.

Total Achieved Functionality: ____ out of 4

Integrated:

Wish List Management

- € Must be able to create a wishlist of books that belongs to user and has a unique name
- € Must be able to add a book to a user's wishlist
- € Must be able to remove a book from a user's wishlist into the user's shopping cart
- € Must be able to list the book's in a user's wishlist

Each item is worth 10 points.

Total Achieved Functionality: ____ out of 4

Integrated: