

Library System

a. **Team:** Ankita Singh, Krithika Balan, Omkar Pawar

b. **Title:** Online Library system

c. **Description:** A website which allows library patrons to browse, check out and return books. The library staff will be able to use the system to manage books in circulation and the customers signed up on the system

d. **Actors:** Admin, Staff, Customers

e. **Functionality:**

- Customers can sign up.
- Customers can log in.
- Customer can select preferred genres.
- Customers can browse books based on title, author, genre or ISBN.
- Customers can borrow books.
- Customers can return books.
- Customers can add reviews for books.
- Home page would display books based on customer's' preferred genres and genres rented previously.
- Late fee will be displayed on customer's account.
- Customers can send questions to staff.
- Staff can log in.
- Staff can answer customer questions.
- Staff can add books to circulation.
- Staff can update details of books in circulation.
- Staff can remove books from circulation.
- Staff can block customer accounts if needed.
- Staff can unblock customer accounts if needed.
- Staff can add reviews for books.
- Admin can log in.
- Admin can add staff accounts.
- Admin can remove staff accounts.
- Admin can lock staff accounts.
- Admin can unlock staff accounts.

f. **Stretch Functionality:**

- Reminders will be sent to customers when due date approaches.
- Donate books to the library