BiblioTech
A library database management software
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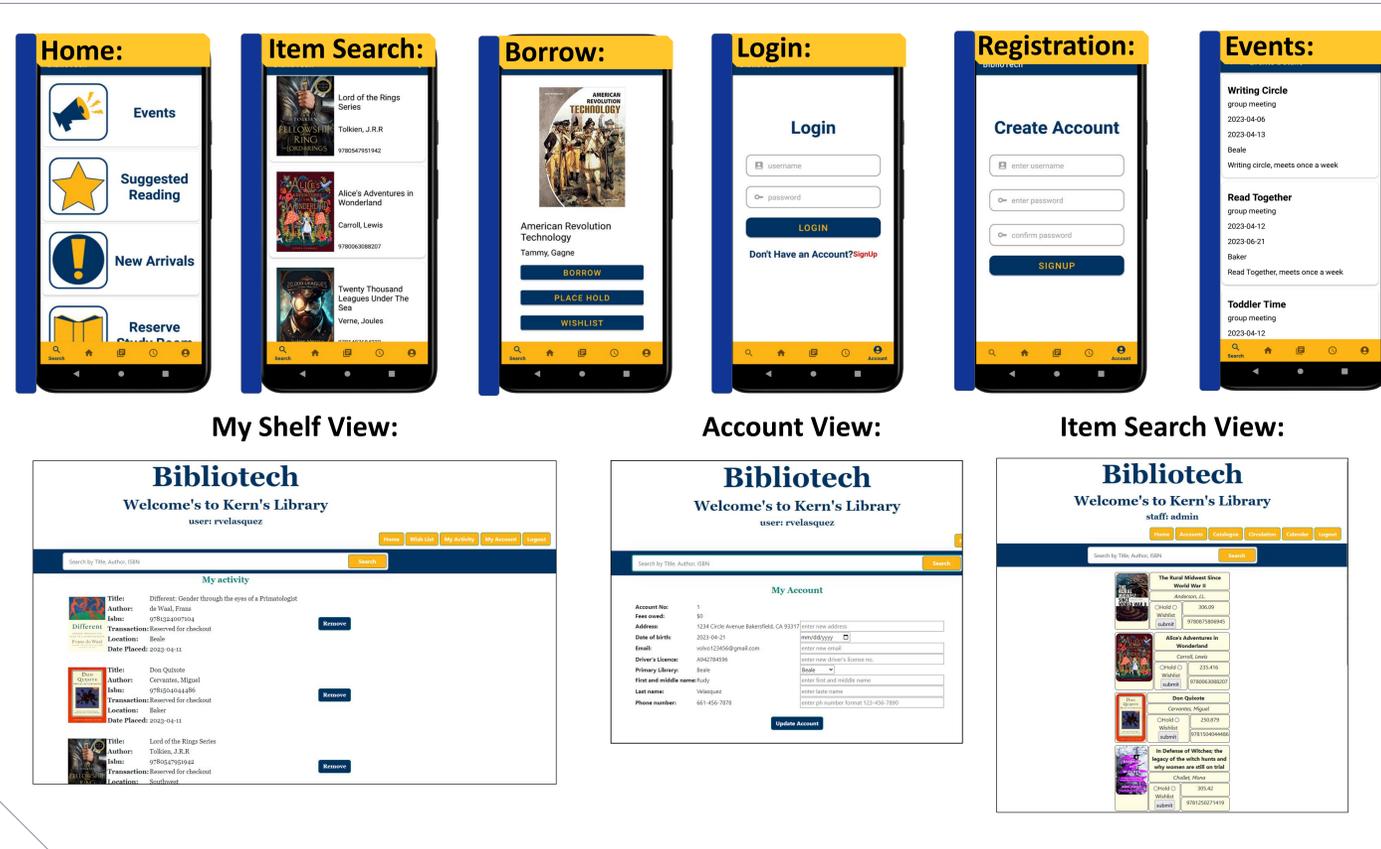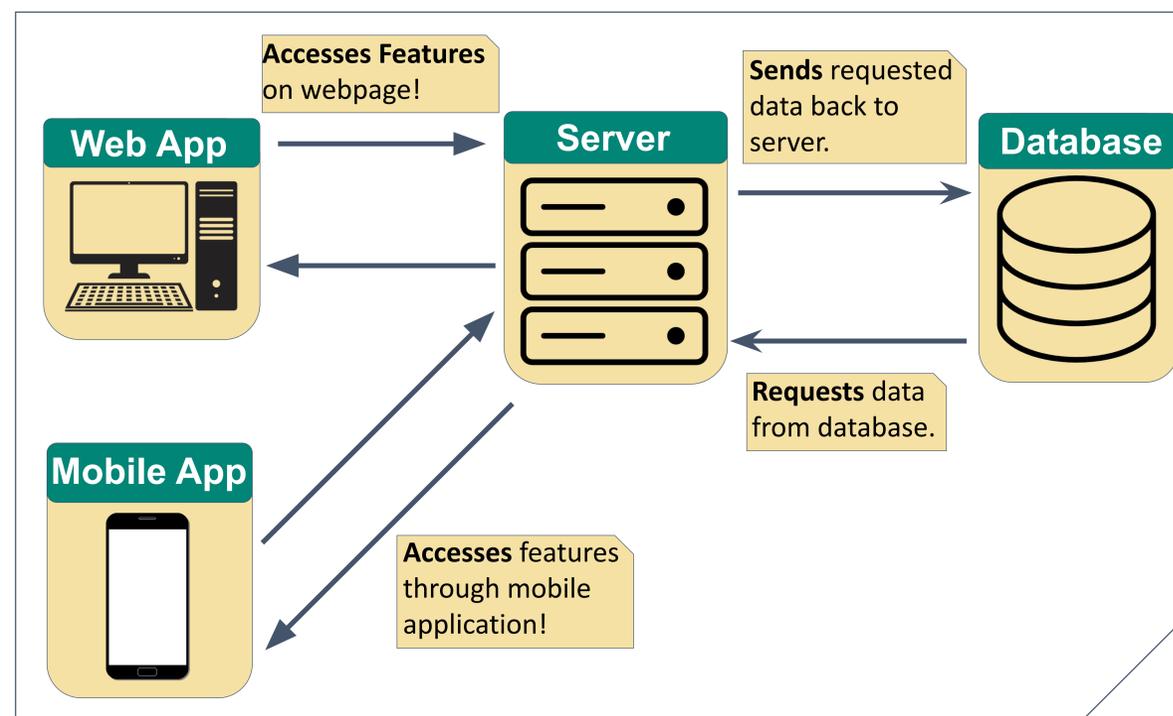
What is BiblioTech?

- **BiblioTech** is a web and phone **application to manage a library** database!
- Provides patrons a way to easily view and check out books, view ongoing and upcoming library events, manage fees, holds and checkouts through an accessible interface.
- Staff can easily manage the catalogue, scan books in and work with patrons to make the process **faster and easier**!

Why BiblioTech?

- The San Joaquin Library System and the apps we use are very dispersed, each having varying quality.
- Right now, a staff member will use applications meant for patrons, as they have better accessibility than the application for staff, using **2-3 applications to do simple tasks**.
- Overly complicated applications and poor accessibility makes **serving patrons difficult**!
- **BiblioTech** will be a hub for all these features to provide a central hub for **ease of use** with **accessibility** for patrons and staff!

Home: · **Item Search:** · **Borrow:** · **Login:** · **Registration:** · **Events:**

My Shelf View: · **Account View:** · **Item Search View:**

Web App — **Accesses Features** on webpage!
Server — **Sends** requested data back to server.
Database
Requests data from database.
Mobile App — **Accesses** features through mobile application!

Features

Catalogue
- Has Books, Books on CD, CD!
- View and search catalogue with simple and intuitive interface!
- Place items on hold!
- Check out items!
  #### Staff
  - Add / edit / delete items
  - Scan items with your mobile device. (Coming Soon!)

Calendar
- View Current and Upcoming events
- Request a study room / meeting room
  #### Staff
  - Create / edit events

Account
- Manage account details
- Pay fees
- Create a library account
  #### Staff
  - Edit patron accounts
  - Manage fees

Resources

android studio · Java · PHP · Bootstrap · MariaDB MySQL · HTML5 · CSS3 · JS