

CDAC Mumbai

Web Programming Technologies

Total: 15 Marks

Website Design: *Community Lending Library*

Description:

Develop a system for borrowing and lending books, tools, or other resources within a community. The platform should feature catalogue listings, check-in/check-out tracking, and reservation functionality.

Requirements

1. **Technologies:** HTML, CSS, Bootstrap, JavaScript
 2. **Pages and Layout**
 - **Home:** Overview of community resources available for borrowing.
 - **Catalogue Listings:** Detailed pages for each item with descriptions and availability status.
 - **Check-In/Check-Out System:** Interface for users to borrow and return items.
 - **Reservation Functionality:** Option for users to reserve items that are currently checked out.
 - **Contact Us:** For inquiries and support.
 - **Sign Up/Sign In:** User registration and login functionality.
 - **Responsive Design:** Ensure responsiveness across devices using CSS/Bootstrap.
 3. **CRUD Operations**
 - **Create:** Allow users to add new items to the catalogue.
 - **Read:** Display available items and their details.
 - **Update:** Enable users to modify item information and track status.
 - **Delete:** Allow users to remove items from the catalogue.
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Note: The listed requirements are mandatory, including catalogue listings and check-in/check-out systems. Validations are required wherever applicable. Extra marks for any unique functionality. Full creative freedom in design.
