

# Hackathon : Online Library Management System

## Hackathon Details:

- **Project Title:** Online Library Management System
- **Submission Deadline Date:** October 30th, 2023
- **Maximum Team Size:** 4 people
- **Prize:** 10,000 INR worth of hamper for the winning team

## Overview:

Welcome to the Online Library Management System Hackathon! In this hackathon, participants will collaborate in teams of up to 4 members to create a functional and demoable online library management system. The system will cater to different types of users, including sellers, buyers, and administrators. Participants will have the opportunity to showcase their project by the deadline.

## Project Details:

Title: Online Library Management System

## Project Requirements:

### 1. User Roles:

- Buyer: Users who can search, browse, and purchase books.
- Seller: Users who can manage book inventory, upload new books, and track sales.
- Admin: Users with administrative privileges to add or remove sellers from the system.

### 2. Book Management:

- Sellers should be able to upload PDF versions of books to the system.
- Buyers should be able to download purchased books in PDF format
- Sellers should have the ability to manage their book inventory.

### 3. Payment System:

- Implement a mock-up payment system for buyers to purchase books.
- Keep track of transactions and orders.

### 4. Book Search and Browse:

- Buyers should be able to search for books based on various search criteria, including title, author, genre, etc.
- Buyers should be able to browse books by different categories.

**Hackathon Rules:**

- Teams can consist of a maximum of 4 members.
- Each team should create a functional online library management system adhering to the project requirements mentioned above.
- The project should be running and demoable by the deadline, October 30th, 2023.
- Participants are encouraged to be creative and innovative in their project design and implementation.
- Teams should submit their projects and be prepared to provide a live demo by the deadline.
- The winning team will receive a prize worth 10,000 INR in the form of a hamper.

**Judging Criteria:**

Projects will be evaluated based on the following criteria:

- Functionality and Completeness
- Code Quality and Structure
- Presentation and Demo

**Contact:**

For any questions or clarifications, please use **LLD HACKATHON discord channel** or mail at **support@keertipurswanicourses.com**.

Join us in this exciting hackathon, bring your coding skills to the forefront, and create an impressive Online Library Management System! We look forward to your participation.