FINAL PROJECT

Project Ideas

1. Library Management System:

- Add new books to the library inventory.
- Allow users to search for books by title, author, or genre.
- Enable users to borrow and return books.
- Implement a reservation system for popular books.
- Generate overdue notifications for late returns.
- Provide statistics on the most borrowed books and popular genres.
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2. Event Management Application:

- Create new events with details like title, description, date, and location.
- Allow users to register for events and manage their registrations.
- Implement different roles such as event organizer and participant.
- Enable event organizers to send notifications and updates to attendees.
- Provide a calendar view for users to see upcoming events.
- Allow users to leave feedback and ratings for events they attended.

3. Online Shopping Platform:

- Display products with images, descriptions, and prices.
- Enable users to search and filter products by category, price range, etc.
- Implement a shopping cart for users to add and remove items.
- Allow users to place orders and make payments securely.
- Provide order tracking and status updates for customers.
- Implement a review and rating system for products.

4. Task Management System:

- Create new tasks with details like title, description, priority, and due date.
- Assign tasks to team members and track their progress.
- Implement task categories and tags for organizing tasks.
- Enable users to set reminders and notifications for upcoming tasks.
- Provide a dashboard with task analytics and progress reports.
- Implement recurring tasks and task dependencies.
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5. Healthcare Appointment Booking System:

- Display available appointment slots for different healthcare services.
- Allow patients to book appointments with doctors or specialists.
- Implement a calendar view for doctors to manage their schedules.
- Enable patients to cancel or reschedule appointments.
- Provide reminders and notifications for upcoming appointments.
- Allow doctors to access patient medical records and histories.
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6. Inventory Management System:

- Add new products to the inventory with details like name, description, and quantity.
- Track stock levels and receive alerts for low inventory.
- Implement code scanning for easy product identification.
- Enable users to create purchase orders and track supplier deliveries.
- Provide reports on inventory turnover, sales trends, and stock levels.
- Implement batch tracking for products with expiration dates.

7. Travel Booking Platform:

- Display available flights, hotels, and travel packages.
- Allow users to search and filter travel options by destination, date, and price.
- Implement a booking system for flights and accommodations.
- Provide recommendations based on user preferences and previous bookings.
- Enable users to create travel itineraries and share them with others.
- Implement a review system for hotels, airlines, and travel agencies.
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8. Financial Management System:

- Track income and expenses across different categories (e.g., rent, groceries, entertainment).
- Implement budgeting tools to set spending limits and savings goals.
- Allow users to link bank accounts and credit cards for automatic transaction imports.
- Provide insights and analysis on spending habits and trends.
- Implement bill reminders and alerts for upcoming payments.
- Enable users to generate customizable financial reports.
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9. Task Tracking Application for Agile Teams:

- Create user stories and tasks for agile development projects.
- Implement sprint planning and backlog management features.
- Allow team members to estimate and assign tasks during sprint planning.
- Provide a burndown chart and velocity tracking for each sprint.
- Enable team members to collaborate and communicate within the application.
- Implement retrospective meetings and feedback collection.

10. Social Media Platform:

- Allow users to create profiles with personal information and profile pictures.
- Implement a news feed displaying posts from friends and followed accounts.
- Enable users to create and publish posts with text, images, and videos.
- Provide commenting and liking functionalities for posts.
- Implement direct messaging and group chat features.
- Enable users to discover new accounts and follow them based on interests.