**1. Project: Library Management System**

**Title:**  
Great Library of Zoho

**Target Audience:**  
Students, College staff, Aspirants, Business people, Common readers, Book lovers, Librarians, Narrators, Directors, Poets, Readers

**Type:**  
B2B

**Timeline:**  
4 weeks (approx.)

**Budget:**  
Rs: 0

**Total Members:**  
1

**Features:**

1. **Register Page** (User registration, Librarian registration)
2. **Authentication - Login** (Admin, Librarian, User)
3. **Add Books** (Admin / Librarian can add new books)
4. **Library Users/Members Management** (View/Edit/Delete users)
5. **Searching and Filtering Books** (Title, Author, Category)
6. **Book Details Page** (Full details about a selected book)
7. **Borrowing Books with Timeline** (Issue/Return dates)
8. **Fine Amount for Overdue Books** (Calculate and show payment details)
9. **Credit System - Discount** (Based on borrowing history)

**Data Models:**

Login: Class

-username: String

-password: String

-role: String

Registration: Class

-firstName: String

-lastName: String

-email: String

-phone: String

-username: String

-password: String

-userType: String

Book: Class

-bookId: String

-title: String

-author: String

-category: String

-isbn: String

-totalCopies: int

-availableCopies: int

-description: String

User: Class

-userId: String

-name: String

-email: String

-phone: String

-role: String

BorrowingRecord: Class

-recordId: String

-userId: String

-bookId: String

-issueDate: Date

-returnDate: Date

-isReturned: boolean

Fine: Class

-fineId: String

-userId: String

-bookId: String

-amount: double

-isPaid: boolean

CreditSystem: Class

-userId: String

-totalBooksBorrowed: int

-discountPercentage: double

**2. Project: Employee Management System**

**Title:**  
WorkNest

**Target Audience:**  
Startups, Small-Medium Businesses, Corporates, HR Managers, Team Leads

**Type:**  
B2B

**Timeline:**  
4 weeks (approx.)

**Budget:**  
Rs: 0

**Total Members:**  
1

**Features:**

1. **Register Page** (New Employee Registration form)
2. **Authentication - Login** (HR/Admin/Employee roles)
3. **Employee Management** (Add, Edit, Delete Employee data)
4. **Employee Profile Page** (Personal info, Work info)
5. **Attendance Management** (Mark present, absent, leave)
6. **Leave Request & Approval System** (Apply and approve leaves)
7. **Salary Management** (View salary slips, bonuses, deductions)
8. **Task Assignment** (Assign tasks and deadlines)
9. **Performance Review Management** (Annual/quarterly evaluations)
10. **Department Management** (Organize employees by department)

**Data Models:**

Login: Class

-username: String

-password: String

-role: String

Employee: Class

-employeeId: String

-firstName: String

-lastName: String

-email: String

-phone: String

-department: String

-role: String

-salary: double

Attendance: Class

-attendanceId: String

-employeeId: String

-date: Date

-status: String

LeaveRequest: Class

-requestId: String

-employeeId: String

-startDate: Date

-endDate: Date

-reason: String

-status: String

Task: Class

-taskId: String

-assignedTo: String

-title: String

-description: String

-deadline: Date

-status: String

PerformanceReview: Class

-reviewId: String

-employeeId: String

-reviewer: String

-comments: String

-rating: double

-reviewDate: Date

Department: Class

-departmentId: String

-name: String

-managerId: String

**3. Project: Movie Ticket Booking System**

**Title:**  
MovieMania

**Target Audience:**  
Movie Lovers, Students, Working Professionals, Families, Group Organizers, Cinema Theaters

**Type:**  
B2C

**Timeline:**  
4 weeks (approx.)

**Budget:**  
Rs: 0

**Total Members:**  
1

**Features:**

1. **Register Page** (New user signup form)
2. **Authentication - Login** (User/Admin)
3. **Admin Panel - Manage Theaters and Screens** (Add/Edit/Delete theaters, screens)
4. **Admin Panel - Manage Movies** (Add/Edit/Delete movies with showtimes)
5. **Search and Filter Movies** (by city, genre, rating, language)
6. **Movie Details Page** (Show synopsis, cast, trailer, showtimes)
7. **Seat Selection System** (Interactive seating layout)
8. **Booking Confirmation with Ticket Details** (Date, Seat numbers, Theater info)
9. **View Booking History** (User profile page: Past and upcoming bookings)
10. **Cancel Booking** (Allow users to cancel with refund policy)

**Data Models:**

Login: Class

-username: String

-password: String

-role: String

RegistrationInfo: Class

-firstName: String

-lastName: String

-email: String

-phone: String

-username: String

-password: String

Movie: Class

-movieId: String

-title: String

-genre: String

-language: String

-cast: String

-trailerUrl: String

-description: String

Theater: Class

-theaterId: String

-name: String

-city: String

-address: String

Screen: Class

-screenId: String

-theaterId: String

-name: String

-totalSeats: int

ShowTime: Class

-showId: String

-movieId: String

-screenId: String

-showDate: Date

-timeSlot: String

-price: double

Seat: Class

-seatId: String

-screenId: String

-row: int

-number: int

-isAvailable: boolean

Booking: Class

-bookingId: String

-userId: String

-showId: String

-seatIds: List<String>

-totalPrice: double

-bookingDate: Date

-status: String

DiscountCode: Class

-code: String

-discountPercent: double

-validTill: Date

-isActive: boolean