Course Project Title: Full-Stack Web Application Development
Project Name: Bariwala – Rental & Local Marketplace Platform

1. Objective

you will design and develop a complete full-stack web application that connects **Landlords, Tenants, and Local Buyers/Sellers** into a single digital platform.
The system must support property rental management, communication, payments simulation, and a small marketplace.

This project must be developed within **15 days** and submitted with source code, database, and documentation.

2. Allowed Technologies

You may use **ANY programming language or framework**, but the project must include:

Frontend (Mandatory)

- HTML + CSS + JavaScript OR
- React / Next.js / Vue / Angular
- Mobile responsive design required

Backend (Mandatory)

- Node.js (Express) OR
- Laravel (PHP) OR
- Django (Python) OR
- ASP.NET

Database

- MySQL / PostgreSQL / MongoDB

3. User Roles (Must Implement)

Your system must support **4 types of users**:

1. **Landlord**
2. **Tenant**
3. **Marketplace User (Buyer/Seller)**
4. **Admin**

Each role must have a separate dashboard.

4. Core System Features

4.1 Authentication & Account

- Registration (Email or Phone)
- Login & Logout
- Password encryption
- User profile
- Role selection (Landlord / Tenant)

4.2 Property Listing (Landlord Panel)

Landlord can:

- Add property
- Edit property
- Delete property
- Change availability (Available / Rented)

Each property must include:

- Property type (Flat / Room / Sublet)
- Monthly rent
- Advance/security deposit
- Address
- Map location (Google Map or manual location)
- Distance from main road
- Facilities (Gas, Water, Lift, WiFi etc.)
- Property images upload

4.3 Property Search (Tenant Panel)

Tenant must be able to:

- Search by area
- Filter by rent range
- Filter by property type
- View property details
- Contact landlord

4.4 Messaging System

- Tenant can message landlord
- Landlord can reply
- Chat must be stored in database

4.5 Rent Payment (Simulation)

(No real payment required — simulate only)

System must:

- Generate invoice
- Mark rent as paid
- Save payment history

4.6 Marketplace (Furniture Buy/Sell)

Users can:

- Post furniture/used items
- Add price
- Add condition (New / Used)
- Upload image
- Buyer can contact seller

4.7 Review & Rating

- Tenant can rate landlord
- Landlord can rate tenant
- 1–5 star rating system
- Comment system

4.8 Reporting System

Users can:

- Report fake listing
- Report bad behavior
  Admin must be able to review the report.

4.9 Admin Panel (VERY IMPORTANT)

Admin must be able to:

- View all users
- Block users
- Remove listings
- See reports
- View transactions

5. Submission Requirements

Students must submit:

1. Full Source Code (ZIP)
2. Database (.sql export)
3. Screenshots of system
4. Short documentation (PDF):
   - System description
   - Database structure
   - Features explanation
5. Live demo (if possible)

Deadline: **15 Days**

Failure to demonstrate running system = Project Failed.