Project Proposal

GHAZANFAR PASHA

SAAD ALI

HAROON ABBAS

1. Project Introduction

This is a real estate web platform where users can buy, sell, and bid on properties. It offers three types of property sections:

1. **General Marketplace** – Open listings where buyers and sellers deal at their own risk.
2. **Verified Properties** – Sellers upload ownership documents. Admin verifies and approves listings. These are safer and tracked.
3. **Bidding Section** – Properties listed with a starting price and deadline. Buyers place bids. Highest bidder wins after deadline.

The platform includes user roles (**Admin, Seller, Buyer**), guest access, chat system, and admin-controlled verification to reduce scams.

2. Stakeholders

- **Admin** – Manages users, listings, documents, and platform safety.
- **Seller** – Posts properties, uploads documents, and chats with buyers.
- **Buyer** – Searches, filters, bids, and chats with sellers.
- **Guest User** – Can view listings but cannot interact or post.
- **System** – Sends notifications, enforces deadlines, and ensures platform rules.

3. Functional Requirements

3.1. Functionalities by Stakeholders

◆ **Admin**

- Manage all user accounts and permissions.
- Approve or reject property listings.
- Verify ownership documents and assign "Verified" badge.
- Monitor and moderate chat activity between buyers and sellers.
- Oversee bidding activity and finalize winners after deadlines.
- View reports, user activity, and system health.
- Ensure platform security and reduce scams.

◆ **Seller**

- Register and log in securely.
- Add, edit, and delete property listings with images/videos.
- Upload ownership documents for verification.

- Post properties for bidding with starting price and deadline.
- Chat with buyers securely within the platform.
- Receive notifications about bids, listing approvals, and messages.
- Manage property listings, bids, and chats from dashboard.

◆ Buyer

- Register and log in securely.
- Search and filter property listings by price, location, type, and status.
- Place bids on properties before the deadline.
- Chat with sellers securely within the platform.
- Receive notifications on bid updates, admin approvals, and seller replies.
- Manage placed bids, saved listings, and chats from dashboard.

◆ Guest User

- Browse and view property listings without login.
- Cannot interact, bid, or post properties.

◆ System

- Send real-time notifications for listing approvals, bid updates, and chat messages.
- Track bidding deadlines and ensure fairness.
- Provide secure login, document storage, and data protection.