

Project Submission: Showtime - Real Estate Showing Management

Page 1: Problem & Solution

Problem Statement

In the real estate industry, scheduling property showings is often a chaotic and manual process. Agents and buyers rely on disjointed communication channels such as phone calls, emails, and text messages to coordinate times. This fragmentation results in:

- **Double Bookings:** Multiple buyers arriving at the same time due to lack of synchronization.
- **Inefficiency:** Agents spending hours manually confirming appointments instead of focusing on sales.
- **Poor User Experience:** Buyers facing delays and uncertainty regarding property availability.

Proposed Solution

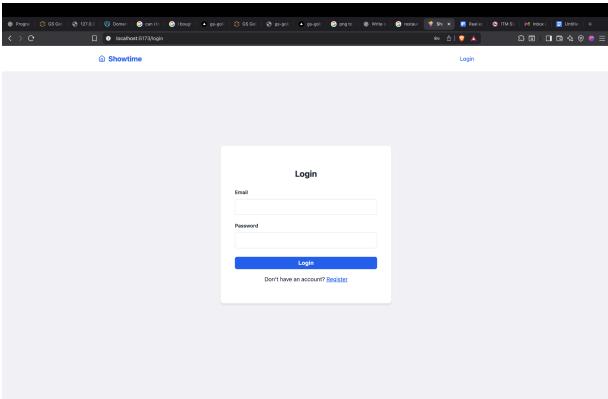
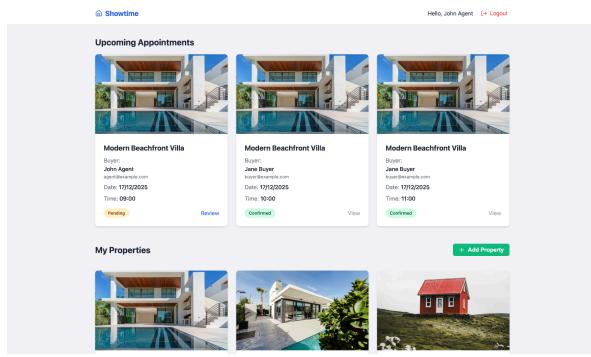
Showtime is a comprehensive full-stack web application designed to streamline the real estate showing process by creating a centralized platform for Agents and Buyers.

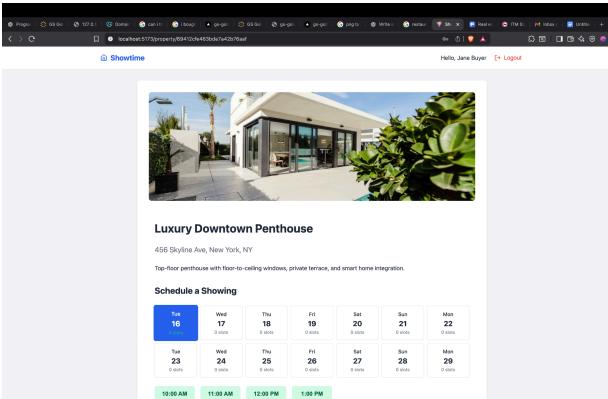
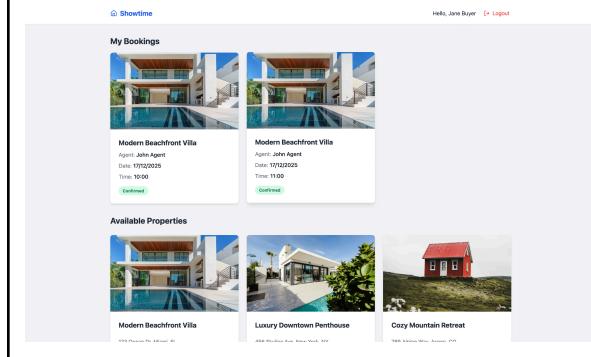
Key Features:

1. **Role-Based Dashboards:** tailored interfaces for Agents (to manage listings) and Buyers (to browse and book).
2. **Interactive Calendar System:** Agents can visually set availability slots, while buyers can book specific times seamlessly.
3. **Real-Time Synchronization:** Built with Socket.io, the application updates availability instantly across all connected users, preventing conflicts.
4. **Automated Management:** Bookings are tracked with status updates (Pending, Confirmed, Rejected), reducing manual coordination.

Impact: Showtime transforms the scheduling workflow from a manual logistical headache into a smooth, automated digital experience, ensuring that agents can showcase homes effectively and buyers can book viewings with confidence.

Page 2: Application Overview (Screenshots)

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|---|--|
| Login | Agent dashboard |
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| Availability Calendar | Buyer Experience |
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