








CUSTOMER JOURNEY MAP - SMART ROOMIE

Seeker - Looking for a Room







SIGNUP / LOGIN > ONBOARDING > DASHBOARD SETUP > EXPLORE LISTINGS > CONTACT LISTER > SAFE MEETUP > POST-MOVE-IN							
ACTIONS	<ul style="list-style-type: none">- Email/Google login- Basic info (name, age)	<p>Option 1: Chat with LLM ("Roomie")- Asks about cleanliness, noise tolerance, sleep schedule</p> <p>- Option 2: Manual preference input</p>	<ul style="list-style-type: none">- Set preferred location (auto/manual)- Adjust search radius	<ul style="list-style-type: none">- View listings with match %- Filter by distance, noise level, light- See sensor-verified tags (e.g., 35 dB at night)	<ul style="list-style-type: none">- In-app messaging- Request for viewing	<ul style="list-style-type: none">- Real-time location sharing- UWB/BLE handshake- AI-generated roommate agreement	<ul style="list-style-type: none">- Shared rent/chore dashboard- Motion sensors for chore tracking- LLM conflict mediation
SENSORS & AI USED	<ul style="list-style-type: none">- Firebase Auth- Secure Enclave (biometric login if enabled)	<ul style="list-style-type: none">- LLM (GPT/Gemini-based conversational onboarding)- Firebase database for preferences	<ul style="list-style-type: none">- Geolocation API- Google Maps API (Maps JavaScript API, Distance Matrix API, Places API)- OpenCage API	<ul style="list-style-type: none">- LLM semantic scoring- Distance Matrix API- Ambient light & noise sensors	<ul style="list-style-type: none">- LLM-suggested replies- Biometric verification for secure chat	<ul style="list-style-type: none">- GPS + Wi-Fi/BLE- UWB proximity verification	<ul style="list-style-type: none">- Accelerometer- LLM sentiment analysis
EMOTIONAL STATE	 Optimistic	 Thoughtful	 Focused	 Curious / Excited	 Trust-building	 Secure	 Harmonious

Smart Roomie is a sensor-powered intelligent application designed to simplify the process of finding and offering living spaces. Whether you're a Seeker looking for a room to rent or a Lister with a space to offer, Smart Roomie helps you connect with the right roommate or tenant at the right time



CUSTOMER JOURNEY MAP - SMART ROOMIE

Lister - Offering a Room

SIGNUP / LOGIN > ONBOARDING > CREATE LISTING > PUBLISH LISTING > MANAGE MATCHES > CHAT & APPROVE > LEASE FINALIZATION							
ACTIONS	<ul style="list-style-type: none">- Email/Google login- Basic info (name, age)	<p>Option 1: Chat with LLM ("Roomie")- Asks about cleanliness, noise tolerance, sleep schedule</p> <p>- Option 2: Manual preference input</p>	<ul style="list-style-type: none">- AR scan for room dimensions with Manual listing fallback- 30-sec mic + ambient light capture- Upload photos of room	<ul style="list-style-type: none">- AI auto-tags listing (e.g., "quiet", "bright")- Biometric verification- Confirm listing	<ul style="list-style-type: none">- See match % seekers- View compatibility breakdown	<ul style="list-style-type: none">- LLM-assisted chat- Schedule viewing	<ul style="list-style-type: none">- UWB/BLE handshake- AI-generated agreement and e-signature
	<ul style="list-style-type: none">- Firebase Auth- Secure Enclave (biometric login if enabled)	<ul style="list-style-type: none">- LLM (GPT/Gemini-based conversational onboarding)- Firebase database for preferences	<ul style="list-style-type: none">- LiDAR/ToF- Microphone- Ambient light sensor- WebXR	<ul style="list-style-type: none">- LLM-generated tags- Secure Enclave- Wi-Fi/BLE for location	<ul style="list-style-type: none">- LLM semantic scoring- Distance Matrix API	<ul style="list-style-type: none">- Sentiment analysis- Biometric authentication	<ul style="list-style-type: none">- UWB- E-signature + Secure Enclave
	EMOTIONAL STATE	 Optimistic	 Proactive	 Detailed	 Confident	 Analytical	 Engaging

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