

DSA5201 PROJECT PROPOSAL FORMStudent Name: Ng Jia Sheng Student ID: A0162568W**EXTERNAL ADVISOR/SUPERVISOR'S INFO**

Name:	Ng Jia Sheng (Cofounder of UrbanIQ)
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Company/Institute:	UrbanIQ

TITLE: Agentic AI for Intelligent Property Management**DESCRIPTION OF PROJECT (minimum 100 words, maximum 500 words)**

This project is all about using Agentic AI to simplify and transform property management, especially for coliving and commercial spaces. The idea is to take over repetitive tasks like handling bookings, managing check-ins, and answering tenant inquiries, so property managers can focus on bigger priorities. With Agentic AI, everything becomes more intuitive—think natural language-driven tools for checking room availability, self-check-ins, and tenant support, all tied into an IoT-connected dashboard. On top of that, the system brings in predictive analytics for things like optimizing energy use, setting smarter pricing, and automating incident reporting. It's really about making property management more efficient and profitable while creating a better experience for tenants. By building on the "Space-as-a-Service" concept, the project shows how AI can streamline operations and make everything run more smoothly for everyone involved.

EXPECTATION/S

- Develop a scalable Agentic AI model capable of addressing common property management pain points.
- Create predictive pricing and IoT integration capabilities for optimizing property profitability.
- Demonstrate the feasibility of AI-driven self-service tools in reducing manpower reliance.
- Enhance tenant experience through intelligent automation and responsiveness.

COMPANY'S INFORMATION

Company's short profile:

UrbanIQ specializes in intelligent property management solutions, leveraging AI and IoT to optimize operations for coliving and commercial spaces. The company offers modular tools to streamline workflows, enhance tenant experiences, and drive profitability through automation and data-driven insights.

Landing Page -> <https://urbaniq.cloud/>

Company location (Street address, city, Country): Provided by SMU BIG Incubator Program at The Greenhouse, [71 Bukit Batok West Avenue 8 Singapore 65](#)