

Building Profile Utility

Integrated Building Data + AI



Urbata

“We simply must know what we are
putting into our buildings”

Dr Joe Allen, ***Healthy Buildings***

(145.9 million buildings in the U.S.)

Integrative Design



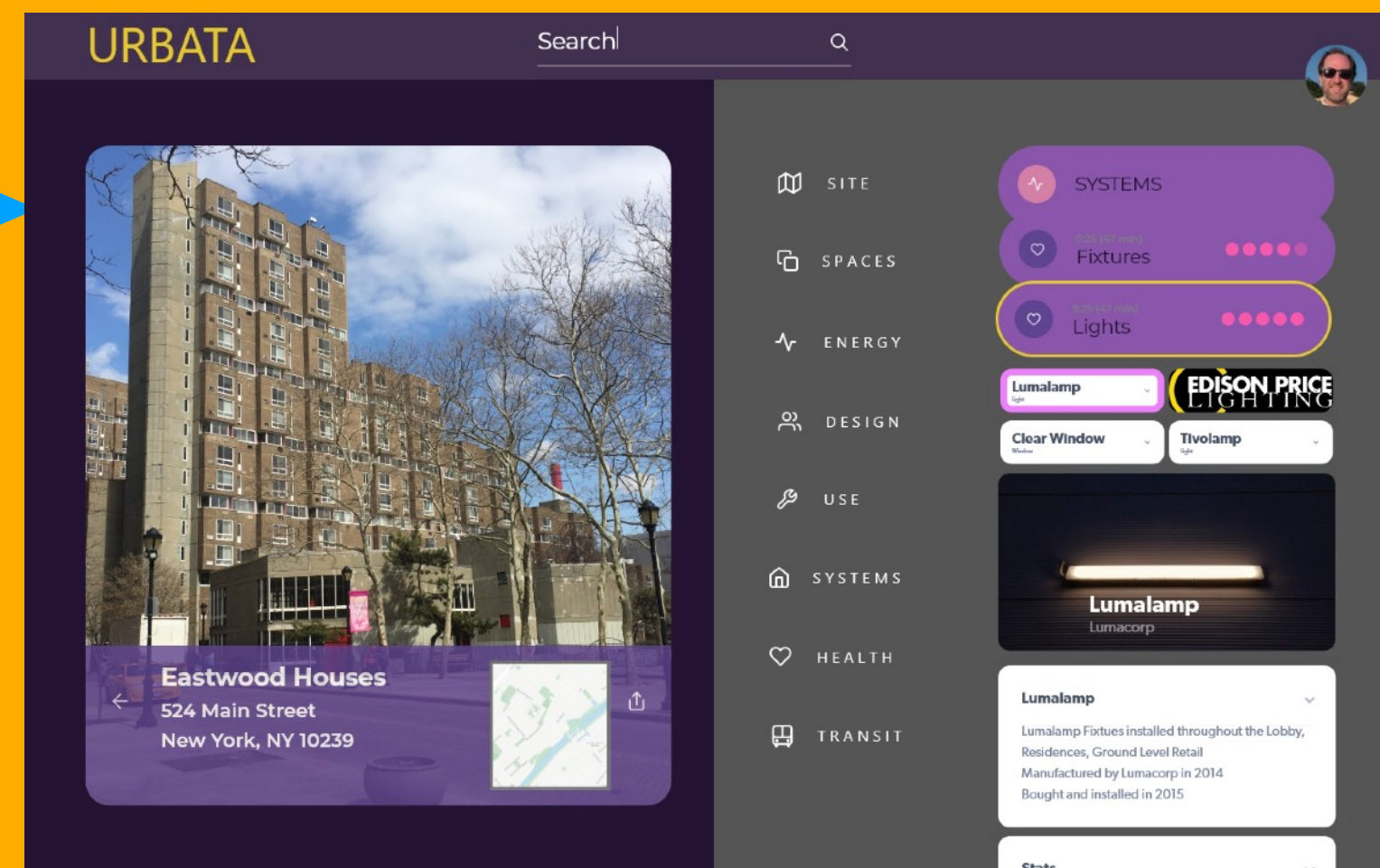
Urbata

Building Profile Utility: Database to B-AI

Integrated Building Databases

Space
Systems
Ratings
Products
Site
Use
Energy
Health
Transit
Design

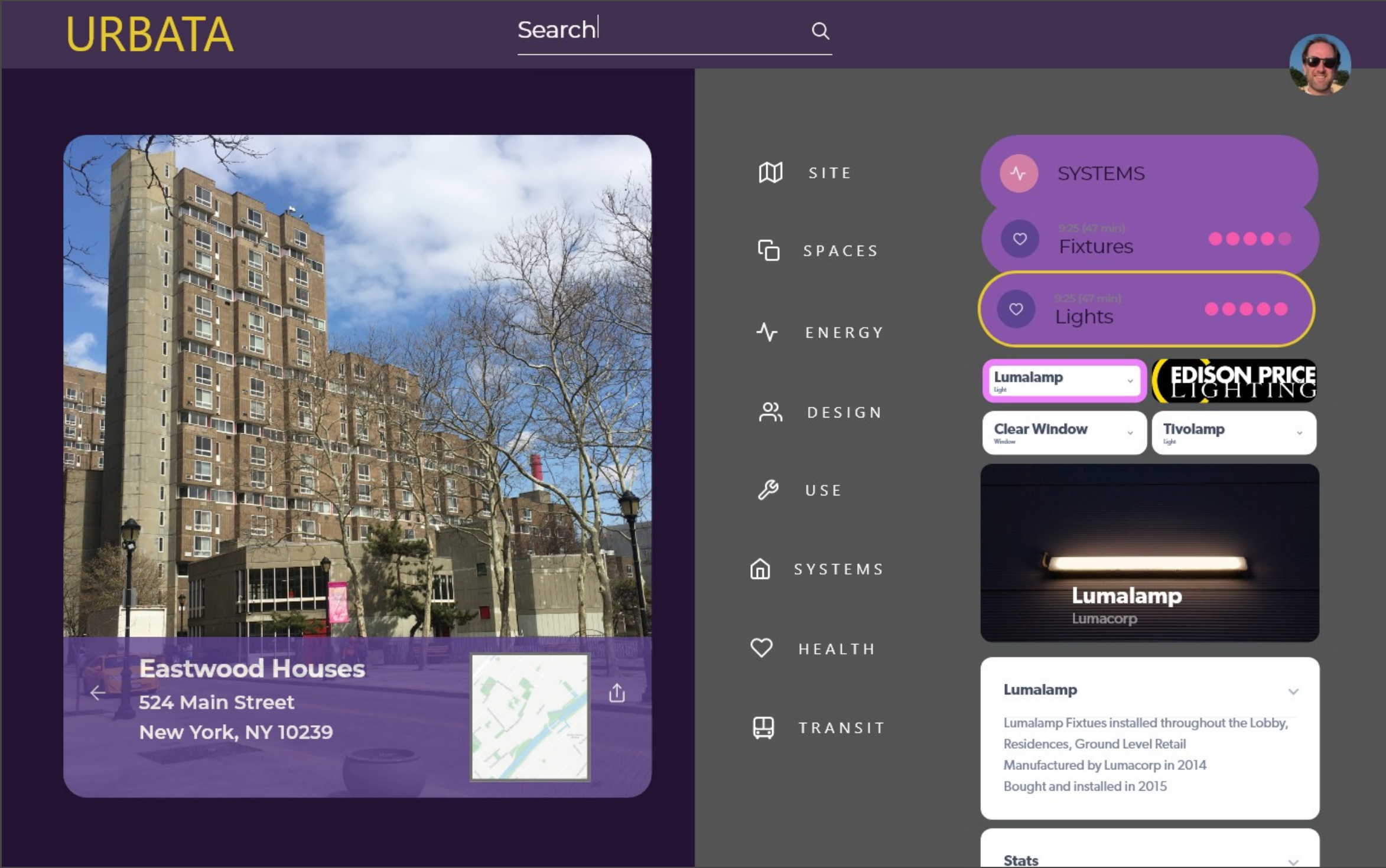
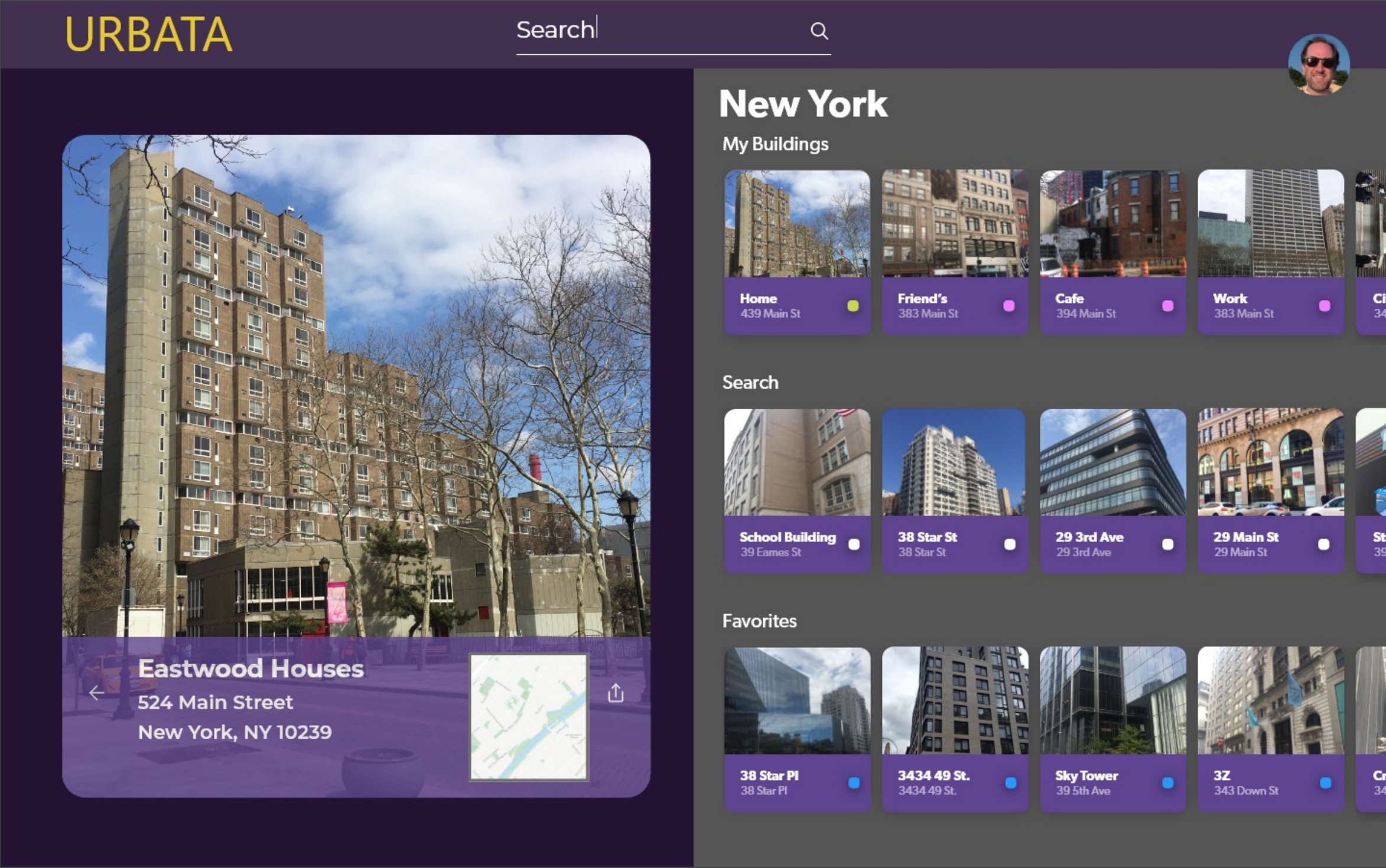
Building
Profile
Utility



B-AI
Desktop
Mobile
AR

Building Profile Utility: Database to B-AI

Integrated Building Databases



Building Profile Utility: Design

Integrated Building Databases

Space
Systems
Ratings
Products
Site

Use
Energy
Health
Transit
Design

Building Profile Utility: Health

Integrated Building Databases

Category:	Database:
Light	building_id;
Air	utility_info;
Water	device_id;
Noise	value;
Safety	reading_time;
Certification	reading_date;

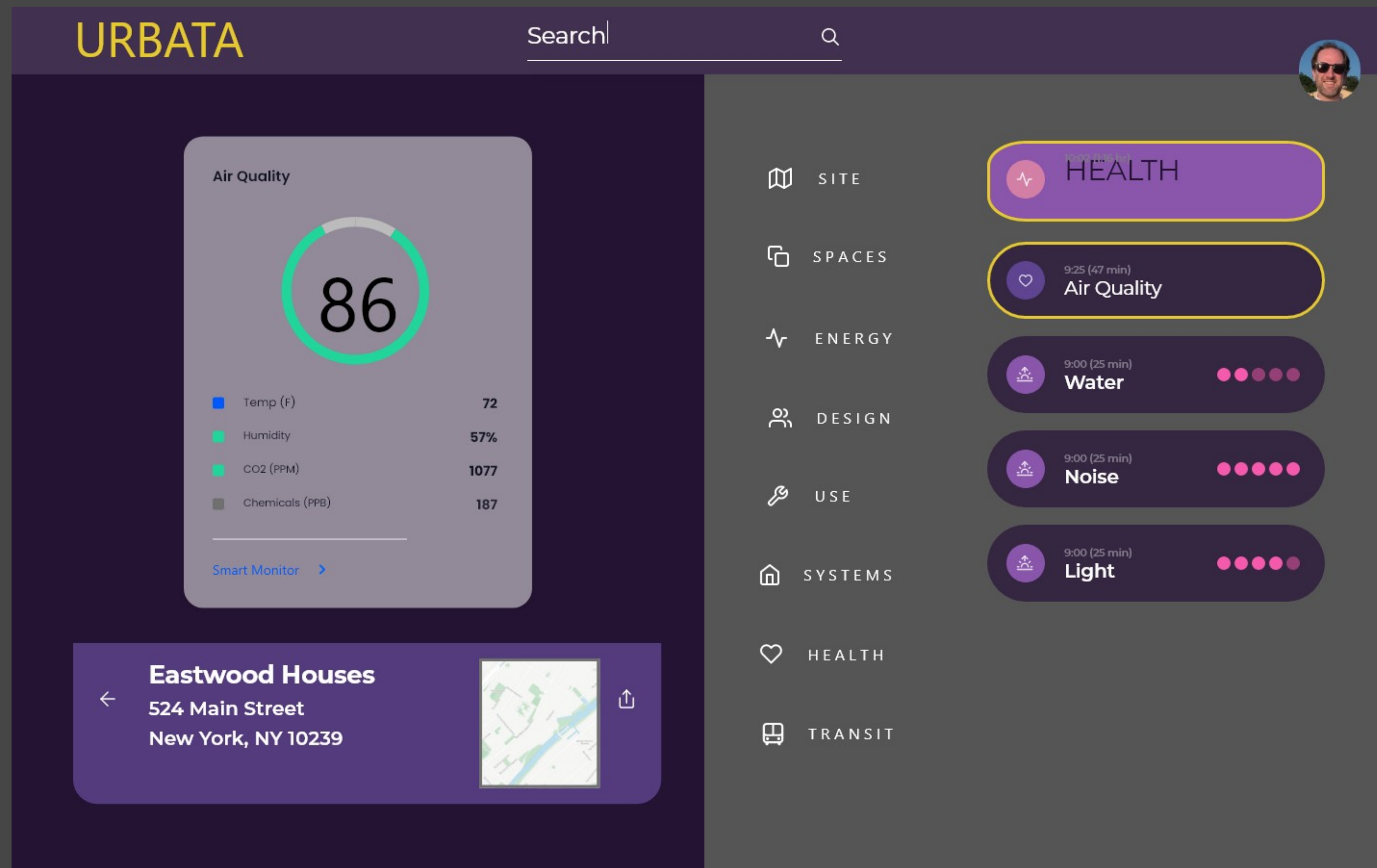
Building Profile Utility: Building ID

Integrated Building Databases

Example Building ID:

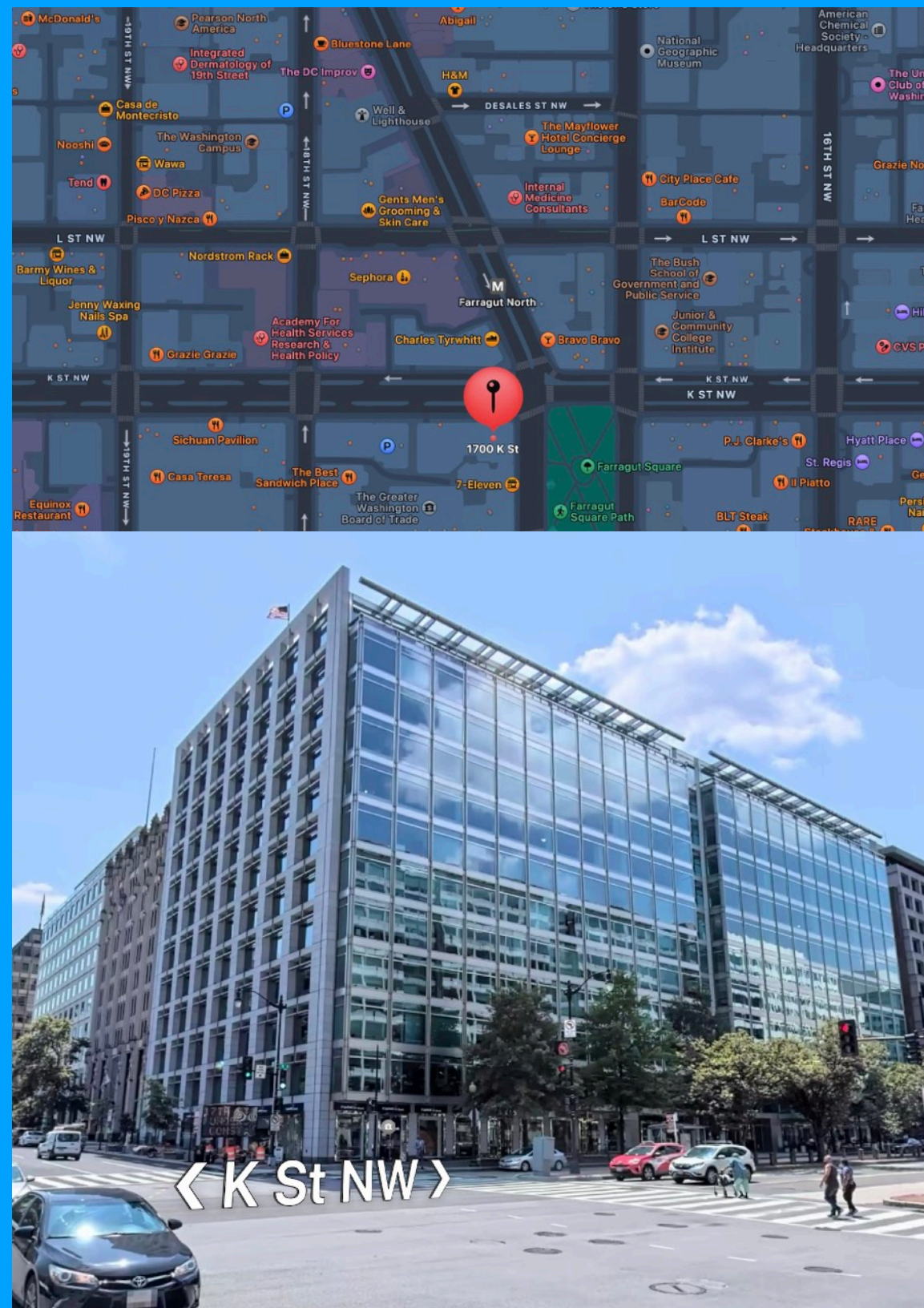
building_id: US-5128581-dr5ru72h-Y7K2M4

Building Profile Utility: Health: Air

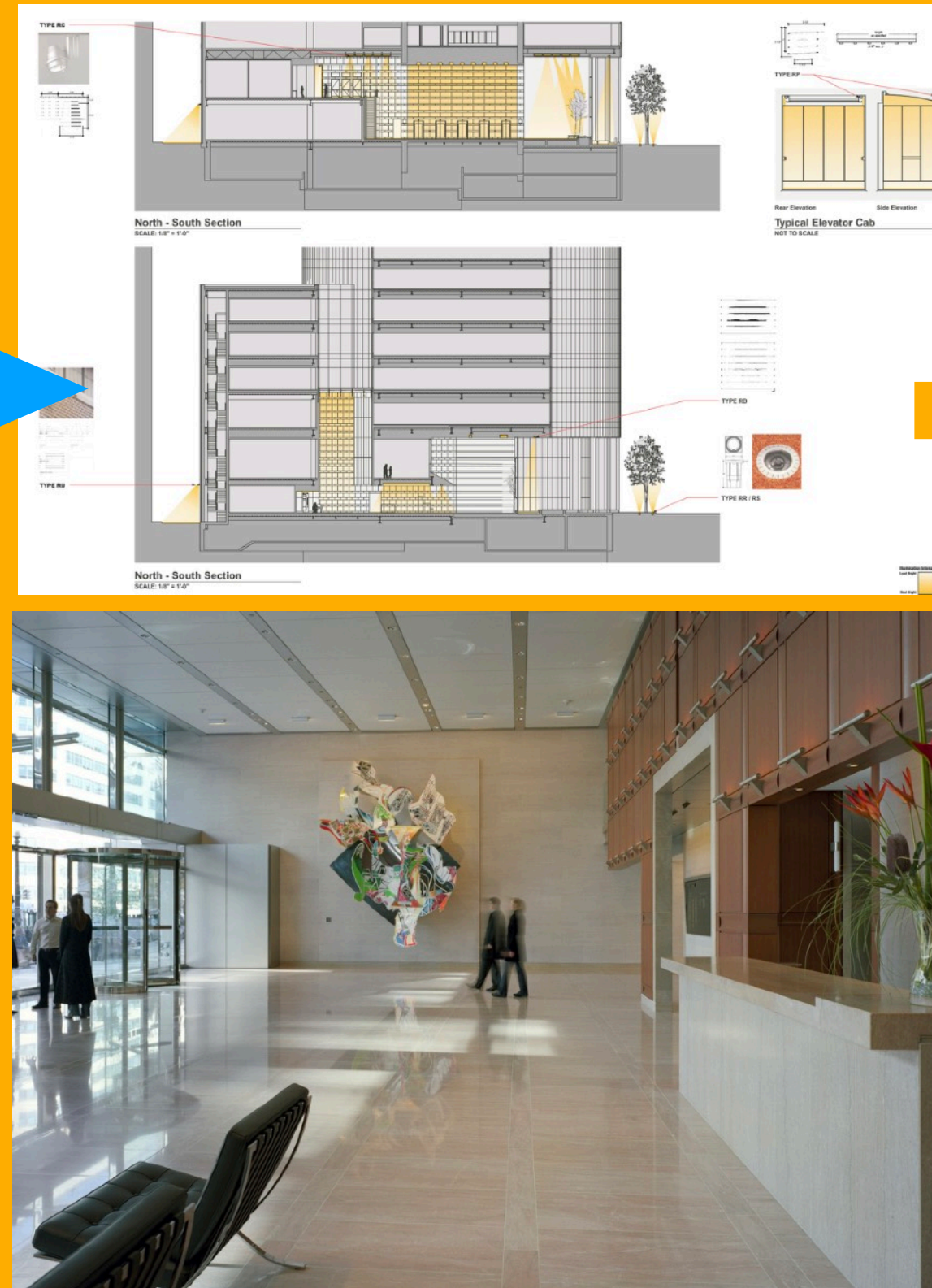


Accessible and integrated building health, energy, systems, use

BPU: Integrated Scales



City Scale



Building Scale



Design Scale

BPU: Building Profile Utility

Clayton Besch, Director at NYS ESD Venture Tech

Quote

“your platform will generate 10x return as scalable software platforms are the investment du jour. When you find one let me know and we can consider co-investing.”

Accessible and integrated building health, energy, systems, use

An aerial photograph of Singapore's city skyline, featuring numerous high-rise buildings and the Esplanade - Theatres on the Bay in the foreground. The word "Plan" is overlaid in a large, yellow, sans-serif font.

Plan



Key Problems

1. Fragmented Building Ecosystem
2. Expensive Building Products/Services
3. No Building Data System for B-AI

Elastic Building Data Resource needed

Key Resources

NYSERDA

Urbata Product Archive

WELL

AIA

SVA

AIR AI

Syracuse CoE

Company Urban Tech Hub

NY Climate Exchange

Cornell Tech

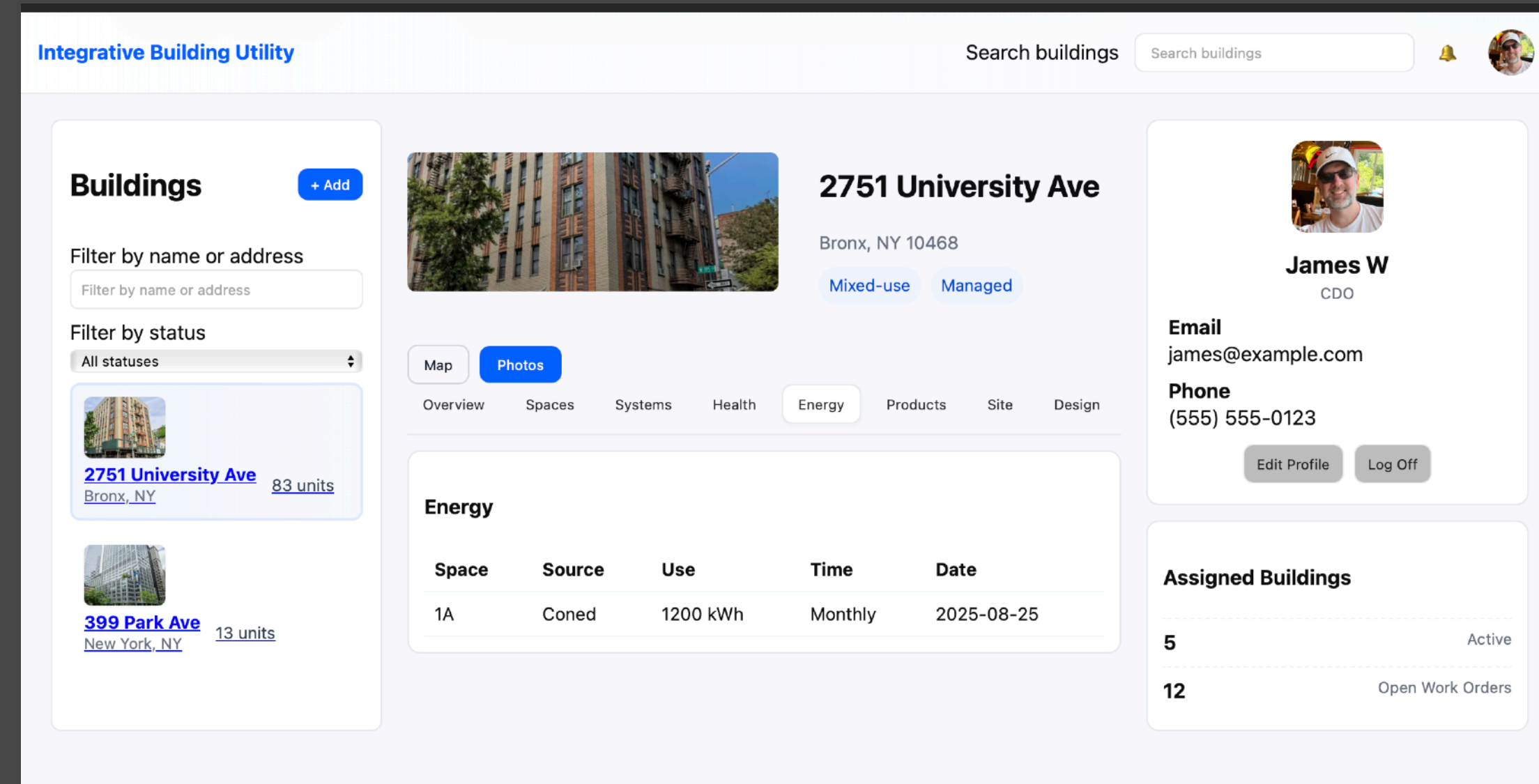
Value Proposition

Integrated Building Data for Designers and AI

Key Activities

1. Building Database Platform

2. Integrating Building Data Partners



Customer Segments

Designers

Architect

Structural Engineer

Mechanical Electrical Plumbing

Civil Engineer

Project Manager

Surveyor

Sustainability Consultant

Lighting Consultant

Landscape Consultant

Acoustic Consultant

Facade Consultant

Interior Designer

Distributors

Owners

Developers

Users

Energy Utilities

City Government

Maintenance

Product Distributors

Skilled Labor

Commercial Users

Domestic Staff

Smart Home Developers

Technology Companies

Channels

New York Designers
NYSERDA

Healthy Buildings (WELL, UL)

Design Museums (MoMA, Cooper Hewitt)

New York Media (Metropolis, Curbed, NYT)

Cornell Tech

New York Climate Exchange

AIR AI

AIA Center for Architecture

Customer Relationships

Designers

Distributors

Building Scale

Urban Scale

Automation

Cost\$ + Revenue\$

Costs

Platform Consultant
Design Lab
Management
Partnerships

Revenue

Free for Designers
Fee for Distributors
Fee for B-AI

Total Addressable Market (TAM) for an AI-Powered, Integrated Building Profile Utility

\$100 Billion annually today

\$120-150 Billion by 2030

Source: OpenAI