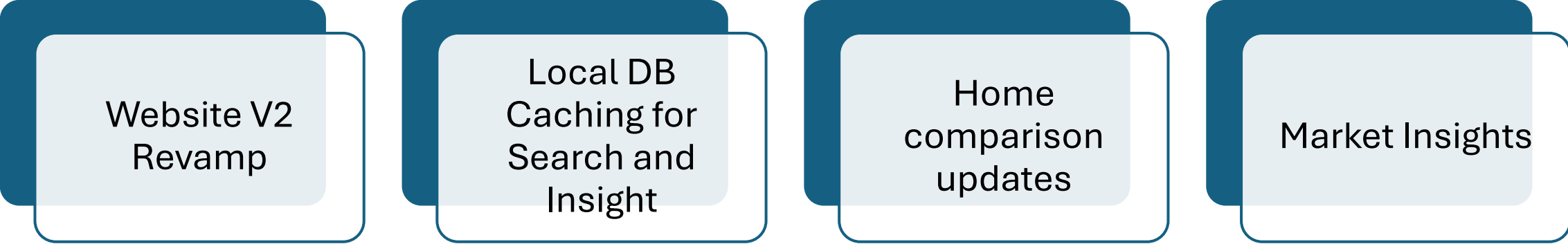# RealEase:
Comprehensive Real Estate Insights Platform

Milestone 5 Overview

By Donovan Murphy, Jonathan Bailey, and Enrique Obregon

Real **Ease**

FIND YOUR FUTURE WITH CONFIDENCE

Milestone Overview

Website V2 Revamp

Local DB Caching for Search and Insight

Home comparison updates

Market Insights

Milestone Four Plan

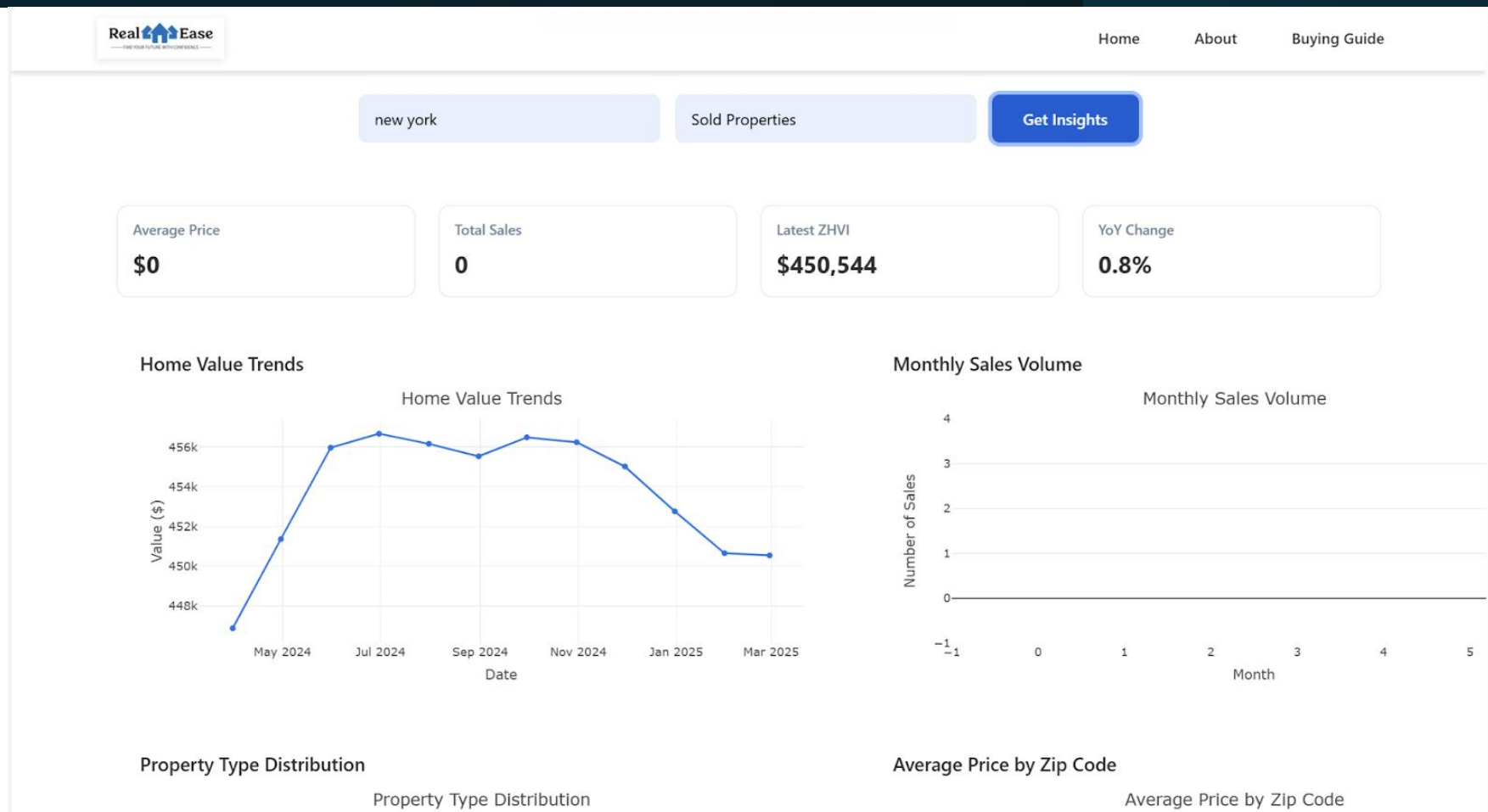| Task	Donovan	Jonathan	Enrique
1. Finalize caching implementation & optimize user location tracking	implement/test 40%	Research 20%	Research/implement 40%
2. Continue to develop and begin testing of Neighborhood Insights Tool	Design 50%	Design 25%	Design 25%
3. Finalize ROI tool & improve frontend styling	Implement 40%	Implement 30%	Implement 30%

Task 1: Neighborhood Market Insights

Provide the user with valuable market trends and averages

Continued progress on front end integration

Task 1: Demo Image
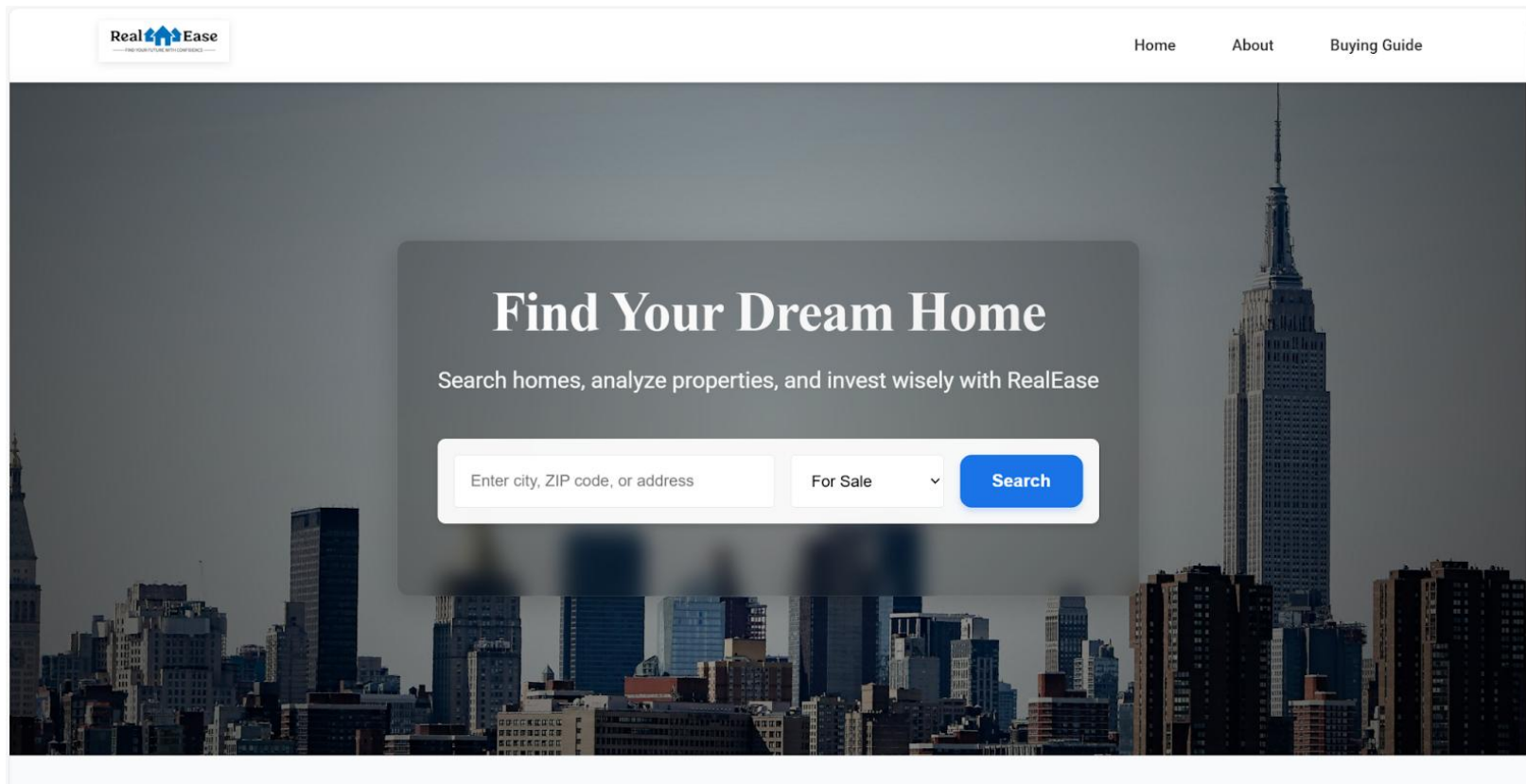
Task 2: Website Refresh

New frontend architecture, resulting in a more responsive and visually appealing interface as well as speeding up the time it takes for a user to search for a house (caching method added)
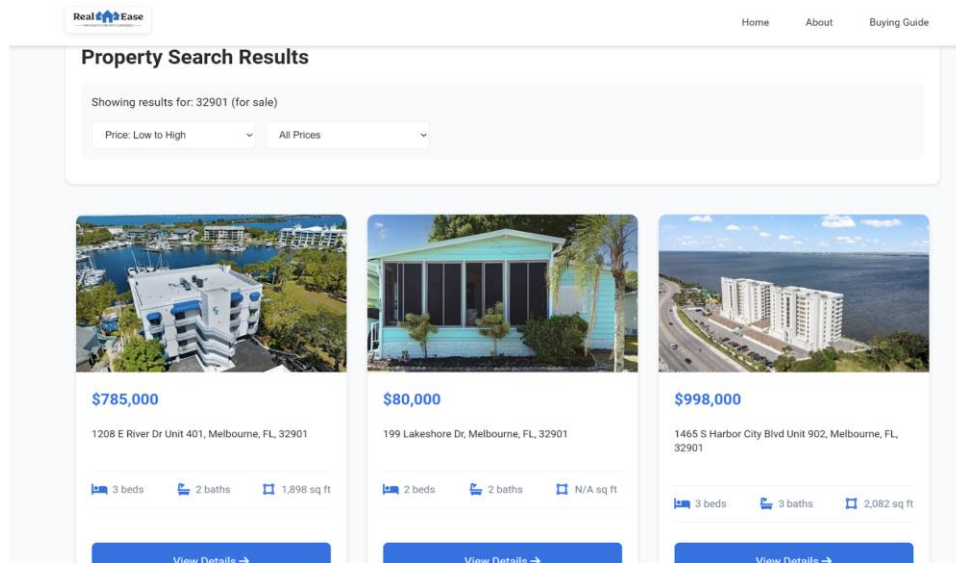
The redesigned property cards and detail pages significantly improve the user experience with intuitive navigation and clearer information hierarchy.

Task 2: Front End Demo Image

Task 3: Working Website Demos

- We developed a comprehensive demonstration workflow that showcases our platform's key functionality. Users can now experience the complete journey from property search to detailed analysis, including the comparison tool and ROI calculator.

Milestone Five Plan

Task	Donovan	Jonathan	Enrique
1. Finish Neighborhood Insights Dashboard	implement/test 40%	Research 20%	Research/implement 40%
2. Test all tools thoroughly	Design 50%	Design 25%	Design 25%
3. Touch up anything as suggested by advisor and or instructor	Implement 40%	Implement 30%	Implement 30%
4. Integrate with python everywhere	Implement 40%	Implement 30%	Implement 30%

Task 1: Fully Flesh Out Neighborhood Insights

Integrate all data sources to work with user input

Improve speed and efficiency

Task 2: Test All Tools

Incorporate the API data we are getting for crime rates, school ratings, and local business information for each user location query (zip code) to the front end

Thoughtful UI presentation to ensure a seamless user experience and resolve any bugs or usability issues

Task 3: Touch Up Based on Feedback

Continue to improve latency

Revisit how we Clean Data before going into the frontend cards.

Faculty Advisor Feedback

Guidance on Data Retrieval Planning
- Emphasis on unified data pull strategies to maintain performance.

Demo Development:
- Iterative improvement based on client feedback to enhance user experience.

Caching and Lazy Loading
- Focus on reducing latency to retain user engagement.

Questions?