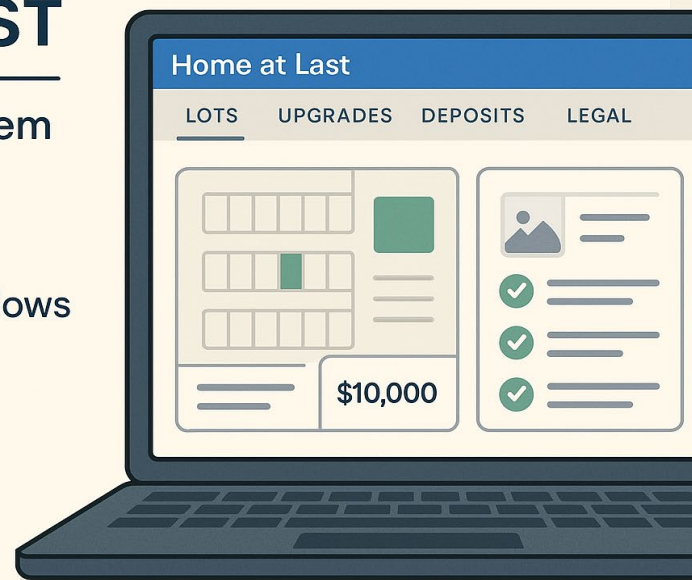


Home at Last – New Home Sales System

HOME AT LAST

New Home Sales System

Our system automates lot selection, upgrades, deposits, and legal workflows





Application: Home at Last Sales Automation System

Purpose: Automate lot selection, upgrades, agreements, and transactions

Group: **GreatestGroupEver**

Group members:

- Wendell Destang
- Adnan Haider
- Quinton Goulbourne-Byard
- Kamrul Hasan
- Josh Hindle

Agenda

Meet Sarah – a first-time home buyer. She walks into the office, but everything is manual!



She has to **fill out paper forms** for her buyer profile, which delays the process

Sales agents shuffle through **folders of printed layouts and price sheets** just to help her find a suitable model and lot.

With the Home at Last Sales Automation System, we streamline lot selection, upgrade customization, deposit tracking, and legal documentation — all in one seamless workflow.

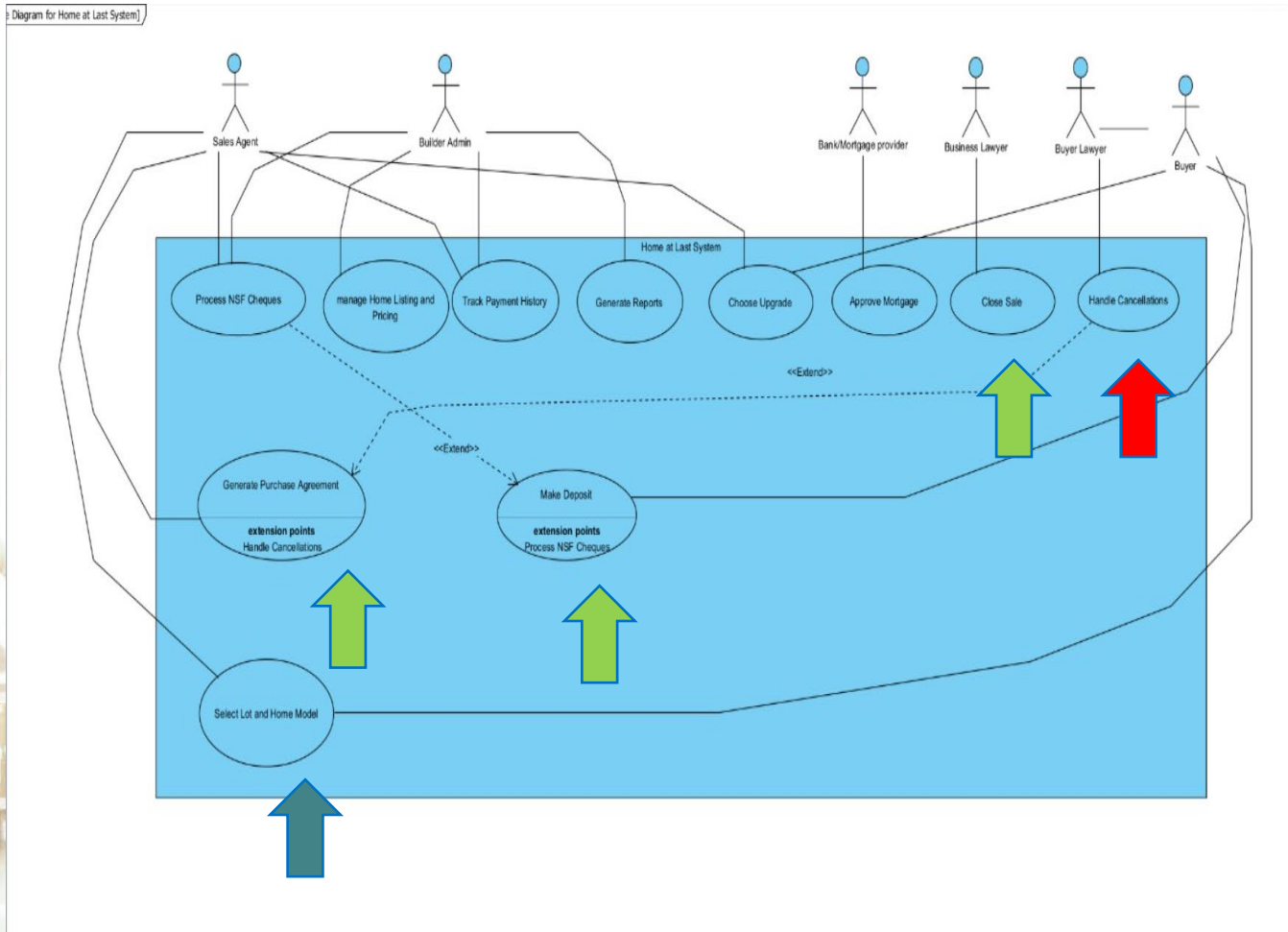
Home at Last gains efficiency, control, and faster turnaround.

The Story

Use Case Overview

Our system revolves around 5 major use cases

1. Select Lot and Model
2. Generate Purchase Agreement
3. Make Deposits
4. Handle Cancellations
5. Close Sale



Sarah meets with our team,
receiving digital information
about the new home purchase



Use Case Narratives

Each use case reflects real-world steps.

Example 1

Use Case Name: Generate Purchase Agreement

- - Sales agent inputs data
- - System calculates cost and generates agreement
- Robust deposit tracking and buyer interactions

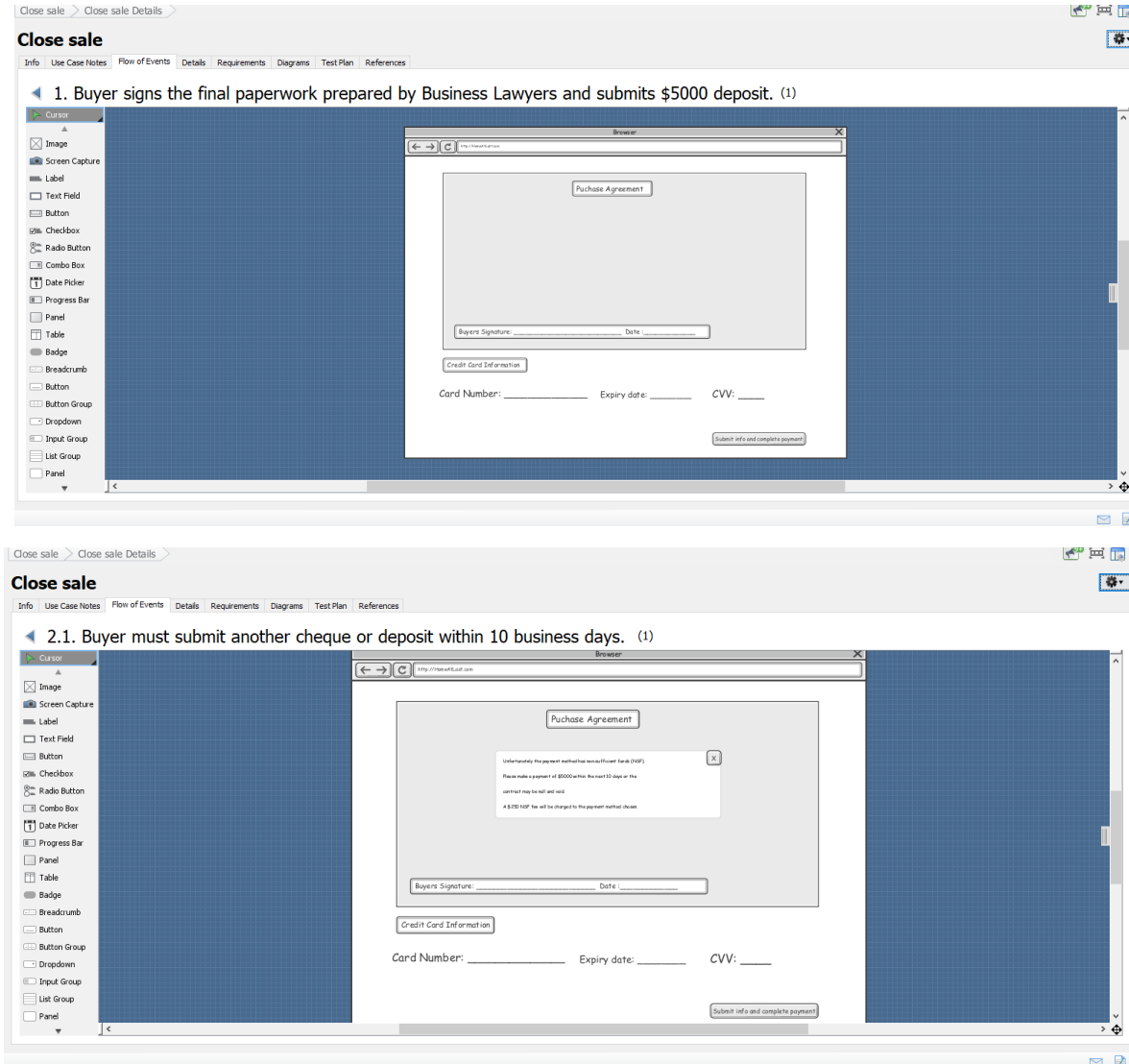
Example 2

Use Case Name: Handle Cancellation

- Buyer requests cancellation.
- System checks 5-day cooling period.
- System notifies Buyer's Lawyer.
- Lawyer reviews and completes docs.
- System updates status and lot availability (refund if within 5 days).

Storyboard

Example for “Close Sale” use case

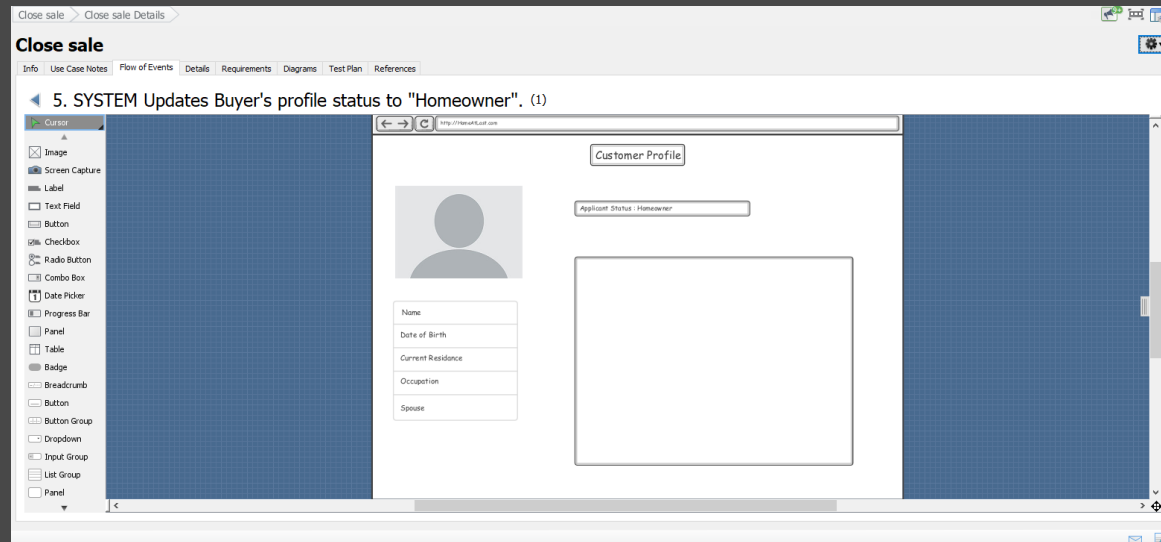
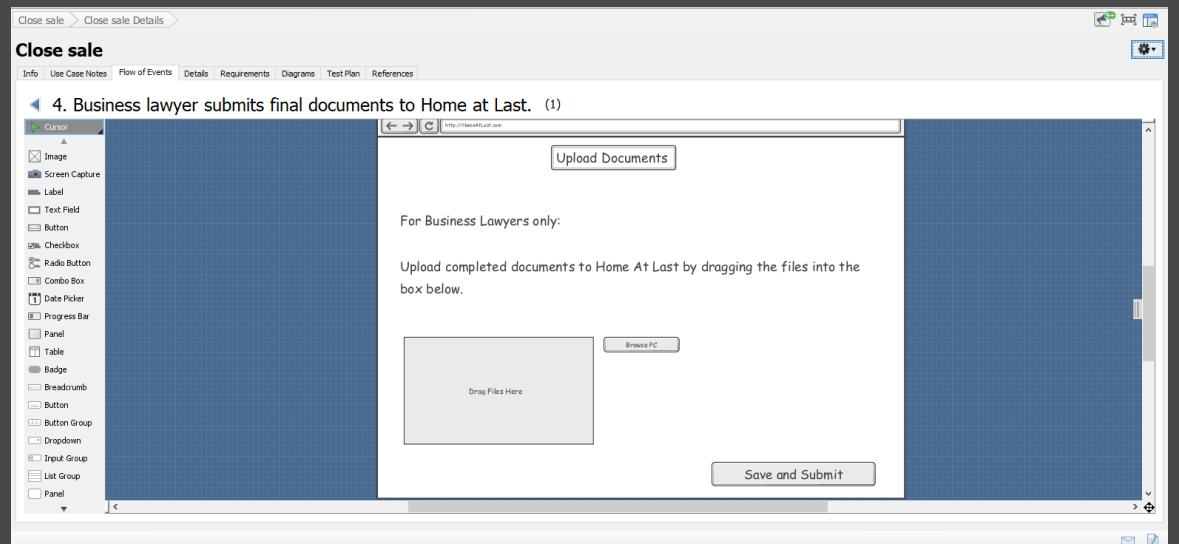
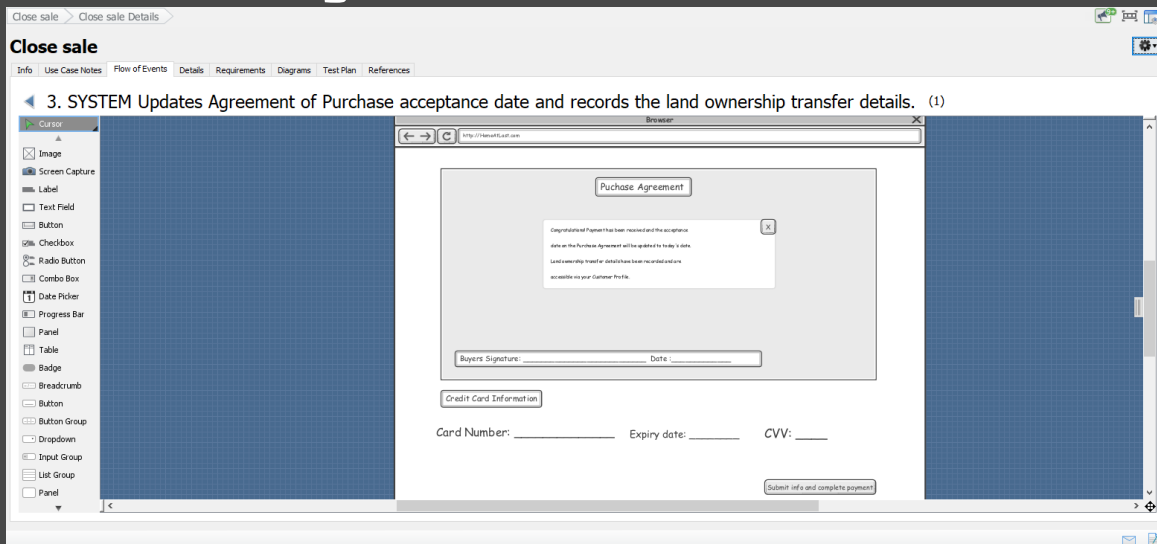


Visual flow shows screen-by-screen interaction

Ensure ease of use and process transparency

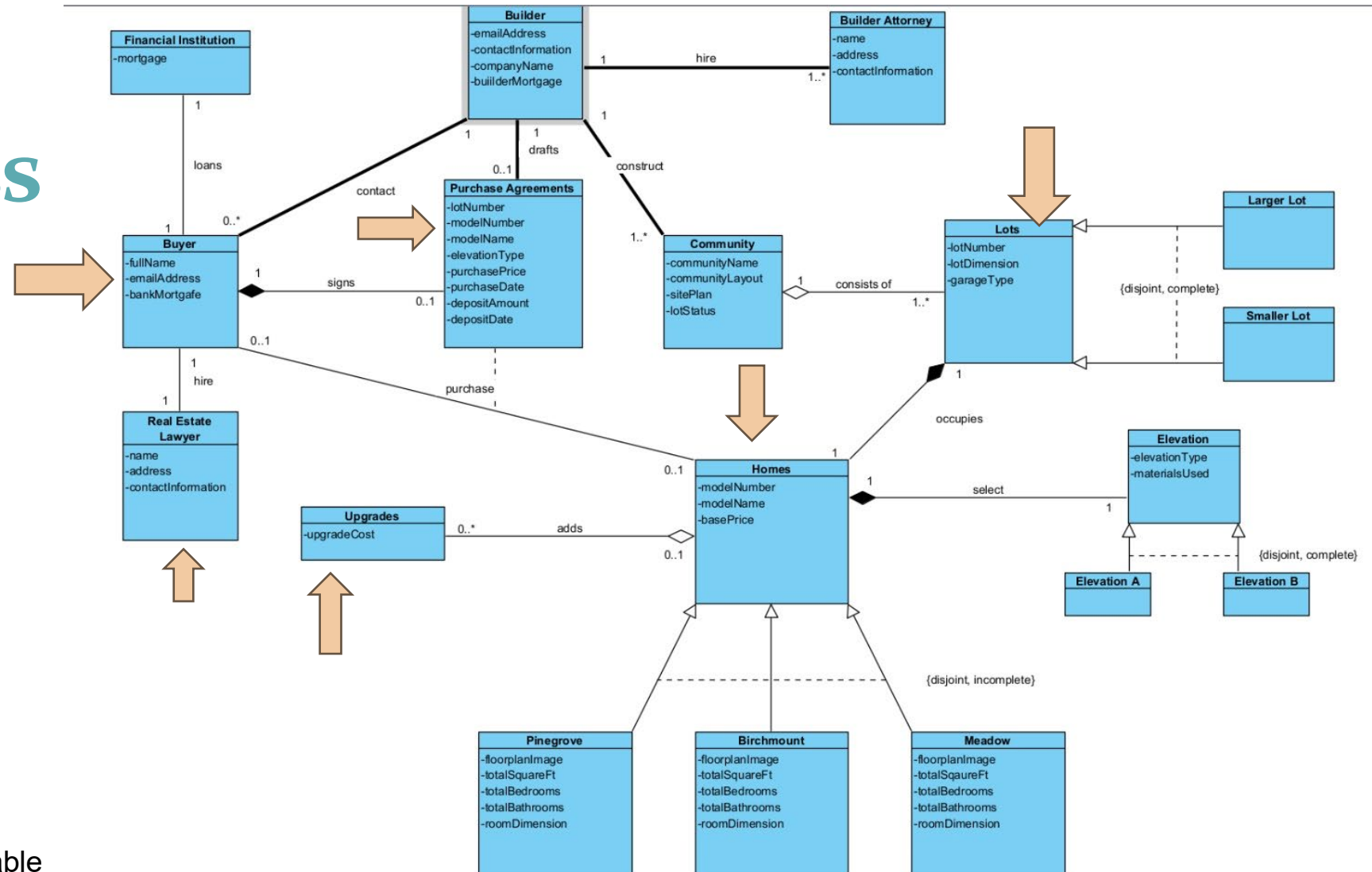


Storyboard

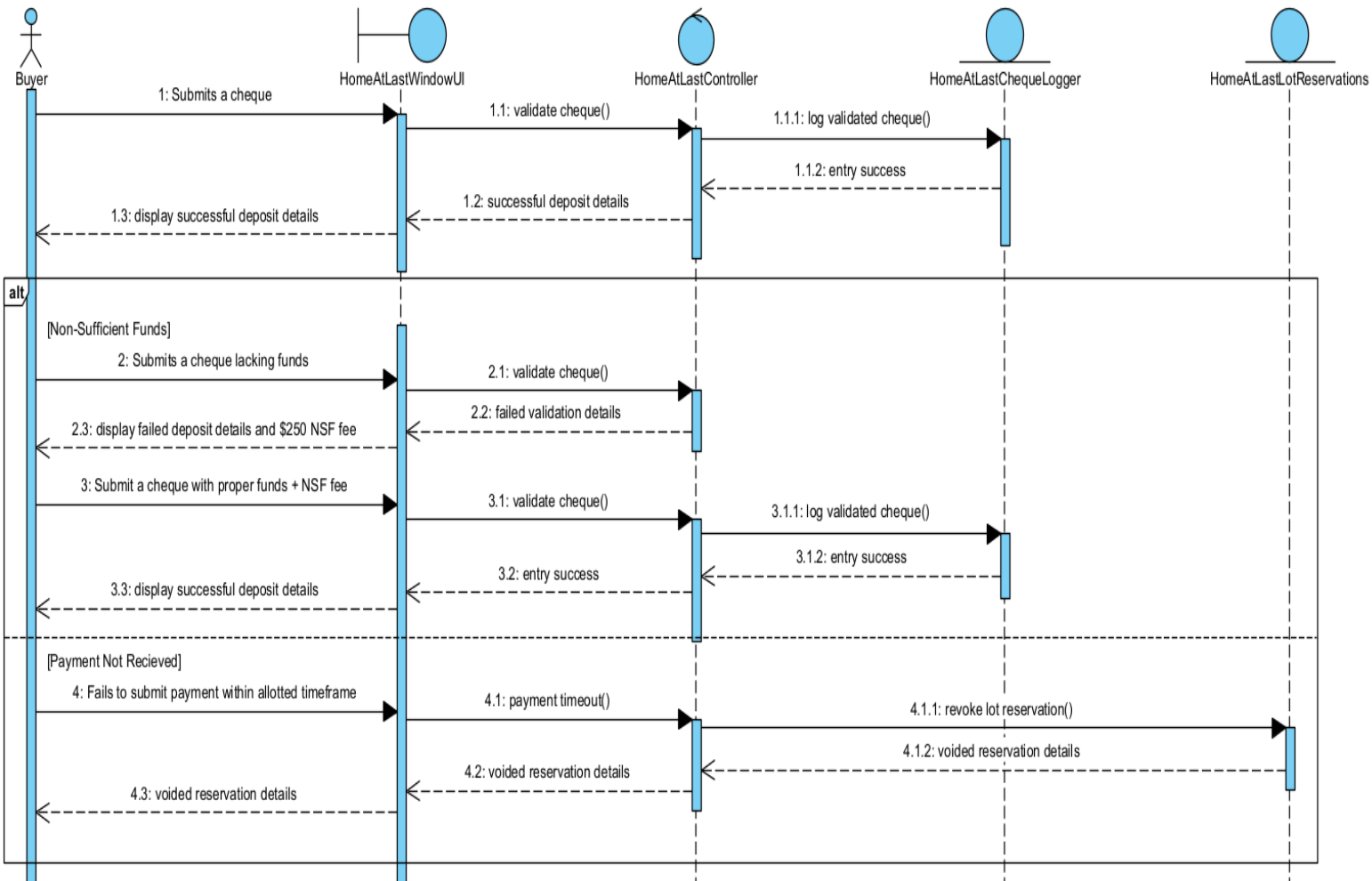


Domain/Class Diagram

- Core classes: Buyer, Lot, ModelHome, Upgrade, Agreement, Lawyer
- Relationships mirror business logic
- Supports traceable, maintainable development



SEQUENCE DIAGRAM



At the core, we have entities like Buyer, Lot, ModelHome, Upgrade, Agreement, and Lawyer.

These classes have attributes that capture vital information, such as contact details, pricing, upgrade options, and status tracking.

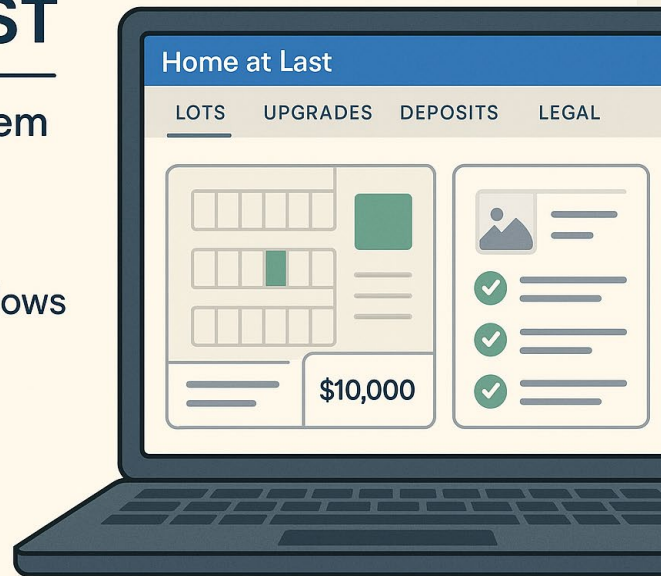
Relationships are designed to reflect real-world constraints. For example, each Buyer is linked to an Agreement, which includes multiple Deposits, and a selected ModelHome with its Upgrades.

This object structure ensures all business logic and decision points are traceable, maintainable, and easy to build upon.

HOME AT LAST

New Home Sales System

Our system automates
lot selection, upgrades,
deposits, and legal workflows



System Architecture

Structured into UI, Business Logic, and Data Layer

Scalable and adaptable design

Supports future web-based expansion

Home at Last is ready to evolve.

Let's build the future of home sales together!

Thank you!

Questions?