CSC340 Project Design Document Draft CSC340 Group #\_\_2\_\_\_

1. Product Overview
   1. A simple real estate website with the goal of allowing buyers to buy homes sold by sellers, and come to a deal on a centralized platform. Sellers can list properties, and buyers can make offers which can then have counter offers until a deal is made.
2. Use Cases
   1. Use Case ModelA diagram of a company

      AI-generated content may be incorrect.
   2. Use Case Descriptions
      1. Actor: Seller
         1. A seller shall be able to sign in using their registered email and password. After logging in, the seller shall be directed their dashboard where they can view offers, list properties
         2. A seller shall be able to list properties with pictures, square footage and asking price
         3. A seller shall be able to view offers, where they can accept or deny
         4. A seller shall be able to make counter offers
         5. A seller shall be able to edit/remove their profile
      2. Actor: Buyer
         1. A buyer shall be able to sign in using their registered email and password. After logging in, the buyer shall be directed their dashboard where they can view listings
         2. A buyer shall be able to submit offers, with a good faith deposit
         3. A buyer shall be able to view listings and filter by location
         4. A buyer shall be able to make counter offers
         5. A buyer shall be able to edit/remove their profile
      3. Actor: Non User
         1. The system must allow potential users the ability to register, requiring an email, password, phone number and register as a buyer or seller.
3. Class Diagram: Identify data objects and functions to fulfill all the use-cases.
   1. A diagram of a computer program

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4. Database Schema
   1. A diagram of a property

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