Team 5 - Dream Estate Project

ITSC 3155 Final Project Proposal

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1 Introduction

The goal of this project is to create an entirely new real estate, home buying platform for the retail market. Current competitors offer such platforms but lack a multitude of variables that are highly important when purchasing a new home such as crime rate, schools in a given location among others. In addition to this lack of key factors, these competitors such as Zillow also tend to overwhelm customers with an expansive array of information rather than an efficient and easy to use user interface and user experience.

Dream Estate aims to change this by reimagining how buying a home can look through a more modern real estate platform approach. This platform provides all the factors you need to make an informed decision when buying a home with none of the hassle and overwhelming experience on Zillow.

1.1 Product Vision

Dream Estate is a new real estate, home buying platform for the person pursuing the right home. Dream Estate is a real estate website that allows the customer to access information such as prices, crime rate, education quality and general weather of a locality in Mecklenburg county. Adding a multitude of features never used before with Zillow, Dream Estate further offers a simpler user experience.

1.2 Customer Description

Our customer is an individual who is looking to buy a home while considering important factors such as price, general weather, crime rate and education quality in Mecklenburg county. Our product is geared to simplifying the survey process for purchasing a house while considering the above criteria.

1.3 Project Scope and Objectives

Add features such as:
- Home prices
- Average weather in location
- School/education quality in location
- Average crime rate in location

2 Project Resources

See 2.2 Data section.

2.1 Group Members

1. Abdullahi Ahmed
2. Krish Pandya

3. Mark Feng
4. Steven Volovar

2.2 Data

The data will be collected from a set of verified and publicly available real estate pricing sets. The most heavily utilized dataset will be the Zillow dataset that the company makes available to the public through its research site. This set of data is available here: [Zillow Research](). A multitude of other sources will also be used to compile together a holistic real estate platform so customers can effectively and efficiently make home buying decisions. This data will come from [Niche]() and [The Weather Channel]().