



HomeDetective Advanced Features

We have been developing a novel housing platform, called HomeDetective¹. HomeDetective offers advanced features that make finding a suitable flat faster and more fun, while still trying to stay as user-friendly as possible. It is based on a map to display the ads and contains features such as calculating travel times (e.g. to the workplace) in the filtering of the ads.

Recently, we have started a collaboration with a big player in the Swiss housing platform market. Among other things, we will get access to all the housing ads in real-time. This is a great opportunity for us, as it allows us to focus on the development of the platform and its features, instead of worrying about how to get people to upload ads to our website.

The ads on HomeDetective get sorted and filtered based on a scoring system using the users' preferences. In this project we want to analyze how to improve this system to make it more useful. Additional criteria could be added such that users can better customize the filtering to their needs. E.g., location factors (noise level, traffic volume, forests, etc.) or reachability of different locations (shopping, public transport, schools, etc.) could be considered. Also including analytics features could be interesting to see how users interact with the website. You can also bring your own ideas!

This project provides a great opportunity to work on a real-world problem and collaborate with experts from the industry. The goal is to work towards a production-quality system. If this sounds interesting to you, do not hesitate to contact us.

Requirements: Preferably some knowledge of web development, especially Python, Django and Angular.

Interested? Please contact us for more details!

Contacts

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¹<https://homedetective.ethz.ch/>

