



Progress Report 1

CMSE 321

Software Requirement Analysis and Specification

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Real Estate Search Portal Project Report

Entrance

The real estate search portal is a website designed for users to search for the properties they want on the internet, access the advertisements and contact the advertisers. This project requires knowledge and skills in topics such as web design, database management, search engine optimization and security protocols. In addition, issues such as the site's content, target audience, competitive situation, legal obligations and revenue model should also be taken into consideration.

Aim

The aim of this project is to make a user-friendly, fast, secure and easily accessible real estate search portal. In this way, users will be able to easily find the properties they are looking for, look at the advertisements in detail, send messages or call the owners of the advertisements, add the advertisements to their favorites, comment or rate them, and share the advertisements on social media platforms. In addition, Turkish, English, Persian, Russian, German and Arabic language options will be added in order to facilitate the use of the portal for foreign customers.

Web designing

The design of the site will be stylish, simple, understandable and functional. It will be ensured that the site is fast, secure and mobile compatible. Thanks to contrast, eye-catching, contrasting colors will be used in the color palette of the site. Font selection was based on being easily readable by everyone. The logo will be eye-catching and will consist of the colors of the portal. In the main menu of the portal, the portal's logo is in the upper middle, below the logo; There are for sale, rental, projects under construction and daily rental options. If the user wants to open an account and use the site, he can log in to the site by clicking on the "open an account" "login" buttons in the upper right corner of the portal and specifying his e-mail address and password. When the user logs in with his registered

account, he will have up-to-date information about the advertisements he is interested in, thanks to the notifications sent to his e-mail.

After selecting one of these listed options, the user will select the city among the options in which city he wants to look at the advertisements, and then the districts in the city will be listed. After selecting the city and district option, the ads in the searched category will be listed on the page. If the user wants to make a more specific search, he can access the ad he is searching for more easily by clicking on the advanced search filters at the top of the page.

Advanced search filters: When the user clicks on the ad; Filtering options are available by location, square meter, price range, number of rooms, building age, floor, number of floors, heating, number of bathrooms, balcony, furnished, within the site, photo-video, and word.

Sorting Options: Users will be able to sort listings by price, date, popularity or rating.

Map View: Users will be able to see the locations of the advertisements on the map.

Comparison Feature: Users will be able to compare the ads they like.

Adding to Favorites: Users will be able to add the ads they are interested in to their favorites.

Contact Form: Users will be able to easily send messages to advertisers.

Comment and Rating: Users will be able to comment and rate the advertisements.

Social Media Sharing: Users will be able to share advertisements on social media platforms.

Content Creation: It will be ensured that the advertisements are up-to-date, accurate and detailed.

Advertisements will be promoted visually and in writing. Contact information of the advertisers will be added below the advertisements.

Conclusion

This report summarizes the issues we pay attention to in making a real estate search portal. This report includes the purpose of the project, real estate portal contents and design.

References

In our research, real estate sites that are currently used and are pioneers in their fields were used.

1. Emlaksat.com

2.hepsiemlak.com

3.sahibinden.com

4.collectiveray.com

5.emlakkobi.com