

Kopa

a redesign for the social renting app

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Key Links

Deployed frontend app: <https://kopa-capstone.web.app/listings>

Figma design: shorturl.at/zACW2

GitHub link: https://github.com/chaixinzhe2000/uiux_capstone

Abstract

Kopa is a frontend application that connects people with potential roommates. Users can create either a *listing* profile or *renter* profile depending on their desire to advertise a listing or rent a home.

Renter profiles contain relevant personal information such as name and occupation; in addition to the stay duration, interests, relevant listings and cleanliness/party levels. Other renters can use this information to search for roommates and connect with one another to discuss living arrangements. Listing profiles contain information about the property, such as the monthly rent, size and its address. Renters and prospective users can filter through the search on this page to find listings compatible with their personal interests and housing budget.

We utilized Figma in order to generate a high fidelity mockup that displays what our final deployed application needs to look like. The design considerations were being able to select an accessible color palette, as well as display a map for users to see where listings are based. We then used React to develop the entirety of the project. Specifically, we utilized mapbox as our default map to visualize houses and apartments on our website.

Our website currently consists of 3 main pages: login/register page, Browse rentals, and find roommates pages. The registration page gathers some information about the renters and their preferences for roommates. The browse rental pages is the most important page in the website. It contains all information about potential houses/apartments such as price, number of bedrooms, location, and the area of the rental place in square footage. Finally, the find roommates page presents the users with potential roommates in different categories like timing, location, and preference match.

