System for exchanging accommodation for students

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Background

Nowadays many students start or continue their studies in foreign cities or countries. Since students usually don't have any connections to the new place they are moving to and due to bad housing situations, it is often hard for students to find accommodation during their studies.

Goal

The goal of the application is to enable students to exchange their accommodations easily, without depending on real-estates or landlords.

Functionality

The system should have the following functionalities:

- Enable students to publish their accommodation with pictures, information about the accommodation and the availability period

- Support searching and offer vacant places for available accommodation, for instance: location, size, cost, type of accommodation and available dates

- Provide a messaging system

- Provide matches according to the preferences of the user

- Provide a notification system if new accommodations become available

- Be easy to use and have an intuitive interface

- Be available on iOS, Android, and Web

- Support the authorization of students by their university to use the application