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# Introduction

The aim of the project is to create a software application easing the communication between landlord and tenants. The application’s goal is to enable communication and support both parties in their mission to maintain a household.

This report presents a solution on how to solve the problems with the house. The communication is solved with the help of a chatroom – for the tenants and complaint forms sent via email to the landlord. Moreover, the landlord can send announcements, preparing the tenants for an upcoming maintenance. In terms of chore separation and motivation, a calendar with the chores for the week is created. Each chore gives a certain amount of points, which in the end can be claimed to reap rewards.

# Background

Our team examined the problems within the household and addressed the potentially significant problems, resulting in the creation of a software application solving them. The proposed solution consists of six main points we have focused on – separate accounts for the landlord and the tenants, a calendar with chores and a separate interface for the chores taken, a chat room for the tenants, a point system, a complaint system via email and an announcement system. All these points are to smoothen the communication and allow an easier track of duties per week. The proposed accounts are to enable some hierarchy in this small ecosystem. The calendar is to help with the weekly organization. The chat is there to enable communication between the tenants. The point system is there to serve as a motivation to do the appointed chores with the possibility of a reward. The complaint system is a last resort measure, since it allows the landlord to interfere with inner operation of the house. Finally, the announcement system is to serve as a way of notifying the tenants of an upcoming maintenance, rent collection, etc.

# Problem statement