

Student House Dashboard Project Plan

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Revision history

Version number	Description
Version 1	Initial version
Version 1.01	Added Project background, edited Gantt chart and some minor edits

Current situation

As the housing market is liberalised, there are many different landlords and housing associations which operate in different ways. Most have a hands-off approach to the household chores. Some housing complexes are rented out for short stay, so the tenants change relatively often. For the chores to be completed effectively, the tenants need to communicate between themselves and schedule who is going to do a given task.

Project background

Currently the Netherlands is experiencing an unprecedented housing crisis. Many landlords manage housing complexes with multiple tenants due to the lack of independent accommodation. Some new tenants are shy when they first move in. They need a way to speak with the other tenants so they can integrate in the community as quickly as possible. Not integrating with the other tenants can lead to subpar living conditions.

Problem description

Landlords sometimes even get complaints that the shared facilities are not upkeep properly, common household items are missing and taking out the garbage is not done on time. Unless a tenant knocks everyone's door and tells them that he plans on having a party at their own accommodation, there's no reliable way of letting everyone know.

Project goal

This project aims to help new tenants just moving in in a new house or people coming from abroad in communicating effectively with their new housemates and landlord. That means creating a common system where events and announcements can be published, and complaints directly submitted to the landlord.

Deliverables

- Administration Windows Forms Application
 - Select managed house
 - Create, Read, Update, Delete (CRUD) functionality for user profiles, announcements, events and complaints
- ASP.NET web application for tenant use
 - Like/Dislike system for voting on announcements
 - Create and edit only their entities in the system visible by everyone in the house

Non-deliverables

- Extended customer support
- Feature enhancements after project deadline

Constraints

- ORM won't be used for this assignment
- Windows Forms and ASP.NET applications should use the same database

Phasing

