

Student Housing BV

Project plan

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Group: Group 2-2

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1. Summary of the Problems

Summary

- Client: Student Housing BV
- This company provides rental accommodations to students relocating to the Netherlands.
- Common areas such as kitchens, bathrooms, toilets, and storage spaces are shared among tenants.
- They have received numerous complaints from their clients, including:
 - Designated individuals not maintaining cleanliness in shared spaces.
 - Lack of grocery shopping or payment for communal items like toilet paper and dish soap.
 - Trash not being taken out punctually.
 - Unexpected parties or gatherings.
 - Some minor issues go unreported by clients.
- Objective: Develop an app to manage daily situations, aiming to decrease the number of complaints.
- The app should allow for tracking and viewing agreements made between clients.
- It must display updatable house rules.
- An option for submitting anonymous complaints should be included, with the ability to compile these complaints.
- Additional features and ideas are welcome, as long as they do not jeopardize the project deadline.

2.Risk Assessment

In this section, we will explore potential risks and strategies for addressing and preventing issues from escalating.

	High Probability	Low Probability	Solution
High Risk	<ul style="list-style-type: none"> Integrating code in the application (technological) 	<ul style="list-style-type: none"> Miscommunication Lack of communication People not finishing their tasks Getting too ahead of ourselves We lose files/progress Not having a Login system 	<ul style="list-style-type: none"> Non-functional code: To mitigate this, team members should seek assistance when needed and utilize resources such as YouTube tutorials. Miscommunication: Team members should prioritize clear communication with one another. Late task completion: Prompt communication can help the team adjust and minimize the impact of late deliveries.
Low Risk	<ul style="list-style-type: none"> Being too late for a meeting or not attending a project day. 	<ul style="list-style-type: none"> Forgetting to document something in our personal files. 	<ul style="list-style-type: none"> Inadequate communication: Taking time to discuss matters and ensuring everyone is on the same page can significantly reduce this risk. Hardware malfunctions: To prevent this, thorough testing must be conducted to ensure proper functioning.

3. Deliverables

	MoSCoW Prioritization
Must Have	<ul style="list-style-type: none">• Project Plan• UML Diagram• Login (with QR)• Complaints system• Announcements system• Attendance system• Agenda system• To-Do list
Should have	<ul style="list-style-type: none">• Forget login system• A nice for the eye design• Easy to use (UX-designing)• Contact page• Changing the contents of House Rules and Contact
Could have	<ul style="list-style-type: none">• Stock page• Notification system (through messages)• A design that does not open a new tab for everything• Delete account function
Will not have	<ul style="list-style-type: none">• Paying rent through the app• Contact the owner directly

- Our goal is to create a final product featuring a login system that utilizes QR codes for user authentication. The app will also include an anonymous complaint system, allowing tenants to share their concerns without hesitation.
- We've determined that implementing an announcement system for broadcasting general information to all tenants is an effective way to reach everyone in the building.
- To maintain a fair distribution of responsibilities, a random To-Do list generator will assign chores to individual tenants.
- An attendance system will also be incorporated to ensure the feasibility of assigned tasks.
- If a user forgets their login information or neglects their chores, a reminder will be sent to their mobile device.
- The app will be user-friendly and straightforward, requiring login credentials for most features.
- To maintain a visually appealing and functional interface, we will minimize the need to open new tabs for accessing various features.

4. Planning



Points to take note of:
- Nothing at this moment