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Project Plan - Torni

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# Introduction

We are having project where we design and execute notes managing system for existing four or five-star hotel. We chose Solo Sokos Hotel Torni from Tampere because we have connection to that hotel. Torni is located in the central of Tampere next to the railway station and it was opened in the autumn of 2014.

# Plan

We are going to build notes managing system for the Torni hotel. Hotel manager is the main user for the program. Employees has different levels depending on that where they work. Manager manages all the notes and passes them on for different departments managers who passes tasks for the right worker. All the managers and workers takes’ care of their own notes. They can comment on notes if the task is unfinished or is missing something and when the task is finished they close the note. There is possibility to add pictures in notes when they are created or in the comment. Workers can only see their own notes, managers of different departments can see their own and their departments notes’ and hotel manager can see all the notes. They can also investigate notes that have already been closed.

## Goals

Our goal is that program works in a browser as we have planned and that we manage to expand that to mobile devices too. All the functions should work properly and program is easy to use and looks nice.

## Methods

For the notes and user managing we are going to use SQL. Program uses different tables for each level of workers. Tables have their names, passwords and personal information. There is also going to be tables for new notes and closed ones.

All the functionality for the program comes from Java. We are going to code Java program so that it gets all the data from SQL that we need in different places.

There is also going to be web programming with HTML, CSS and JavaScript.

## Risks

We might have some problems with the back-end programming because we don’t have that much of an experience yet on coding. Also the web programming will be a challenge because that is also quite new thing for all of us. Like in all the previous projects we’ll also be in a little hurry at the end of this project.

# Description of tasks

Tasks has been shared with all the members evenly and so that everyone gets to do what they want. Of course we are working together the whole time so everyone knows how everything works. We are using Trello to make notes and to check how all the tasks is getting done.

## List of tasks

As the project goes on we are checking weekly how everything is getting done. If someone needs help and if it seems that we don’t get something done as we have scheduled then we are focusing on that problem to get over with it and continue with the plan.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Week | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Introduction of the project |  |  |  |  |  |  |  |  |  |
| Distribution of tasks |  |  |  |  |  |  |  |  |  |
| Designing project and structure |  |  |  |  |  |  |  |  |  |
| Web programming |  |  |  |  |  |  |  |  |  |
| Project plan |  |  |  |  |  |  |  |  |  |
| User Persona Interview |  |  |  |  |  |  |  |  |  |
| Testing |  |  |  |  |  |  |  |  |  |
| SQL |  |  |  |  |  |  |  |  |  |
| Java |  |  |  |  |  |  |  |  |  |
| Improvements |  |  |  |  |  |  |  |  |  |
| User testing report |  |  |  |  |  |  |  |  |  |
| Project Finished |  |  |  |  |  |  |  |  |  |
| Final report |  |  |  |  |  |  |  |  |  |

## Schedule

## Persons responsible(chart)

Project Manager: Tsegaw

Secretary: Kaisa

Back-End Programming: Dhiraj, Sachin

Front-End Programming: Kaisa, Tsegaw

Databases: Tatu

Testing: Everyone

## Testing

Testing is part of our project every time we do something new. We’ll have to make sure that our program works. We are using GitHub so we can send all versions to each other and modify them at test them.

# Description of the result

Program is easy to use and simple. It looks modern and fulfils users expectations.

## Final result

Result should be as we have planned and that a hotel could really use our program.

## Requirements

All the functions has to work properly. Notes that moves from one user has to go to the right person so that the user gets all the information that is on the note. User can add and modify notes. Manager can add new users for the program.

## Constraints

In the hotel is many kinds of workers so there is also many kinds of users. It will be a challenge to make program that works and looks perfectly to all kinds of people.

## Usability

The whole program is clear and there is nothing extra there to confuse the user. There is necessary info for the user for the parts that might cause questions.

## Design

Look of the program is modern and classy.

## User Persona

There is many kinds of users but we are making an interview with the Solo Manager from the Torni hotel who could be considerable user for the program. He has lots of tasks at work and is a great user persona for the program.

# Organization and modes of work

When we are at school we are working together but all of us also works at home. Everytime we get something done we share it to GitHub for all the other members. And we communicate with each other about the work that we are doing at the moment.

## Modes of work: external and internal control

User can control the external part of the program by adding members and notes etc. Internal control is our team members job and we have to take care that everything works.

## Information

All the members communicate with each other with Whatsapp and Trello. We see each other weekly so we can share our information also face to face.

## Documentation

There will be documentation through out the project as we get things started and done.

## References

We have two connections on Torni hotel so we can communicate with them to get real information from the hotel.

We are using a lot of web engines and material we have from school to get the job done.