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Team Six

Web application project

Helsinki Metropolia University of Applied Sciences

Information and Communications Technology (ICT)

Application Development Methods TX00CK90-3003

Project Plan

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# Introduction

This plan describes the stages of the project to create a web application by second-year students of the Helsinki Metropolia University of Applied Sciences. The project plan contains information about project schedule, team description, potential client.

We are planning to create an application for hotel management. This application will be a note management system for the client. For instance main user will be the Manager and other staff like reception, kitchen staff, guest service and maintenance service.

# Team Member Roles

|  |  |
| --- | --- |
| Team member | Role |
| Kasperi Tuovinen | Team leader, back end, quality assurance, time management |
| Alex Laakkonen | Team management, back-end, documentation, testing |
| Yasir Arafath | Front-end, documentation, testing |
| Anastasiia Tikhonova | Front-end, Design, Data base, documentation, testing |

The project involves four students of Information and Communications Technology degree program. The total time spent on the project can be approximately 250 hours. Time includes searching, designing, front-end, back-end, testing and final reporting.

# Client

As a potential client we choose Sokos Hotel Vantaa.

Sokos hotel is a renowned hotel in Finland. It has several branches across Finland. We are particularly focusing on Sokos Hotel Vantaa in Tikkurila. It is a four-star hotel and it offers various types of rooms under different price range. It also has conference room and four restaurants.

# Project Schedule

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Team |  | Anastasiia |  | Alex |  | Kasperi |  | Yasir |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Week 5 | Week 6 | Week 7 | Week 8 | Week 10 | Week 11 |
| Gaining information, searching |  |  |  |  |  |  |
| User interface |  |  |  |  |  |  |
| App design |  |  |  |  |  |  |
| Data base design |  |  |  |  |  |  |
| Front-end |  |  |  |  |  |  |
|  |  |  |  |  |  |
| Back-end |  |  |  |  |  |  |
|  |  |  |  |  |  |
| Documentation |  |  |  |  |  |  |
| Testing |  |  |  |  |  |  |

# Time Management

|  |  |
| --- | --- |
|  | Time (hours) |
| Gaining information, searching | 10 |
| App design | 8 |
| Data base design and development | 10 |
| Front-end | 60 |
| Back-end | 60 |
| Documentation | 35 |
| Testing | 60 |
| Total | 243 (approx.) |

# Conclusion

In conclusion we can say that it is a challenging task for us because we have never done this kind of project before especially combining front-end and back-end and also database task. Time management can play a vital role to accomplish this project. However, we are pretty confident that we are going to create a user-friendly application which helps the authority to maintain their daily activities.