**Hotel overlook**

**Project Description**

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# Preface

Optional

# List of figures and tables

Figure 1:

# Background description

Mr Ullman is the owner of the overlook hotel, a small but luxurious hotel with a rich history, it has been owned by the same family for generations. The hotel it’s relatively small. It only has 42 rooms distributed in 3 floors. The typical guests come all over the world to the overlook hotel to appreciate its history and for the family-like atmosphere.

the tradition is the main point in the Overlook hotel, it can be found everywhere starting from the staff or exteriors to the rooms itself. Having this in mind the owner was in doubt about adding more recent components, to remain as true to the hotel’s past as possible. However, Mr. Ullman now thinks that the same components that are giving the traditional look to the hotel are compromising the possibility to grow for his business.

Now the employers are writing everything (needed to save the booking status) in an old ledger.

The old manual labour gives a lot of problems both with double bookings, and time management. Now they’re making a day-by-day planner manually, by going trough the ledger daily, this procedure is time consuming easy to misconstrue.

The double-booking lead also to having free rooms set as booked. So, it’s easy that they can refuse guest even if they had room for them.

The requirement for the system are being able to register a booking, register and see expected check-ins and check-outs, search for an exiting booking, and the possibility to filter the available rooms by a certain time frame, price range, and room type.

And also, the existing website didn’t age well, now the guests are complaining about the phone usability, and its old appearance.

# Definition of purpose

The purpose is to lead the overlook hotel into a new and automated gestion of its booking system, day planner and website. Following today’s standards.

# Problem Statement

IDEAL: The booking process should be easy to use for the employee. Flexible to accomplish the costumers desire Solid enough to don’t lose already registered booking or even overlap a new one with an exiting reservation

Problem: The current bookings process is not efficient the employee must write every details manually and this can lead to mistakes that generate double booking.

What are the main parts of the process?

What part can be removed and/or made automatic?

Why there are double bookings?

What is the necessary information to create a booking?

Problem: The current day-by-day planner made by the employee is time consuming easy to misconstrue

Which information are needed daily?

What is the most time-consuming task, can it be automate?

Problem: The website is old, and the phone usability is it not taken in reflection

What are the habits of the end user (device usage)?

What are the theme and messages of the current website? Are they going to change?

# Delimitation

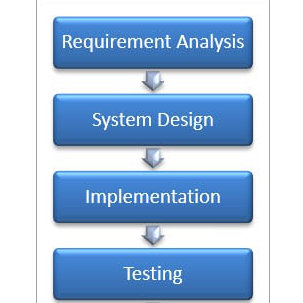
* Editing an existing booking

# Choice of models and methods

The methods planned to be used is the Analysis, design, implementation and testing.

Analysis. It has different models, and we are going to use the waterfall model. It’s characterized by working in a linear way, “so the outcome of one phase is the input for the next phase” (Softwaretestinghelp.com, May 2022) The development of the subsequential phase can starts only after the end of the previous one.

First it starts with the analysis of all the requirements, then we can move to the design of the system that would be the input for the implementation by coding and the resulting software must be tested for flaws that must be take track of.



# Time schedule

Expect how many hours we expect to work on this project

Then set a timeline – starting with deadline

-inserting milestones: Analysis, design, implementation and test

# Risk assessment

For content see Appendix 1 “VIA Engineering – Project Description Guidelines”.

Define the risk that I could see that could get the way of this project

Risk have to be relevant and specific USE TABLE

# Sources of Information

For content see Appendix 1 “VIA Engineering – Project Description Guidelines”

List all sources we have used and the reference

**“SDLC (Software Development Life Cycle) Phase, Process, Model”, softwaretestinghelp, 4 May 2022**

Available at: <https://www.softwaretestinghelp.com/software-development-life-cycle-sdlc/> (Accessed 16 May 2022)

**Appendices**

For content see Appendix 1 “VIA Engineering – Project Description Guidelines”.