



# HOSPITAL LEAVES SYSTEM

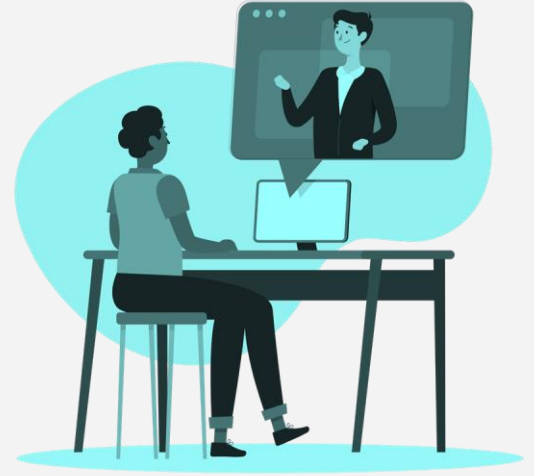
# INTRODUCTION

## SELECTED ORGANIZATION

King Abdulaziz naval base hospital in jubail

## INTERVIEWER

Dr. Yousef Aloufi the head of diving and hyperbaric medicine department



# PROBLEM DESCRIPTION

The hospital faces difficulties in the leave reservation system  
They uses a manual leave request system to fill forms, which caused them the following issues:

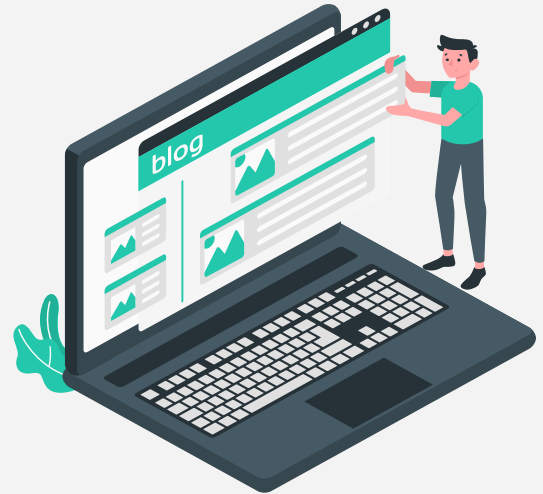
- Difficulty in getting administrators approval
- Calculation Remaining days. Which is depends on :
  - Leaves Types.
  - Employee categories.
  - Number of vacation days allowed for each employee.



# SOLUTION

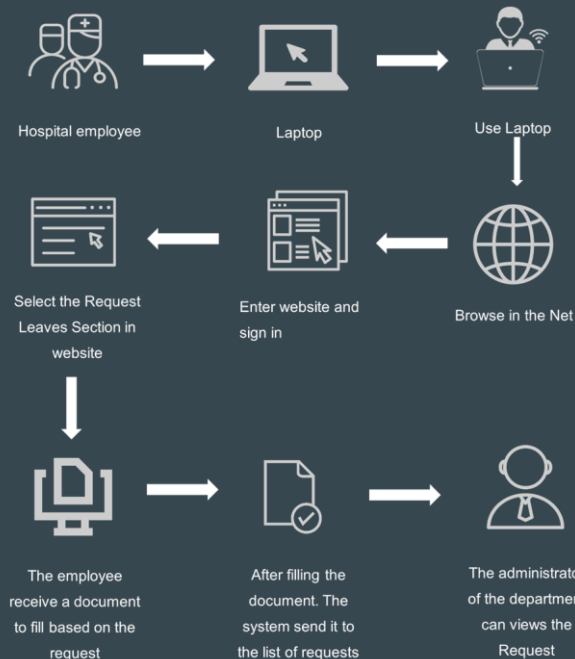
## Creation of a website:

- Request a vacation via the website.
- Employee can add remark in his request.
- Employee upload files.
- viewing their vacation record, remained days, request status.
- administrator accesses the website to confirm the request or decline it.
- Employee receive notification via email.
- Manage the leave system.
  - Adding or removing employees.
  - Update vacation list.

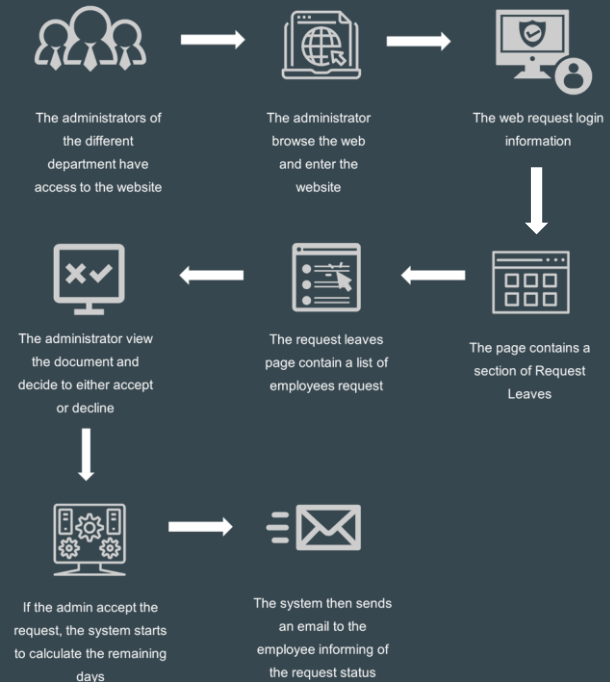


# SOLUTION DIAGRAM

## Employees view



## Department managers' view



# METHODOLOGY

Agile methodology is used in this project due to the following:

- The need of modifying on the project continuously by iterative development.
- Number of group members.
- developers with responsibility and motivation.
- Dealing with the lack of predictability.



# INTERVIEW

What kind of feature do you suggest to add?

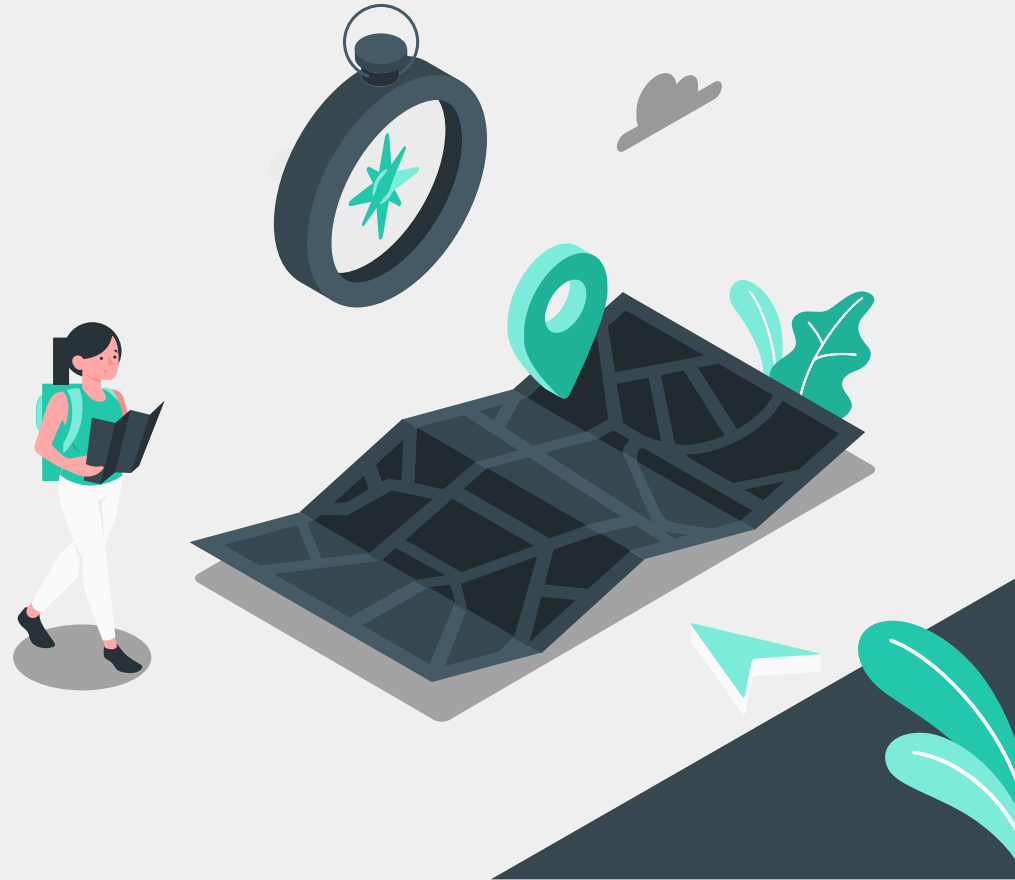
- Exact or deserved days of vacation for each employee.
- Extending vacation requests.
- Upload and download files.
- Smart colored calendar.
- Statistics and graphs.
- Previous plan for the vacation of all the employee ahead.

What is the required data the employees need to request vacation?

- Name
- Rank and title
- Employee number
- Department
- Job title or job position
- Id or Iqama
- Vacation type
- Number of days required
- Starting days
- Place of vacation
- Contact number
- Rational or remark

# CONCLUSION

We came up with a system that provide all the necessary features for the hospital leaves system.







# THANK YOU FOR LISTENING

Any questions?



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