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**Group 03 – Table of Five™**

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**Hotel Management Website  
Vision Document**

**Version <1.0>**

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<b>Vision Document</b>	<b>Date:</b> 12/11/2022
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## Revision History

<b>Date</b>	<b>Version</b>	<b>Description</b>	<b>Author</b>
12/11/2022	1.0	Create a Vision Document	Nguyen Le Son

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## Vision (Small Project)

### 1. Introduction

The purpose of this document is to collect, analyze, and define high-level needs and features of the Hotel Management Website. It focuses on the capabilities needed by the stakeholders and the target users, and **why** these needs exist. The details of how the Hotel Management Website fulfills these needs are detailed in the use-case and supplementary specifications.

#### 1.1 References

<https://flutter.dev>

### 2. Positioning

#### 2.1 Problem Statement

The problem of	Managing the employees and accessing the service easily to the customers
affects	The owner and the customers
the impact of which is	The owner who lack of experience or need a support to help them manage the employees, and the customer who need a new easily way to access the services of the hotel.
a successful solution would be	Helping the onwer to manage the employees easier with high responsibility and helping the customer acces

#### 2.2 Product Position Statement

For	Staff of the hotel and customer
Who	Manage the staff of hotel and help the costumers access the service
The (product name)	
That	Help the owner manage their staff and help the costumers access the service of the hotel
Unlike	Some of the current apps like Traveloka
Our product	Connects the owner and the employees, help the customers easily access the service of the hotel

### 3. Stakeholder and User Descriptions

#### 3.1 Stakeholder Summary

Name	Description	Responsibilities
IT Group: Table of Five™	The small group of IT developer	Responsible for the project and maintain and update the system if it has errors.
Miss Nguyen Thi Minh Tuyen	Professors	Make the advices to fix the error or bug of the project, improve the project management.

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### 3.2 User Summary

Name	Description	Responsibilities	Stakeholder
Customers	Access the services of hotel by paying	Notify the error from the website to admin, capture the update of the website, access to hotel customer service	End-user
Staff	Access the functions of manage their work and help the owner to manage the employees	Notify the error from the website to admin, receive the update of the website, edit the work schedule, access to staff service.	Self-represented
Admin	Manages the database of staff and customers, maintain and update the website, full access to all the roles	Maintain and update the website, Responsible for the server of the website, fix any bug, error that other roles notify to admin	Self-represented
Bot	access to API to perform roles management automatically	Access to API, database to change the roles of User, announce update from the Admin to all the User.	

### 3.3 User Environment

. With the above topic, a management website will have 4 main roles group: Admin, employee, bot and customer. Users will access to the website of the hotel to do all the features of this web. The website can go to the website in all the device like laptop and smartphone. With each roles, we will have its own support functions to perform:

- + Customers: Customers will be separated to some roles base on customer membership by registration and booking hotel multiple times. Each customer roles have different benefits including access to some of facility, free food / drinks, personal budler / maid, discount on next visits
- + Staff: Depend on their roles in staff management. They can check the list of booked rooms, check the rooms status, check customer information, calculate the budget, check-in / check-out guest, check room requests, issues discounts, can manage customer roles...
- + Admin: Manage and have full access to all the roles above, divide the roles for staff and customer, check the server + client, update new things for the website.
- + Bot: Have the access to API to perform roles management automatically, like promoting customer when certain criteria is meet. Promote staff if they have worked long enough.

### 3.4 Summary of Key Stakeholder or User Needs

Need	Priority	Concerns	Current Solution	Proposed Solutions
Broadcast messages				

### 3.5 Alternatives and Competition

This website can't replace all viable alternatives that are using normally in community. But the things we do for the website is we combine the management in company( Hotel company) and customer's participation in hotel service in one website.

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## **4. Product Overview**

### **4.1 Product Perspective**

### **4.2 Assumptions and Dependencies**

## **5. Product Features**

### **5.1 Logon**

All the user will have a account that can access to this website. Each User have a role that admin give them after sign up the account.

### **5.2 Book the room in hotel**

The user who is the customers can book the room in online in the website.

### **5.3 Buy the service**

The user who is the customers can buy the hotel service in online in the website or in the hotel .

### **5.4 Customer care**

The user who is the customers can be suportred by the staff of the hotel online in the website.

### **5.5 Check the work schedule of the staff**

The user who is the staff can see their work schedule in the website.

### **5.6 Manage the employee**

The user who is the staff role and the manager of the branch of the hotel can manage the employees by making the schedule for them, making a meeting, check the process of working, salary,...

### **5.7 Check and edit user information**

All the user can check the personal information in this website. You can edit it if something you need to change.

### **5.8 Notify some important update, information**

The bot can notify some news, some changed of the website or some inportant things to the user.

### **5.9 Maintain the dataset of user**

The admin will create the database of the user, maintain them, and have responsible for all database.

### **5.10 Maintain and update the website**

The admin will maintain and update the website as they like and notify to the user.

## **6. Non-Functional Requirements**

### **6.1 Device:**

Smartphone that can access to website and have a good network that can be use.  
Laptop and PC is a same as Smartphone

### **6.2 System Requirement:**

None

### **6.3 Performance Requirement:**

The website can be accessed maximum 100 users at any once time.

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The website can get feedback in 10 seconds.

#### **6.4 Environment Requirement:**

None