



# **Booking Birthday Party for Kids**

## **Software Requirement Specification**

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**Ho Chi Minh, 16/01/2024**

**RECORD OF CHANGE**

\*A - Added M - Modified D - Deleted

Effective Date	Changed Items	A* M, D	Change Description	New Version
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16/01/2024	Use case: Log in	Add	Add "Log in" use case detail	1.0
16/01/2024	Use case: View packages	Add	Add "View packages" use case detail	1.0
16/01/2024	Use case: View products	Add	Add "View products" use case detail	1.0
16/01/2024	Use case: Make inquiries	Add	Add "Make inquiries" use case detail	1.0
18/01/2024	Use case: Login by Google	Add	Add "Login by Google" use case detail	1.0
18/01/2024	Use case: View profile	Add	Add "View profile" use case detail	1.0
18/01/2024	Use case: Update profile	Add	Add "Update profile" use case detail	1.0
18/01/2024	Use case: Change password	Add	Add "Change password" use case detail	1.0
18/01/2024	Use case: Delete account	Add	Add "Delete account" use case detail	1.0
21/01/2024	Use case: Log out	Add	Add "Logout" use case detail	1.0
21/01/2024	Use case: View the list of packages	Add	Add "View the list of packages" use case detail	1.0
21/01/2024	Use case: Add a new package	Add	Add "Add a new package" use case detail	1.0
21/01/2024	Use case: Edit the information of package	Add	Add "Edit the information of package" use case detail	1.0
21/01/2024	Use case: Remove the package	Add	Add "Remove the package" use case detail	1.0
26/01/2024	Use case: View the list of products	Add	Add "View the list of products" use case detail	1.0
26/01/2024	Use case: Add a product	Add	Add "Add a product" use case detail	1.0
26/01/2024	Use case: Edit the information of product	Add	Add "Edit the information of product" use case detail	1.0
26/01/2024	Use case: Remove the product	Add	Add "Remove the product" use case detail	1.0
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01/02/2024	Use case: View the list of users	Add	Add "View the list of users" use case detail	1.0
01/02/2024	Use case: Create a new user	Add	Add "Create a new user" use case detail	1.0
01/02/2024	Use case: Edit the information of user	Add	Add "Edit the information of user" use case detail	1.0
01/02/2024	Use case: Remove the user	Add	Add "Remove the user" use case detail	1.0
15/02/2024	Use case: Moderate user-generated content	Add	Add "Moderate user-generated content" use case detail	1.0
15/02/2024	Use case: Book a party	Add	Add "Book a party" use case detail	1.0
15/02/2024	Use case: Pay by bank account	Add	Add "Pay by bank account" use case detail	1.0
15/02/2024	Use case: View the booking schedule	Add	Add "View the booking schedule" use case detail	1.0
15/02/2024	Use case: Cancel the booking schedule	Add	Add "Cancel the booking schedule" use case detail	1.0
01/03/2024	Use case: View history booking	Add	Add "View history booking" use case detail	1.0
01/03/2024	Use case: Review the party	Add	Add "Review the party" use case detail	1.0

## **SIGNATURE PAGE**

**ORIGINATOR:** <Name> \_\_\_\_\_ <Date> .  
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## 1 INTRODUCTION

Planning a wonderful and stress-free children's party has never been easier thanks to our cutting-edge **Booking Party for Kids** program! Our program is designed to simplify the entire party planning process, providing a comprehensive solution for parents and event organizers wishing to throw the perfect party for their children.

### 1.1 Purpose

The primary aim of this document is to articulate the functional and non-functional requisites for the **Booking Party for Kids** software application. It serves as a foundational guide for the development, implementation, and ongoing maintenance of the software, outlining the key features, constraints, and specifications essential for its successful operation.

### 1.2 Scope

The **Booking Party for Kids** software is conceived to simplify and enhance the process of planning and managing children's birthday parties. Targeting parents, party venues, and event organizers, this software encompasses user profiles, party packages, booking systems, communication channels, and administrative tools. Its scope extends to providing an intuitive and efficient platform that bridges the needs of various stakeholders involved in organizing children's events.

### 1.3 Definitions, Acronyms, and Abbreviations

Terms	Definition
Host	Hosts play a central role in the application, providing details about their party offerings, including venue information, available dates, party themes, and package options.
Customer	Guests can browse available party options, view details of packages, and check availability for desired dates. They also have the ability to make inquiries and contact hosts for further information or customization requests.
Admin	Admins have responsibilities related to system management, monitoring user-generated content, ensuring the quality and appropriateness of party listings and reviews, and handling system maintenance.

### 1.4 References

1.4.1. Website:

- [www.google.com](http://www.google.com)
- [www.wikipedia.org](http://www.wikipedia.org)

#### *1.4.2 Books:*

- Software Engineering Seventh Edition Ian Sommerville.
- Software Engineering Ed.2 by Jalota & Pankaj.

## **1.5 Overview**

The Booking Birthday Party for Kids addresses the needs of parents, party venues, and event organizers, it creates a dynamic and interconnected ecosystem for delightful and stress-free celebrations. The software's scope extends beyond mere booking, embracing the entire journey of creating memorable moments for kids and their families.

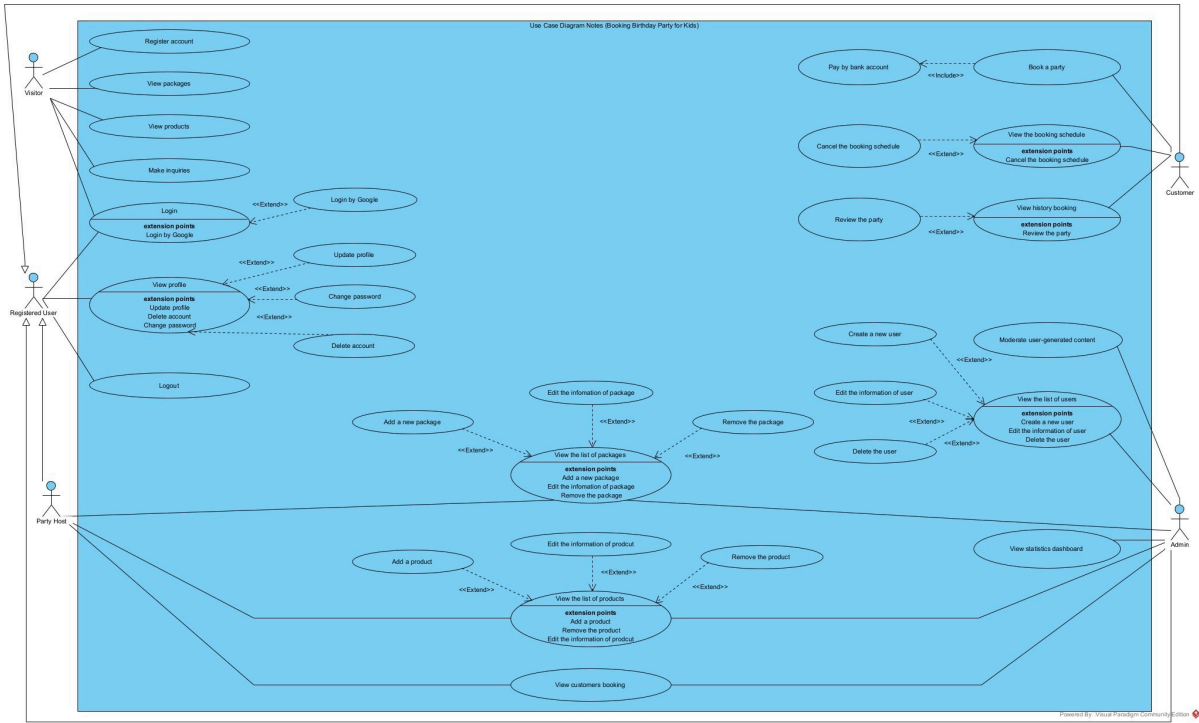


## **2 OVERALL DESCRIPTION**

The program is designed to make scheduling and organizing kid's birthday celebrations easier. Users who are not particularly tech-savvy tend to be parents or guardians. The scheduling, food, and entertainment are all integrated into the platform. Both scalability and compliance with child safety requirements are required. It is assumed that users will have internet access and that services and goods will be available. Following are certain functional and non-functional criteria.

3 FUNCTIONAL REQUIREMENT

Use Cases Diagram



3.1 Use Case Details

3.2.1: Sign up

USE CASE 1: SIGN UP			
Use-case No.	UC-01	Use-case Version	1.0
Use-case Name	Sign up		
Author	Huỳnh Lê Nhật Hoàng		
Date	16/01/2024	Priority	High

**Actor:**

Visitor

**Summary:**

As a visitor, I want to register an account.

**Triggers:**

The actor wants to register an account in Freekids Spot web application.

**Preconditions:**

The actor does not have an account.

**Post Conditions:**

**Success:** The system redirects to home page.

**Failed:** The system shows error message corresponding to error code.

**Main Success Scenario:**

Step	Actor Action	System Response
1	In home page, the actor click on "Sign up" button	System shows the "Register" form with these field: <ul style="list-style-type: none"><li>+ Username: text input, required, check unique username,</li><li>+ Password: password input, required, length 6 - 8 characters.</li><li>+ Phone: number text input, required, length 10 characters.</li><li>+ Email: text input, required, check email format.</li></ul>
2	The actor inputs username, password, full name, email and phone fields.	
3	The actor clicks "Create account" button.	The system will check all fields. If correct, create a new account and redirect to the home page.

**Alternative Scenario:**

Step	Actor Action	System Response
1	The actor clicks on "Sign up with Google"	System redirects to sign up screen of Google.
2	Guest choose a Google account to sign up.	The system creates a new account and redirects to the home page.

**Exceptions:**

No	Cause	System Response
1	The actor clicks the “Create” button without entering information.	Display an error message “Please enter your information”.
2	The actor clicks the “Create” button with email, phone, password invalid format or username exist.	Display an error message “Please enter valid email”, “Please enter valid phone”, “Please enter valid password” or “Username already exists”.
3	Google account has been invalid	Display an error message “Sign up with Google account failed”.

**Relationships:**  
N/A

**Business Rules:**  
N/A

### 3.2.2: Log in

USE CASE 2: LOG IN			
Use-case No.	UC-02	Use-case Version	1.0
Use-case Name	Log in		
Author	PhuongDH		
Date	16/01/2024	Priority	High

**Actor:**

Registered User, Visitor

**Summary:**

As a Registered user, I want to log in Freekids Spot application

As a Visitor, I want to log in Freekids Spot application.

**Goal:**

The feature allows users to login in Freekids Spot application.

**Triggers**

Actor wants to log in Freekids Spot application.

**Preconditions:**

Actor has authenticated into Freekids Spot application.

**Post Conditions:**

System informs "**Login successfully!**", and the actor will be redirected to the Home screen of the application.

**Main Success Scenario:**

Step	Actor Action	System Response
1	Actor taps on "BOOK NOW" and taps on "Log in"	System redirects to Login screen
2	Actor input user name account and input password	System informs "Login successfully!", redirects to Account screen.

**Alternative Scenario:**

Step	Actor Action	System Response
1	Actor taps on "BOOK NOW" / "LOGIN" / and taps on "Login by Google"	System redirects to Login screen of Google
2	Actor choose a Google account	System informs "Login successfully!", redirects to Account screen.

**Exceptions:**

No	Cause	System Response
1	Google account hasn't been authenticated Freekids Spot application	System redirects to Sign Up screen
2	Password or User name account is incorrect when login Freekids Spots	System redirects to Login screen again

**Relationships:**

N/A

**Business Rules:**

N/A

**3.2.3: Log out****USE CASE 3: LOG OUT**

<b>Use-case No.</b>	<b>UC-03</b>	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	Log out		
<b>Author</b>	PhuongDH		
<b>Date</b>	16/01/2003	<b>Priority</b>	Medium

**Actor:**

Admin, Customer, Host

**Summary:**

As a user, I want to log out of my account to ensure the security of my personal information and maintain privacy.

**Goal:**

This feature allows users to log out of the Freekids Spot application.

**Triggers:**

Actor wants to log out of the Freekids Spot application.

**Preconditions:**

The user is currently logged into the application.

**Post Conditions:**

The user is logged out successfully and is redirected to the login page or a logout confirmation screen.

**Main Success Scenario:**

Step	Actor Action	System Response
1	Actor taps on "Account" tab	
2	Actor taps on "Logout" tab	System presents a confirmation dialog asking the user to confirm the logout
3a	Actor taps on "YES" button	System redirects to Home screen, inform "Logout succesfully!"

**Alternative Scenario:**

N/A

**Exceptions:**

No	Cause	System Response
2a	Internet connection lost	System shows pop up error "Oops! You've lost internet connection! Let's go back and connect to your network again!".
2a1	Actor taps on "Retry" button on the pop up - use case stop	Systems redirects to the Home screen.
3b	Actor taps on "NO" button	System returns to the previous state, and no action is taken.

**Relationships:**

N/A

**Business Rules:**

N/A

**3.2.4: Book a party**

<b>USE CASE 4: BOOK A PARTY</b>			
<b>Use-case No.</b>	<b>UC-04</b>	<b>Use-case Version</b>	<1.0>
<b>Use-case Name</b>	Book a party		
<b>Author</b>	Huynh Dinh Luyen		
<b>Date</b>	16/01/2024	<b>Priority</b>	High



**Actor:**

Customer

**Summary:**

As a customer, I want to book a party on an available date.

**Goal:**

The feature allows customers to book a party for kids.

**Triggers :**

The customers want to book a party.

**Preconditions:**

The customer must log in successfully.

**Post Conditions:**

If customers completely book a party, they can pay the remaining balance if they have already paid the deposit.

**Main Success Scenario:**

Steps	Actor Action	System Response
1	The customer clicks on the "Book Now" button on the navigation bar.	The system redirects to the booking page with the form with these fields: <ul style="list-style-type: none"><li>+ Package</li><li>+ Date and time</li><li>+ Number of kids and adults will be in</li><li>+ Product</li><li>+ Pay the deposit</li></ul>
2	The customer fills out the information in the form and finally pays the deposit or the full amount.	The system responds with the message "Please wait for the confirmation system."
3	The customer waits for confirmation from the system.	The system alerts "You have booked successfully."

**Alternative Scenario:**

N/A

**Exceptions:**

N/A

**Relationships:**

The “Book a party” includes the “Pay by bank account”.

**Business Rules:**

In order to make a successful reservation, the guest must pay the deposit or the entire amount.

**3.2.5: Pay by bank account****USE CASE 5: PAY BY BANK ACCOUNT**

<b>Use-case No.</b>	<b>UC-05</b>	<b>Use-case Version</b>	<1.0>
<b>Use-case Name</b>	Pay by bank account		
<b>Author</b>	Huynh Dinh Luyen		
<b>Date</b>	16/01/2024	<b>Priority</b>	High

**Actor:**

Customer

**Summary:**

As a customer, I want to pay for booking the party.

**Goal:**

The feature allows customers to complete the transaction for the party.

**Triggers:**

The customers want to pay money for the party.

**Preconditions:**

Customers must completely fill out the information on the booking form for the party.

**Post Conditions:**

The system shows the message "You have successfully paid."

**Main Success Scenario:**

Steps	Actor Action	System Response
1	The customer clicks on the "Pay the deposit" button at the last step of the booking form.	The system displays invoice information, including the amount to be paid, the bank account number, and a QR code.
2	After the actor has already paid the deposit, the customer may pay the remaining money.	The system shows the message "You have successfully paid."

**Alternative Scenario:**

N/A

**Exceptions:**

No	Cause	System Response
1	The customer has transferred money for the deposit, but not enough money.	The system responds "You have not paid enough money. Please transfer to complete the payment."

**Relationships:**

The "Pay by bank account" is included by "Book a party".

**Business Rules:**

The customer needs to pay the deposit first, then the customer pays the remaining money.

### 3.2.6: Cancel booking

<b>USE CASE 6: Cancel Booking</b>			
<b>Use-case No.</b>	<b>UC-06</b>	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	<b>Cancel booking</b>		
<b>Author</b>	Huỳnh Lê Nhật Hoàng		
<b>Date</b>	16/01/2024	<b>Priority</b>	High

**Actor:**

Customer

**Summary:**

This feature allows the actor to cancel their booking.

**Goal:**

The actor can cancel their booking.

**Triggers:**

The actor wants to cancel their booking.

**Preconditions:**

The actor have pre-booked their party.

**Post Conditions:**

**Success:** The system will display a notification to ensure that the actor agrees to cancel. Then, the actor will click yes/no, if the actor clicks yes, the system will cancel their booking, otherwise, the system will not cancel their booking .

**Failed:** The system shows the message "Cannot Cancel" for actors.

**Main Success Scenario:**

Step	Actor Action	System Response
1	Actor enters "History Booking" to see their booking.	System will show all the actor's history booking, edit button icon and delete button icon also show.
2	Actor clicks the delete button icon.	System will show a notification on screen to ensure that the actor agrees to cancel. The screen will show: "Are you sure to cancel this booking?", and 2 buttons yes and no.
3	The actor will click the yes/no button.	<ul style="list-style-type: none"><li>- If the actor clicks yes, the system will cancel their booking and notify the actor "Cancel Successfully".</li><li>- If the actor clicks no, the system will not cancel their booking and the notification will hide.</li></ul>

**Alternative Scenario:**

N/A

**Exceptions:**

N/A

**Relationships:**

The “Cancel Booking” relates to “Booking Party”.

**Business Rules:**

Clear guidelines to handle cancellations effectively and maintain a positive customer experience.

**3.2.7: Add a new package****USE CASE 7: ADD A NEW PACKAGE**

<b>Use-case No.</b>	<b>UC-07</b>	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	Add a new package		
<b>Author</b>	MinhLTB		
<b>Date</b>	16/01/2014	<b>Priority</b>	High

**Actor:**

Party host, admin

**Summary:**

This use case enables both party hosts and admins to add a new package to the system.

**Goal:**

The primary goal is to allow party hosts and admins to successfully create and add a new package to the system.

**Triggers:**

Party host or admin initiating the creation of a new package.

**Preconditions:**

- The user must be logged in as a party host or an admin.
- A stable internet connection is required.

**Post Conditions:**

**Success:** The new package was successfully added to the system and the package listing is updated to include the newly added package.

**Failed:** The system will direct to the Error page.

**Main Success Scenario:**

Steps	Actor Action	System Response
1	In the Package List, when hovering each item, a "View more" button will show, click the "View More" button.	System directs the Package page, shows the button "add" and product list.
2	Actor clicks the button "add".	The modal add a package will show with a form with those fields: <ul style="list-style-type: none"><li>- Package's name: text input, required.</li><li>- Package's image URL: text input, required.</li><li>- Package's Description(optional): text input, required.</li><li>- Package's Price: number input, required.</li></ul>
3	Actor clicks the button "Add Package" to submit the form.	If fields are all valid, the system will re-render the page, and the package list will have a new package.

**Alternative Scenario:**

N/A

**Exceptions:**

No	Cause	System Response
1	At least one input field doesn't match the constraint.	System will show error messages corresponding to the fail constraint, below the error input field.
2	Package existed in the system.	System will show error messages "Add failed, this package has already existed in the package list".

**Relationships:**

The "Add a new package" extends to the "View the list of packages".

**Business Rules:**

N/A

**3.2.8: Remove a package****USE CASE 8: REMOVE A PACKAGE**

Use-case No.	UC-08	Use-case Version	1.0
Use-case Name	Remove a package		
Author	MinhLTB		
Date	16/01/2024	Priority	High



**Actor:**

Party host, admin

**Summary:**

This use case enables both party hosts and admins to remove a package from the system.

**Goal:**

The primary goal is to allow party hosts and admins to successfully remove a package from the system.

**Triggers:**

Party host or admin initiating the removal of a package.

**Preconditions:**

- The user must be logged in as either a party host or an admin.
- A stable internet connection is required.

**Post Conditions:**

**Success:** Show a list of products and button "Delete" for actors.

**Failed:** Show error page.

**Main Success Scenario:**

Steps	Actor Action	System Response
1	In the Package List, when hovering each item, a "View more" button will show, click the "View More" button.	System directs the Package page and shows the product list with those fields. <ul style="list-style-type: none"><li>- Package's name: text input, required.</li><li>- Package's image URL: text input, required.</li><li>- Package's Description(optional): text input, required.</li><li>- Package's Price: number input, required.</li><li>- "Delete" button.</li></ul>
2	Actor clicks the button "Delete".	The notification will show a message: "Are you sure to delete this package?", and two buttons: "Yes" / "No".
3	Actor clicks the button "Yes".	The system will re-render the page, and that package has been deleted.

**Alternative Scenario:**

Step	Actor Action	System Response
1	In the Package List, when hovering	System directs the Package page and shows the

	each item, a “View more” button will show, click the “View More” button.	product list with those fields. <ul style="list-style-type: none"> <li>- Package’s name: text input, required.</li> <li>- Package’s image URL: text input, required.</li> <li>- Package’s Description(optional): text input, required.</li> <li>- Package’s Price: number input, required.</li> <li>- “Delete” button.</li> </ul>	
2	Actor clicks the button “Delete”.	The notification will show a message: “Are you sure to delete this package?”, and two buttons: “Yes” / “No”.	
3	Actor clicks the button “No”.	The notification will hide and the product list will not change.	

**Exceptions:**

N/A

**Relationships:**

The "Remove a package" extends to the 'View the list of packages'.

**Business Rules:**

N/A

### 3.2.9: Change password

USE CASE 9: CHANGE PASSWORD			
Use-case No.	UC-09	Use-case Version	1.0
Use-case Name	Change password		
Author	Huỳnh Đình Luyện		
Date	18/01/2024	Priority	Normal

**Actor:**

Customer, party host, admin

**Summary:**

This feature allows actors to change the password of their account.

**Triggers:**

The actor wants to change the password.

**Preconditions:**

The actor has logged into the website.

**Post Conditions:**

The actor can use the new password for the next login.

**Main Success Scenario:**

<b>Steps</b>	<b>Actor Action</b>	<b>System Response</b>
1	Hover to the avatar in the top right corner of the page.	Show a drop down list of options: <ul style="list-style-type: none"><li>- My profile</li><li>- History Transaction</li><li>- Logout</li></ul>
2	Click 'My profile'	Redirect to the profile page.
3	Click 'Change password' in the left navigation of the page	Redirect to the page for changing password and including these inputs: <ul style="list-style-type: none"><li>- Type the old password</li><li>- Type the new password</li><li>- Type the confirmed password</li></ul>
4	Fill in these inputs to complete changing password	Show the message: "Update the password successfully".

**Alternative Scenario:**

N/A

**Exceptions:**

<b>No</b>	<b>Cause</b>	<b>System Response`</b>
1	The actor types the old password.	Show error message: "Password is incorrect".

**Relationships:**

The "Change password" extends to "View profile".

**Business Rules:**

N/A

**3.2.10: View history booking****USE CASE 10: VIEW HISTORY BOOKING**

<b>Use-case No.</b>	UC-10	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	View history booking		
<b>Author</b>	Huỳnh Đình Luyện		
<b>Date</b>	18/01/2024	<b>Priority</b>	Normal

**Actor:**

Customer

**Summary:**

This feature allows customers to view the booking schedule.

**Triggers:**

Customers

**Preconditions:**

The customer has logged into the website.

**Post Conditions:**

Show the booking schedules.

**Main Success Scenario:**

Steps	Actor Action	System Response
1	Hover to the avatar in the top right corner of the page.	Show a drop down list of options: <ul style="list-style-type: none"><li>- My profile</li><li>- History booking</li><li>- Logout</li></ul>
2	Click 'History booking'	Redirect to the booking schedule page containing the list of customer's booking, include information such as: <ul style="list-style-type: none"><li>- Working date and time</li><li>- Number of guest</li><li>- Packages, products are selected</li><li>- Status</li><li>- Total amount</li><li>- Note or request from customer</li></ul>

**Alternative Scenario:**

N/A

**Exceptions:**

N/A

**Relationships:**

The "View the booking schedule" is extended by "Review the party", and is included by "Cancel the booking schedule".

**Business Rules:**

N/A

**3.2.11: View the list of users**

<b>USE CASE 11: VIEW THE LIST OF USERS</b>			
<b>Use-case No.</b>	UC-04	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	View the list of users		
<b>Author</b>	MinhLTB		
<b>Date</b>	16/01/2014	<b>Priority</b>	High

**Actor:**

Admin

**Summary:**

This use case enables the admin to view the list of users registered in the system, giving access to user details and information for administrative purposes.

**Goal:**

The primary goal is to allow the admin to successfully access and review the list of users registered within the system.

**Triggers**

Admin initiating the action to view the list of users.

**Preconditions:**

- The user must be logged in as an admin.
- A stable internet connection is required.

**Post Conditions:**

- The admin successfully views the list of users.
- User details and information are accessible for administrative purposes.

**Main Success Scenario:**

Steps	Actor Action	System Response
1	The admin navigates to the Admin Center page of the system.	The system displays options for managing users in the sidebar.
2	The admin selects one of these options "Admin Panel", "Manage Party Host", "Manage Customer" from the available sidebar.	The system retrieves and displays the list of registered users with specific roles in the system including usernames, full names, email addresses, phones, user passwords.

**Alternative Scenario:**

N/A

**Exceptions:**

No	Cause	System Response
1	System encounters technical issues.	The error message displayed, prompting the admin to retry.
2	An unauthorized user attempts to access the "View the list of users" functionality.	Security prompt displayed, denying the action.

**Relationships:**

The "View the list of users" belongs to the Admin.

**Business Rules:**

N/A

**3.2.12: Create a new user****USE CASE 12: CREATE A NEW USER**

<b>Use-case No.</b>	UC-04	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	Create a new user		
<b>Author</b>	MinhLTB		
<b>Date</b>	16/01/2014	<b>Priority</b>	High



**Actor:**

Admin

**Summary:**

This use case enables an admin creates a new user account within the system

**Goal:**

The primary goal is to allow the Admin to successfully create a new user account with appropriate permissions and access.

**Triggers:**

Admin initiating the creation of a new user account.

**Preconditions:**

- The user must be logged in as an Admin.
- A stable internet connection is required.
- The Admin must have appropriate permissions to create new user accounts.

**Post Conditions:**

- The new user account is successfully created and added to the system.
- The user can log in using the provided credentials and access the system according to the assigned permissions.

**Main Success Scenario:**

Steps	Actor Action	System Response
1	The admin navigates to the Admin Center page of the system.	The system displays options for managing users in the sidebar.
2	The admin selects the "Create a new user" option from the available menu.	The system displays the new user form, including usernames, full names, email addresses, phones, user passwords.
3	Entering the required details for the new user account, including username, email address, phone, and other relevant information. Assigning appropriate permissions and access levels specifying the roles within the system.	The system validates the input and accepts the details.
4	The admin confirms and submits the new user.	The system processes information and creates a new user account in the system database. The confirmation message is displayed.

**Alternative Scenario:**

N/A

**Exceptions:**

No	Cause	System Response
1	System encounters technical issues.	The error message displayed, prompting the admin to retry.
2	An unauthorized user attempts to access the "Create a new user" functionality.	Security prompt displayed, denying the action.
3	The entered information is incomplete or invalid.	The system prompts the admin to correct the errors before proceeding with the user creation.

**Relationships:**

The "Create a new user" extends to the "View the list of users".

**Business Rules:**

N/A

**3.2.13: Edit the information of user****USE CASE 13: EDIT THE INFORMATION OF USER**

<b>Use-case No.</b>	UC-04	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	Edit the information of user		
<b>Author</b>	MinhLTB		
<b>Date</b>	16/01/2014	<b>Priority</b>	High

**Actor:**

Admin

**Summary:**

This use case enables an admin to edit the information of a user within the system.

**Goal:**

The primary goal is to allow the admin to successfully modify user information in the system.

**Triggers**

Admin initiating the action to edit user information.

**Preconditions:**

- The user must be logged in as an admin.
- A stable internet connection is required.
- The admin must have appropriate permissions to edit user information.

**Post Conditions:**

- The user's information is successfully updated in the system.
- Changes made by the admin reflect accurately for the respective user.

**Main Success Scenario:**

Steps	Actor Action	System Response
1	The admin navigates to the user management section of the system.	The system displays options for managing users.
2	The admin selects the "Edit the information of user" option from the available menu.	The system displays the user form, including username, email address, phone, and other relevant information.
3	Modifying the required details for the user account, including username, email address, phone, and other relevant information. Updating appropriate permissions and access levels specifying the roles within the system.	The system validates the input and accepts the details.
4	The admin confirms and submits the modified user.	The system processes information and updates the user account in the system database. The confirmation message is displayed.

**Alternative Scenario:**

N/A

**Exceptions:**

No	Cause	System Response
1	System encounters technical issues.	The error message displayed, prompting the admin to retry.
2	An unauthorized user attempts to access the "Edit the information of user" functionality.	Security prompt displayed, denying the action.
3	The entered information is incomplete or invalid.	The system prompts the admin to correct the errors before proceeding with the update.

**Relationships:**

The "Edit the information of user" extends to the "View the list of users".

**Business Rules:**

N/A

**3.2.14: Remove the user****USE CASE 14: REMOVE THE USER**

<b>Use-case No.</b>	UC-04	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	Remove the user		
<b>Author</b>	MinhLTB		
<b>Date</b>	16/01/2014	<b>Priority</b>	High

**Actor:**

Admin

**Summary:**

This use case enables an admin to remove a user from the system.

**Goal:**

The primary goal is to allow the admin to successfully remove a user.

**Triggers**

Admin initiating the action to remove a user.

**Preconditions:**

- The user must be logged in as an admin.
- A stable internet connection is required.
- The admin must have appropriate permissions to remove users.

**Post Conditions:**

- The user's account is successfully removed from the system.
- Access for the removed user is revoked, and their data is deleted from the system.

**Main Success Scenario:**

Steps	Actor Action	System Response
1	The admin navigates to the user management section of the system.	The system displays options for managing users.
2	The admin selects the specific user to be removed from the system.	The system processes the removal request and deletes the user's account from the system database.
3	The admin confirms the removal.	The system processes the removal request and deletes the user's account from the system database.

**Alternative Scenario:**

N/A

**Exceptions:**

No	Cause	System Response
1	System encounters technical issues.	The error message displayed, prompting the admin to retry.

2	An unauthorized user attempts to access the "Remove the user" functionality.	Security prompt displayed, denying the action.	
<b>Relationships:</b> The "Remove the user" extends to the "View the list of users". <b>Business Rules:</b> N/A			

**3.2.15: Make inquiries**

<b>USE CASE 15: SPECIFICATION</b>			
<b>Use-case No.</b>	<b>UC-15</b>	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	Make inquiries		
<b>Author</b>	Nguyen Nhat Hao		
<b>Date</b>	16/01/2024	<b>Priority</b>	High

**Actor:**

Visitor, Customer

**Summary:**

This use case describes the process by which a visitor or customer makes inquiries about a party details.

**Goal:**

To enable visitors and customers to seek additional information or clarification of a party.

**Triggers:**

The visitor or customer accesses the details of a specific party and clicks the “Contact us for more information” link.

**Preconditions:**

N/A

**Post Conditions:**

Inquiry is successfully submitted to the system.

**Main Success Scenario:**

No	Actor Action	System Response
1	Actor clicks to “Contact Us” on navigation	The system directs to the contact page with form contact and these field: <ul style="list-style-type: none"><li>+ Your name: text input, required.</li><li>+ Email: text input, required, valid email and existing email.</li><li>+ Phone: number text input, required, length 10 characters.</li><li>+ Message: text input, required.</li><li>+ Submit button.</li></ul>
2	Actor clicks the “Submit” button to submit that form.	The system will send form to mail freekidsspot@gmail.com

**Alternative Scenario:**

N/A

**Exceptions:**

No	Cause	System Response
1	Visitor or customer encounters technical issues when submitting the inquiry.	System displays an error message and prompts the visitor or customer to try again later.

**Relationships:**

N/A

**Business Rules:**

The system must ensure that all mandatory fields in the inquiry form are filled before submission.

Visitors and customers should receive confirmation of successful inquiry submission for their records.

**3.2.16: View profile****USE CASE 16: VIEW PROFILE**

<b>Use-case No.</b>	UC-12	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	View profile		
<b>Author</b>	Huỳnh Đình Luyện		
<b>Date</b>	18/01/2024	<b>Priority</b>	Normal



**Actor:**

Customer, party host, admin

**Summary:**

This feature allows actors to view their personal profile including: full name, email, phone.

**Triggers:**

The actor wants to view their personal profile.

**Preconditions:**

The actor has logged into the website.

**Post Conditions:**

Show the profile of the actor.

**Main Success Scenario:**

<b>Steps</b>	<b>Actor Action</b>	<b>System Response</b>
1	Hover to the avatar in the top right corner of the page.	Show a drop down list of options: <ul style="list-style-type: none"><li>- My profile</li><li>- History booking</li><li>- Logout</li></ul>
2	Click 'My profile'	Redirect to the profile page include information such as: <ul style="list-style-type: none"><li>- Full name</li><li>- Email</li><li>- Phone number</li></ul>

**Alternative Scenario:**

N/A

**Exceptions:**

N/A

**Relationships:**

The "View profile" is extended by "Update profile", "Change password", "Delete account".

**Business Rules:**

N/A

**3.2.17: Update profile**

<b>USE CASE 17: UPDATE PROFILE</b>			
<b>Use-case No.</b>	<b>UC-13</b>	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	Update profile		
<b>Author</b>	Nguyen Nhat Hao		
<b>Date</b>	16/01/2024	<b>Priority</b>	High

**Actor:**

Registered user.

**Summary:**

This use case allows the users to update their profile information.

**Goal:**

To enable a user to edit their name, email, phone number, etc.

**Triggers:**

Actor clicks the "Edit Profile" button.

**Preconditions:**

Actor is logged into the system.

**Post Conditions:**

Actor's profile information is updated in the database.

**Main Success Scenario:**

Steps	Actor Action	System Response
1	Hover to the avatar in the top right corner of the page.	The system directs to the "Edit profile" page with form edit and these field: <ul style="list-style-type: none"><li>+ Your name: text input, required.</li><li>+ Email: text input, required, valid email and existing email.</li><li>+ Phone: number text input, required, length 10 characters.</li><li>+ Save button.</li></ul>
2	User modifies information and clicks the "Save" button.	The system validates and saves updated profile data.
3	User acknowledges the confirmation message	The system displays a confirmation message "Update successfully!"

**Alternative Scenario:**

N/A

**Exceptions:**

No	Cause	System Response
----	-------	-----------------

1	Invalid data entered	Notification displayed, prompting the user to retry.
2	Unauthorized access attempt.	Security prompt displayed, denying the action.
3	System encounters technical issues when saving data	System displays error message showing that it failed to save the data

**Relationships:**

Update profile extends View profile use case

**Business Rules:**

Email must be in a valid format.

Phone number must be in valid format

### 3.2.18: Delete account

USE CASE 18: DELETE ACCOUNT			
Use-case No.	UC-14	Use-case Version	1.0
Use-case Name	Delete account		
Author	Nguyen Nhat Hao		
Date	16/01/2024	Priority	High

**Actor:**

Registered user

**Summary:**

This use case allows the users to delete their accounts.

**Goal:**

Enabling the users to fully delete their accounts' data.

**Triggers:**

Actor clicks the "Delete My Account" button.

**Preconditions:**

Actor is logged into the system.

**Post Conditions:**

Actor's account data permanently removed from the database.

**Main Success Scenario:**

No	Actor Action	System Response
1	Actor selects the "Delete My Account" option	The system displays a confirmation prompt with user's current information with a "Confirm" button and a "Cancel" button
2	Actor clicks "Confirm"	The system validates and deletes account profile data

**Alternative Scenario:**

No	Actor Action	System Response
1	User selects the "Delete My Account" option	The system displays a confirmation prompt with user's current information with a "Confirm" button and a "Cancel" button
2	User clicks "Cancel"	System cancels delete operation and returns user to account screen

**Exceptions:**

No	Cause	System Response
----	-------	-----------------

1	Invalid confirmation input	Notification displayed, prompting the user to retry.
2	Unauthorized access attempt.	Security prompt displayed, denying the action.
3	The system encounters technical issues when deleting data	Error message displayed that the account was not deleted. Prompt to retry

**Relationships:**  
Extends to View profile use case.

**Business Rules:**  
Confirmation required before deleting account

**3.2.19: View the list of products**

USE CASE 19: VIEW THE LIST OF PRODUCTS			
Use-case No.	UC-05	Use-case Version	1.0
Use-case Name	View the list of products		
Author	Huỳnh Lê Nhật Hoàng		
Date	16/01/2024	Priority	High

**Actor:**

Customer, Party host, Admin, Vistor

**Summary:**

This feature allows actors to view a list of products including: foods, beverages, services, themes, packages of a party.

**Goal:**

To allow party hosts and admins to review and manage the packages offered for their party listings or to allow visitors and customers to view all the packages available

**Triggers:**

The actor navigates to the Service section and clicks the “View All” button.

**Preconditions:**

. N/A

**Post Conditions:**

**Success:** Show a list of products for actors.

**Failed:** Show error page.

**Main Success Scenario:**

Step	Actor Action	System Response
1	In the Product List, when hovering each item, a “View more” button will show, click the “View More” button.	System directs Product page: <ul style="list-style-type: none"><li>+ With role “Customer”, show:<ul style="list-style-type: none"><li>- Image of products.</li><li>- Name of products.</li><li>- Price of products.</li><li>- Description of products.</li></ul></li><li>+ With role “Admin” and “Party host”, show:<ul style="list-style-type: none"><li>- ID of products.</li><li>- Image of products.</li><li>- Name of products.</li><li>- Price of products.</li><li>- Description of products.</li><li>- Edit button to update products.</li><li>- Delete button to remove products.</li></ul></li></ul>

**Alternative Scenario:**

N/A

**Exceptions:**

N/A

**Relationships:**

This use case include Add new products, Edit products and Remove products

**Business Rules:**

N/A

**3.2.20: Add a new product****USE CASE 20: ADD A NEW PRODUCT**

<b>Use-case No.</b>	<b>UC-05</b>	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	<b>Add a new product</b>		
<b>Author</b>	Huỳnh Lê Nhật Hoàng		
<b>Date</b>	16/01/2024	<b>Priority</b>	High



**Actor:**

Party host

**Summary:**

This feature allows actor to add a new product to the product list.

**Goal:**

The actor can add a product.

**Triggers:**

The actor wants to add a product.

**Preconditions:**

The actor must login with the role "Party host".

**Post Conditions:**

**Success:** Show a list of products and button "Add" for actors.

**Failed:** Show error page.

**Main Success Scenario:**

Step	Actor Action	System Response
1	In the Product List, when hovering each item, a "View more" button will show, click the "View More" button.	System directs the Product page, shows the button "add" and product list.
2	Actor clicks the button "add".	The modal add a product will show with a form with those fields: <ul style="list-style-type: none"><li>- Product's name: text input, required.</li><li>- Product's image URL: text input, required.</li><li>- Product's Description(optional): text input, required.</li><li>- Product's Price: number input, required.</li></ul>
3	Actor clicks the button "Add Product" to submit the form.	If fields are all valid, the system will re-render the page, and the product list will have a new product.

**Alternative Scenario:**

N/A

**Exceptions:**

No	Cause	System Responding
1	At least one input field doesn't match the constraint.	System will show error messages corresponding to the fail constraint, below the

		error input field.	
2	Product existed in the system.	System will show error messages “Add failed, this product has already existed in the product list”.	
<b>Relationships:</b> This use case extends Show products. <b>Business Rules:</b> N/A			

### 3.2.21: Update a product

<b>USE CASE 21: UPDATE A PRODUCT</b>			
<b>Use-case No.</b>	<b>UC-05</b>	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	<b>Update a product</b>		
<b>Author</b>	Huỳnh Lê Nhật Hoàng		
<b>Date</b>	16/01/2024	<b>Priority</b>	High

**Actor:**

Party host

**Summary:**

This feature allows actor to update a product to the product list.

**Goal:**

The actor can update a product.

**Triggers:**

The actor wants to update a product.

**Preconditions:**

The actor must login with the role "Party host".

**Post Conditions:**

**Success:** Show a list of products and button "Update" for actors.

**Failed:** Show error page.

**Main Success Scenario:**

Step	Actor Action	System Response
1	In the Product List, when hovering each item, a "View more" button will show, click the "View More" button.	System directs the Product page and shows the product list with those fields: <ul style="list-style-type: none"><li>- Product's name: text input, required.</li><li>- Product's image URL: text input, required.</li><li>- Product's Description(optional): text input, required.</li><li>- Product's Price: number input, required.</li><li>- "Update" button.</li></ul>
2	Actor clicks the button "Update Product".	The notification will show a message: "Are you sure to update this product?", and two buttons: "Yes" / "No".
3	Actor clicks the button "Yes".	The system will re-render the page, and that product has been updated.

**Alternative Scenario:**

Step	Actor Action	System Response
1	In the Product List, when hovering each item, a "View more" button will show, click the "View More" button.	System directs the Product page and shows the product list with those fields: <ul style="list-style-type: none"><li>- Product's name: text input, required.</li><li>- Product's image URL: text input, required.</li></ul>

		<ul style="list-style-type: none"> <li>- Product's Description(optional): text input, required.</li> <li>- Product's Price: number input, required.</li> <li>- "Update" button.</li> </ul>
2	Actor clicks the button "Update Product".	The notification will show a message: "Are you sure to update this product?", and two buttons: "Yes" / "No".
3	Actor clicks the button "No".	The notification will hide and the product list will not change.

**Exceptions:**

No.	Cause	System Response
1	At least one input field doesn't match the constraint.	System will show error messages corresponding to the fail constraint, below the error input field.
2	Product existed in the system.	System will show error messages "Update failed, this product has already exist in product list"

**Relationships:**

This use case extends Show products.

**Business Rules:**

N/A

**3.2.22: Remove a product**

USE CASE 22: REMOVE A PRODUCT			
Use-case No.	UC-05	Use-case Version	1.0
Use-case Name	Remove a product		
Author	Huỳnh Lê Nhật Hoàng		
Date	16/01/2024	Priority	High

**Actor:**

Party host

**Summary:**

This feature allows actor to remove a product from the product list.

**Goal:**

The actor can remove a product.

**Triggers:**

The actor wants to remove a product.

**Preconditions:**

The actor must login with the role "Party host".

**Post Conditions:**

**Success:** Show a list of products and button "Remove" for actors.

**Failed:** Show error page.

**Main Success Scenario:**

Step	Actor Action	System Response
1	In the Product List, when hovering each item, a "View more" button will show, click the "View More" button.	System directs the Product page and shows the product list with those fields. <ul style="list-style-type: none"><li>- Product's name: text input, required.</li><li>- Product's image URL: text input, required.</li><li>- Product's Description(optional): text input, required.</li><li>- Product's Price: number input, required.</li><li>- "Remove" button.</li></ul>
2	Actor clicks the button "Delete".	The notification will show a message: "Are you sure to remove this product?", and two buttons: "Yes" / "No".
3	Actor clicks the button "Yes".	The system will re-render the page, and that product has been deleted.

**Alternative Scenario:**

Step	Actor Action	System Response
1	In the Product List, when hovering each item, a "View more" button will show, click the "View More" button.	System directs the Product page and shows the product list with those fields. <ul style="list-style-type: none"><li>- Product's name: text input, required.</li><li>- Product's image URL: text input, required.</li></ul>

		<ul style="list-style-type: none"> <li>- Product's Description(optional): text input, required.</li> <li>- Product's Price: number input, required.</li> <li>- "Remove" button.</li> </ul>	
2	Actor clicks the button "Remove".	The notification will show a message: "Are you sure to delete this product?", and two buttons: "Yes" / "No".	
3	Actor clicks the button "No".	The notification will hide and the product list will not change.	

**Exceptions:**  
N/A

**Relationships:**  
This use case extends Show products.

**Business Rules:**  
N/A

### 3.2.23: View the list of packages

<b>USE CASE 23: VIEW THE LIST OF PACKAGES</b>			
<b>Use-case No.</b>	<b>UC-23</b>	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	View the list of packages		
<b>Author</b>	Nguyen Nhat Hao		
<b>Date</b>	16/01/2024	<b>Priority</b>	High

**Actor:**

Party host, Admin, Customer, Visitor

**Summary:**

This use case allows the users to view the list of packages associated with their party listing.

**Goal:**

To allow party hosts and admins to review and manage the packages offered for their party listings or to allow visitors and customers to view all the packages available .

**Triggers:**

The actor navigates to the Packages section and clicks “View all packages’ button.

**Preconditions:**

N/A

**Post Conditions:**

The actor successfully views the list of packages associated with their party listing.

**Main Success Scenario:**

No	Actor Action	System Response
1	In the Package List, when hovering each item, a “View more” button will show, click the “View More” button.	System directs Package page: <ul style="list-style-type: none"><li>+ With role “Customer”, show:<ul style="list-style-type: none"><li>- Image of packages.</li><li>- Name of packages.</li><li>- Description of packages.</li><li>- Price of packages.</li></ul></li><li>+ With role “Admin” and “Party host”, show:<ul style="list-style-type: none"><li>- ID of packages.</li><li>- Image of packages.</li><li>- Name of packages.</li><li>- Price of packages.</li><li>- Description of packages.</li><li>- Edit button to update package.</li><li>- Delete button to remove package.</li></ul></li></ul>

**Alternative Scenario:**

N/A

**Exceptions:**

N/A

**Relationships:**

- + Includes Add a new package use case
- + Includes Edit the information of package use case
- + Includes Remove the package use case

**Business Rules:**

The system must ensure that only valid packages existing in the database are being displayed

**3.2.24: Edit the information of package****USE CASE 24: EDIT THE INFORMATION OF PACKAGE**

<b>Use-case No.</b>	<b>UC-24</b>	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	Edit the information of package		
<b>Author</b>	Nguyen Nhat Hao		
<b>Date</b>	16/01/2024	<b>Priority</b>	Normal



**Actor:**

Party host, Admin

**Summary:**

This use case describes the process of a user edits the information of a package associated with their package list.

**Goal:**

To enable the users to update and modify the details of a package offered for their package list.

**Triggers:**

The user navigates to the "Edit" option in a specific package within their package list.

**Preconditions:**

The user is logged into the system

**Post Conditions:**

The user successfully edits and saves the updated information of the package.

**Main Success Scenario:**

No	Actor Action	System Response
1	In the Package List, when hovering each item, a "View more" button will show, click the "View More" button.	System directs the Package page and shows the product list with those fields: <ul style="list-style-type: none"><li>- Package's name: text input, required.</li><li>- Package's image URL: text input, required.</li><li>- Package's Description(optional): text input, required.</li><li>- Package's Price: number input, required.</li><li>- "Update" button.</li></ul>
2	Actor clicks the button "Update Package".	The notification will show a message: "Are you sure to update this package?", and two buttons: "Yes" / "No".

3	Actor clicks the button "Yes".	The system will re-render the page, and that package has been updated.
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**Alternative Scenario:**

No	Actor Action	System Response
1	In the Package List, when hovering each item, a "View more" button will show, click the "View More" button.	System directs the Package page and shows the product list with those fields: <ul style="list-style-type: none"><li>- Package's name: text input, required.</li><li>- Package's image URL: text input, required.</li><li>- Package's Description(optional): text input, required.</li><li>- Package's Price: number input, required.</li><li>- "Update" button.</li></ul>
2	Actor clicks the button "Update Package".	The notification will show a message: "Are you sure to update this package?", and two buttons: "Yes" / "No".
3	Actor clicks the button "No".	The notification will hide and the product list will not change.

**Exceptions:**

No	Cause	System Response
1	At least one input field doesn't match the constraint.	System will show error messages corresponding to the fail constraint, below the error input field.

2	Package existed in the system.	System will show error messages “Update failed, this package has already exist in product list”
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**Relationships:**

Extends to View Packages use case

**Business Rules:**

The system must ensure that only valid changes are accepted for the package information.

All mandatory fields must be filled with valid data before saving the changes.

Changes made to the package information should be reflected accurately in the system.

**3.2.25: View customers booking****USE CASE 25: VIEW CUSTOMERS BOOKING**

<b>Use-case No.</b>	<b>UC-25</b>	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	View customers booking		
<b>Author</b>	Nguyen Nhat Hao		
<b>Date</b>	16/01/2024	<b>Priority</b>	High

**Actor:**

Party host, Admin

**Summary:**

This use case describes the process by which an actor views the bookings made by customers for their party listing.

**Goal:**

To enable the actor to monitor and manage the bookings made by customers for their party listings.

**Triggers:**

The actor wants to see the reservations' customers.

**Preconditions:**

The actor is logged into the system with the role "Host" or "Admin".

**Post Conditions:**

The actor successfully views the list of bookings made by customers for their party listing.

**Main Success Scenario:**

No	Actor Action	System Response
1	The actor navigates to the "View Bookings of Customers" section.	<p>The system directs to the View Booking page and show reservation list of customers following table format:</p> <ul style="list-style-type: none"><li>- Table:<ul style="list-style-type: none"><li>+ Number</li><li>+ Reservation ID</li><li>+ Package name</li><li>+ Theme</li><li>+ Booking date</li><li>+ Working date</li><li>+ Working time</li><li>+ Number of kids</li><li>+ Number of adults</li><li>+ Username</li><li>+ Food<ul style="list-style-type: none"><li>• Quantity of Food</li></ul></li><li>+ Services</li><li>+ Deposit</li><li>+ Total</li></ul></li></ul>

		<ul style="list-style-type: none"> <li>+ Reservation status</li> <li>+ Note (optional)</li> <li>+ Edit button</li> <li>+ Delete button</li> </ul>
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**Alternative Scenario:**

N/A

**Exceptions:**

N/A

**Relationships:**

N/A

**Business Rules:**

N/A

**3.2.26: Review the party**

<b>USE CASE 26: REVIEW THE PARTY</b>			
<b>Use-case No.</b>	<b>UC-26</b>	<b>Use-case Version</b>	1.0
<b>Use-case Name</b>	Review the party		
<b>Author</b>	PhuongDH		

<b>Date</b>	16/01/2024	<b>Priority</b>	High
<b>Actor:</b>  Customer			
<b>Summary:</b>  As a customer, I want to be able to review and provide feedback on a party experience I attended.			
<b>Goal:</b>  This feature allows customers to share their thoughts, ratings, and comments on the party they attended, helping other potential guests make informed decisions.			
<b>Triggers:</b>  The customer logs into their account after attending a party.			
<b>Preconditions:</b>  Customers must have attended a party that is already completed.  The customer must be logged into their account on the web application			
<b>Post Conditions:</b>  The party review is successfully submitted and visible to other users.			
<b>Main Success Scenario:</b>			
<b>No</b>	<b>Actor Action</b>	<b>System Response</b>	
1	The actor navigates to the "View History Booking" section.	Redirect to the "View History Booking" page containing the list of customer's booking, include information such as: <ul style="list-style-type: none"><li>- Working date and time</li><li>- Number of guest</li><li>- Packages, products are selected</li><li>- Status</li><li>- Total amount</li><li>- Note or request from customer</li><li>- Rating.</li><li>- Comment text area.</li></ul>	

2	The actor clicks the rating button to rate their reservation.	The system displays 5 stars non-color, the actor will rate how many stars they want, and stars they chose will have yellow color .
3	The actor reviews their bookings by comment. (optional)	The system will show a text area for customers to fill, and a submit button to submit the form.
4	The actor clicks the "Submit" button.	The system will submit that form.

**Alternative Scenario:**

N/A

**Exceptions:**

N/A

**Relationships:**

N/A

**Business Rules:**

N/A

## **4 NON-FUNCTIONAL REQUIREMENTS**

### **4.1 Usability**

#### **Usability Requirement Three**

All text, labels, and notifications for end-users must be presented in English by default.

#### **Usability Requirement Three**

The website must be designed to be user-friendly, allowing end-users to navigate and utilize its features intuitively without requiring formal training.

### **4.2 Reliability**

#### **Reliability Requirement One**

The system must perform without failure in 95 percent of use cases in two months.

#### **Reliability Requirement Two**

The system must ensure data integrity of all quotations at all processes.

#### **Reliability Requirement Three**

The system should be able to handle errors and recover from errors without data loss.

### **4.3 Performance**

#### **Performance Requirement One**

The system should respond to user inputs within 2 seconds for standard operations.

#### **Performance Requirement One**

Critical operations, such as financial transactions, should have a response time not exceeding 1 second.

#### **Performance Requirement One**

The system must support a minimum of 1000 concurrent users without a degradation of performance.



## **4.4 Supportability**

### **Supportability Requirement One**

The system should be designed with modular components, facilitating easy maintenance and updates.

### **Supportability Requirement Two**

Routine maintenance tasks, such as software updates and patching, should be straightforward and well-documented.

### **Supportability Requirement Three**

The documentation should be regularly updated to reflect changes in the system.

## **4.5 Design Constraints**

### **Design Constraint One**

The system design must adhere to all relevant regulatory and compliance standards in the industry or region.

### **Design Constraint Two**

Regular audits should be conducted to ensure ongoing compliance.

### **Design Constraint Three**

The new system must seamlessly integrate with existing legacy systems, following established integration protocols and standards.

## **4.6 On-line User Documentation and Help System Requirements**

To implement online user help, link and search fields shall be provided

## **4.7 Purchased Components**

Not applicable

## **4.8 Interfaces**

### **User Interfaces**

- The UI for end users, admin, and hosts can be flexible in Vietnamese or English

### **Hardware Interfaces**

- User Devices: Customers will access the website and mobile app using devices like laptops, tablets and smartphones. Supported browsers are Chrome, Firefox and Safari.
- Server: The system will run on a Windows server with at least 8GB RAM, quad core CPU and 256GB storage. Standard Windows drivers will be used.
- WiFi Router: A basic home/office WiFi router is needed for internet connectivity and wireless access for user devices.
- Printer: A laser jet printer will be configured for administrators to print reports and booking information. Windows printer drivers will be installed.
- Barcode Scanner (Optional): A USB barcode scanner can optionally be used to validate booking IDs and QR codes. Standard plug-and-play drivers will detect the device.

### **Software Interfaces**

- N/A

### **Communications Interfaces**

- The system should use HTTP methods to transfer data

## **4.9 Licensing Requirements**

Not applicable.

## **4.10 Legal, Copyright, and Other Notices**

The project should display the claimers, copyright, wordmark, trademark, and product warranties of the service.

## **4.11 Applicable Standards**

It shall be as per the industry standards.

## **5 SUPPORTING INFORMATION**