

Use Case Descriptions

ID:	1
Title:	Register an Account
Description:	The user registers an account on the web application
Primary Actor:	Potential Customer
Preconditions:	None
Postconditions:	The credentials of the user are added to the database.
Main Success Scenario:	<div>1) The user clicks the sign up button located in the navigation bar.</div> <div>2) The application displays the sign up page, which reveals input fields to enter their name, email, phone number and password.</div> <div>3) The user types in their details.</div> <div>4) The system displays a success message and the user is navigated to the home page.</div>
Extensions:	<div>If the user enters invalid fields:</div> <div>1) Application finds one or more invalid inputs.</div> <div>2) The system displays an error message indicating which field is incorrect.</div> <div>3) The user can re-enter their details until it is correct.</div>
Frequency of Use:	Once per customer.
Status:	N/A
Owner:	N/A
Priority:	HIGH

<b>ID:</b>	2
<b>Title:</b>	Login Process
<b>Description:</b>	User tries to sign into the web application
<b>Primary Actor:</b>	User
<b>Preconditions:</b>	User has an existing account in the database
<b>Postconditions:</b>	The user is authenticated and can view the user dashboard.
<b>Main Success Scenario:</b>	<ol style="list-style-type: none"><li>1) User clicks the login button located in the navigation bar.</li><li>2) The login page is displayed which reveals input fields to enter their email and password.</li><li>3) The user enters their details and clicks sign in.</li><li>4) The system checks the database for their credentials.</li><li>5) The system then authenticates the user and navigates them to the home page.</li></ol>
<b>Extensions:</b>	<p>If the user enters invalid details:</p> <ol style="list-style-type: none"><li>1) The system does not find any relevant details in the database.</li><li>2) The application displays an error message telling them they are unauthorized.</li><li>3) The user can re-enter correct details.</li></ol>
<b>Frequency of Use:</b>	Often. Every time they use the application or when their JSON token expires.
<b>Status:</b>	N/A
<b>Owner:</b>	N/A
<b>Priority:</b>	N/A

<b>ID:</b>	3
<b>Title:</b>	New Booking Guest
<b>Description:</b>	The user successfully reserves a table at the restaurant
<b>Primary Actor:</b>	Customer (unauthenticated)
<b>Preconditions:</b>	The user is not logged into the system
<b>Postconditions:</b>	Reservation date, time and guest details are added to the database.
<b>Main Success Scenario:</b>	<div>1) The guest clicks the “Book a table” button on the home page</div> <div>2) The system redirects them to a guest booking form.</div> <div>3) Guest chooses the date they want and the time slots available.</div> <div>4) The system presents them with input fields to enter their personal information.</div> <div>5) The customer presses submit, and the system shows them a success message.</div>
<b>Extensions:</b>	<div>User fails to enter credentials:</div> <div>1) User submits the booking form without typing in credentials.</div> <div>2) The system presents them with an error message to fill in the fields.</div>
<b>Frequency of Use:</b>	Frequently
<b>Status:</b>	N/A
<b>Owner:</b>	N/A
<b>Priority:</b>	HIGH

<b>ID:</b>	4
<b>Title:</b>	New Booking User (Authenticated)
<b>Description:</b>	The user successfully reserves a table at the restaurant
<b>Primary Actor:</b>	User
<b>Preconditions:</b>	User must be logged in and authenticated.
<b>Postconditions:</b>	Reservation date, time and user details are attached to the booking.
<b>Main Success Scenario:</b>	<ol style="list-style-type: none"><li>1) The user clicks the “Book a table” button on the home page</li><li>2) The system redirects them to a user booking form.</li><li>3) User chooses the date they want and the time slots available.</li><li>4) The booking form populates the confirmation page with the user details from the database.</li><li>5) The customer presses submit, and the system shows them a success message.</li></ol>
<b>Extensions:</b>	User already has a booking that exists in the system:  <ol style="list-style-type: none"><li>1) User presses submit, and an error message is displayed saying they already have a booking.</li></ol>
<b>Frequency of Use:</b>	Fairly frequently
<b>Status:</b>	N/A
<b>Owner:</b>	N/A
<b>Priority:</b>	HIGH

<b>ID:</b>	5
<b>Title:</b>	Delete personal booking
<b>Description:</b>	The user has an existing booking that can be deleted in the user dashboard.
<b>Primary Actor:</b>	User
<b>Preconditions:</b>	User must be logged in and have an existing booking in the database.
<b>Postconditions:</b>	The booking attached to the user is deleted from the database.
<b>Main Success Scenario:</b>	<ol style="list-style-type: none"><li>1) User has previously made a booking with the user booking form.</li><li>2) User navigates to their user dashboard.</li><li>3) System populates the user dashboard with their existing booking slot in the database.</li><li>4) The user clicks “delete booking” and the booking slot is deleted from the database.</li></ol>
<b>Extensions:</b>	N/A
<b>Frequency of Use:</b>	Fairly Frequently
<b>Status:</b>	N/A
<b>Owner:</b>	N/A
<b>Priority:</b>	HIGH

<b>ID:</b>	6
<b>Title:</b>	User update details
<b>Description:</b>	User updates the details in their user profile
<b>Primary Actor:</b>	User
<b>Preconditions:</b>	User must be logged into the system.
<b>Postconditions:</b>	The personal information that was changed in the dashboard has been updated in the database.
<b>Main Success Scenario:</b>	<ol style="list-style-type: none"><li>1) User navigates to the user dashboard using the navigation bar.</li><li>2) User clicks “edit” next to the personal information detail they wish to update.</li><li>3) The system provides the user with an input field to change their information.</li><li>4) The user clicks update.</li><li>5) The system refreshes and the users details have been updated.</li></ol>
<b>Extensions:</b>	N/A
<b>Frequency of Use:</b>	Fairly frequently
<b>Status:</b>	N/A
<b>Owner:</b>	N/A
<b>Priority:</b>	Medium

<b>ID:</b>	7
<b>Title:</b>	Admin - Delete Customer Booking
<b>Description:</b>	The admin deletes customers booking from the admin dashboard.
<b>Primary Actor:</b>	Admin
<b>Preconditions:</b>	User must be logged in and authenticated as an admin role to access the admin dashboard.
<b>Postconditions:</b>	The booking slot is deleted from the database.
<b>Main Success Scenario:</b>	<ol style="list-style-type: none"><li>1) Admin navigates to the admin dashboard.</li><li>2) The system populates the booking page with existing bookings within the system.</li><li>3) Admin locates the booking slot they wish to delete from the system.</li><li>4) Admin clicks “Delete Booking”.</li><li>5) The system presents them with a modal message to verify they want to do it.</li><li>6) The admin clicks “delete” and the booking is deleted from the system.</li></ol>
<b>Extensions:</b>	N/A
<b>Frequency of Use:</b>	Fairly Frequently
<b>Status:</b>	N/A
<b>Owner:</b>	N/A
<b>Priority:</b>	High

<b>ID:</b>	8
<b>Title:</b>	Admin – Update Customer Details
<b>Description:</b>	Admin updates customer details within the admin dashboard.
<b>Primary Actor:</b>	Admin
<b>Preconditions:</b>	User must be logged in and authenticated as an admin role to access the admin dashboard.
<b>Postconditions:</b>	The customers loyalty points/and or comment are updated in the database.
<b>Main Success Scenario:</b>	<ol style="list-style-type: none"><li>1) Admin navigates to the customer page in the admin dashboard.</li><li>2) The database populates the customer page with details of existing customers.</li><li>3) The admin chooses whether they want to update their loyalty points or comment.</li><li>4) The system shows an input field which allows the admin to input new information.</li><li>5) The admin clicks update and the new information is updated in the database.</li></ol>
<b>Extensions:</b>	N/A
<b>Frequency of Use:</b>	Fairly frequently
<b>Status:</b>	N/A
<b>Owner:</b>	[Who owns this use case, in your project team?]
<b>Priority:</b>	N/A



<b>ID:</b>	9
<b>Title:</b>	Sign out
<b>Description:</b>	The user attempts to log out of the application
<b>Primary Actor:</b>	User, Admin
<b>Preconditions:</b>	User is logged in and authenticated.
<b>Postconditions:</b>	The JSON web token is destroyed and the user is no longer authenticated.
<b>Main Success Scenario:</b>	<div>1) The user clicks the “Sign Out” button in the navigation bar.</div> <div>2) The system navigates the user to the home page.</div>
<b>Extensions:</b>	N/A
<b>Frequency of Use:</b>	Fairly frequently.
<b>Status:</b>	N/A
<b>Owner:</b>	N/A
<b>Priority:</b>	High

<b>ID:</b>	<b>10</b>
<b>Title:</b>	Admin – send marketing email
<b>Description:</b>	The admin sends a promotional email directly from the marketing page.
<b>Primary Actor:</b>	Admin
<b>Preconditions:</b>	User must be authenticated as an admin
<b>Postconditions:</b>	Promotional email is sent to the customer(s)
<b>Main Success Scenario:</b>	<ol style="list-style-type: none"><li>1) Admin navigates to the marketing page on the admin dashboard.</li><li>2) System populates the marketing page with existing customers emails in the database.</li><li>3) Admin ticks the checkbox next to the customer(s) they want to send an email to.</li><li>4) Text input field at the top of the page is populated with the emails of the checkboxes that have been ticked.</li><li>5) Admin types into the text field below with the promotional message they want to send.</li><li>6) Admin clicks “send email” and the message is sent to the customers.</li></ol>
<b>Extensions:</b>	Email protocol is down: <ol style="list-style-type: none"><li>1) Admin clicks “send email”.</li><li>2) The admin is alerted that the email cannot be sent.</li></ol>
<b>Frequency of Use:</b>	Fairly frequently.
<b>Status:</b>	N/A
<b>Owner:</b>	N/A
<b>Priority:</b>	High

<b>ID:</b>	11
<b>Title:</b>	Admin – Update Booking Interval
<b>Description:</b>	The admin updates the time interval in the settings page.
<b>Primary Actor:</b>	Admin
<b>Preconditions:</b>	User must be authenticated as an admin
<b>Postconditions:</b>	The Time slots on the booking forms update.
<b>Main Success Scenario:</b>	<ol style="list-style-type: none"><li>1) Admin navigates to the settings page.</li><li>2) Settings page is populated with the current time interval from the database.</li><li>3) Admin selects new time interval from the drop down.</li><li>4) The page refreshes and the new time interval has updated in the database.</li></ol>
<b>Extensions:</b>	N/A
<b>Frequency of Use:</b>	Fairly frequently.
<b>Status:</b>	N/A
<b>Owner:</b>	N/A
<b>Priority:</b>	Medium

<b>ID:</b>	12
<b>Title:</b>	Admin – Update Max Occupancy
<b>Description:</b>	The admin updates the max occupancy on the settings page.
<b>Primary Actor:</b>	Admin
<b>Preconditions:</b>	User must be authenticated as an admin
<b>Postconditions:</b>	The Time slots on the booking forms update.
<b>Main Success Scenario:</b>	<ol style="list-style-type: none"><li>1) Admin navigates to the settings page.</li><li>2) Settings page is populated with the current max occupancy from the database.</li><li>3) System presents the admin with an input field to type in new max occupancy.</li><li>4) The admin clicks update.</li><li>5) The page refreshes and the new time interval has updated in the database.</li></ol>
<b>Extensions:</b>	N/A
<b>Frequency of Use:</b>	Fairly frequently.
<b>Status:</b>	N/A
<b>Owner:</b>	N/A
<b>Priority:</b>	Medium

<b>ID:</b>	13
<b>Title:</b>	Admin – Update Max Occupancy
<b>Description:</b>	The admin updates the opening hours on the settings page.
<b>Primary Actor:</b>	Admin
<b>Preconditions:</b>	User must be authenticated as an admin
<b>Postconditions:</b>	The Time slots on the booking forms update.
<b>Main Success Scenario:</b>	<ol style="list-style-type: none"><li>1) Admin navigates to the settings page.</li><li>2) Settings page is populated with the current opening hours from the database.</li><li>3) System presents the admin with an input field to type in new opening hours</li><li>4) The admin clicks update.</li><li>5) The page refreshes and the new time interval has updated in the database.</li></ol>
<b>Extensions:</b>	N/A
<b>Frequency of Use:</b>	Fairly frequently.
<b>Status:</b>	N/A
<b>Owner:</b>	N/A
<b>Priority:</b>	Medium

<b>ID:</b>	14
<b>Title:</b>	Forgotten password
<b>Description:</b>	User has forgotten password to enter the web application
<b>Primary Actor:</b>	User
<b>Preconditions:</b>	User must be logged out
<b>Postconditions:</b>	The users password will be updated in the database.
<b>Main Success Scenario:</b>	<ol style="list-style-type: none"><li>1) User is logged out and clicks “Forgot password” on the login page.</li><li>2) System presents the user with an input field to type in their password.</li><li>3) Server sends a forgot password email link to the email that was entered.</li><li>4) User clicks link in the email which redirects them to a form to enter a new password.</li><li>5) User enters correct credentials.</li><li>6) System presents them with a success message.</li></ol>
<b>Extensions:</b>	<p>Email system is down:</p> <ol style="list-style-type: none"><li>1) User enters email in the input field.</li><li>2) Error message presents them with a server error message.</li></ol> <p>User types in wrong password credentials:</p> <ol style="list-style-type: none"><li>1) User doesn’t enter valid password in the input fields.</li><li>2) System tells them to type in correct details.</li></ol>
<b>Frequency of Use:</b>	Not often.
<b>Status:</b>	N/A
<b>Owner:</b>	N/A
<b>Priority:</b>	Medium