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Lake Darling Resort Use Case Description

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| Use Case Number: 1 | | |
| Name: Customer Profile CRUD – note this will be used for villas/owners as well | | |
| Brief Description : This use case allows admin to enter villa/owners/customers into system Customer can enter their own information | | |
| Actors | | |
| Admin – logged in  Customer – anonymous | | |
| Preconditions | | |
| The Admin must be logged in | | |
| Flow of Events | | |
| 1. Basic Flow | | |
| 1.1.0 Create Customer Profile | | |
|  | | |
| Step | User Actions | System Actions |
| 1. | The User Clicks Sign Up | The system displays a form with name, address, email, ect. |
| 2. | The User fills out the form and requests the system to save details | The system verifies that there are no other customer profiles with the same email address and generates a new customer number, then saves the Customer and returns the success message on success or a fail message in case of failure. |
| Postconditions | | |
| The Customer Profile is persisted in the system | | |
| Business Rules | | |
| No duplicate Customer profiles. A unique profile is identified by customer number or email address. | | |
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| 1.1.1 Read/View Customer Profile | | |
| Step | User Actions | System Actions |
| 1. | The admin selects to view a list of customers | The system returns a list of all customers. |
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| 1.1.2 Update Customer Profile – Note: Not Implemented Yet | | |
| Step | User Action | System Action |
| 1. | The admin selects to view a list of Customers | The system returns a list of all customers |
| 2. | The admin selects a customer from the list and selects update a profile | The system displays a form for updating a customer’s information with prefilled fields with the particular customers information. |
| 3. | The Admin edits fields and selects save profile | The system updates the record and returns the success message or a fail message on exception. |
| Use Case Number: 2 | | |
| Name: Customer Views Villa Availability | | |
| Brief Description : Customer uses Website to Rent Room | | |
| Actors | | |
| Customer | | |
| Preconditions | | |
| None | | |
| Flow of Events | | |
| 1. Basic Flow | | |
| 1.1.0 Customer rents room | | |
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| Step | User Actions | System Actions |
| 1. | Customer selects view available villas | The system displays a form with a date picker for start date and end date |
| 2. | Customer selects dates to rent and clicks check availability | The system displays a list of villas available for tent on those dates |
| Postconditions | | |
| The Rental information, customer information, payment are persisted in the database | | |
| Business Rules | | |
| No villa can be rented twice in the same day. | | |
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| Use Case Number: 2 | | |
| Name: Customer Rents Room | | |
| Brief Description : Customer Uses Website To Rent A Room | | |
| Actors | | |
| Admin | | |
| Preconditions | | |
| Customer Is Logged In | | |
| Flow of Events | | |
| 1. Basic Flow | | |
| 1.1.0 Customer Rents Room | | |
| Step | User Actions | System Actions |
| 1. | Customer Clicks Book Now | System returns a form with date pickers and a selector for number of beds |
| 2. | Customer selects dates and number of beds, then clicks check availability and checkout | The system displays a form with the dates, total price, and field for credit card info. |
| 3. | Customer clicks checkout | System displays success page |
| Post Condition: Reservation information is persisted in database | | |
| Business Rules: No Villa can be rented twice on the same day by different customers | | |