**Vision Document for “Lake Darling Resort”**

**Team members:**

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**1. Introduction – problem statement**

The Lake Darling Resort in Alexandria Minnesota is currently using excel spreadsheets for all record keeping, and their website has people call to make reservations. They are looking to upgrade to a database with reporting capabilities. Currently they are producing reports by hand using the excel data and word documents. They also want to upgrade the website to be able to have reservations be scheduled online and have the availability of each villa online as well. Each villa sleeps between 10 and 15 people and is available to rent for a minimum of 1 night. Each villa has an independent owner that receives a report on how many nights their villa was rented each month, including the total revenue taken in and their cut of that revenue. The resort is managed by a property management company that handles all of the reservations as well as manages the staff.

**2. Positioning**

**2.1 Problem Statement**

|  |  |
| --- | --- |
| The problem of | *managing the Lake Darling Resort and allowing customers to rent a villa* |
| Affects | Villa Owners, Resort Managers, Customers |
| the impact of which is | *scheduling is complex, must be manually maintained, and*  *changed frequently* |
| a successful solution would be | *one tool which builds a Rental schedule that integrates the*  *business rules for each villa’s availability. This tool will provide a Database and a*  *user interface that is easy to use for resort managers and customers.* |

**2.2 Product Position Statement – possible to remove**

|  |  |
| --- | --- |
| For | Lake Darling Resort Management |
| Who | Needs an application to allow customers to rent rooms online |
| The (product name) | Web application |
| That | Is an upgrade from using excel spreadsheets with file based storage |
| Unlike | The Current Squarespace website |
| Our product | Is a custom web application with a database |

**3. Stakeholder Descriptions**

**3.1 Stakeholder Summary**

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| **Admin** | **Adds new villa’s, adds new employees, view and print reports** | **Admins are responsible for setting up system, input initial data and managing system** |
| **Employees** | **Employees can view which villas are occupied/unoccupied** | **Employees are responsible for cleaning villa’s in preparation for customers** |
| **Owners** | **Villa owners can see when their villa is rented out** | **Villa owners can pick when they would like to stay in their villa** |
| **Customers** | **Customers can rent a villa for specific dates** | **Customers can view available villas, and view dates that are available for rental as well as the price per night. Customers can rent villas** |
|  |  |  |
| **Dev** | **Application develop will develop the Web app and the database** | **Application developer will produce a new web application with persistence in a database with reporting capabilities. Also will develop the reports so they can be generated quickly.** |
| **Tester** | **Tester will test the app and database for bugs/flaws** | **Tester will make sure the app is ready to be launched before launch.** |

**3.2 User Environment**

The user is going to be using a computer or mobile device to view the website and rent villas.

**4. Product Overview**

**4.1 Product Perspective – possible to remove**

The product is totally independent.

**4.2 Assumptions and Dependencies**

**They have computers, people to operate them. They will have a hosted website and database.**

**4.3 Needs and Features**

|  |  |  |  |
| --- | --- | --- | --- |
| No | Problem | Need | Features |
| 1 | The resort has many customers | Customer information must be stored | Customer information will be stored in a database |
| 2 | The resort has villa for rent | A website for taking reservations | Web application listing available villas and dates/prices for each night. |
| 3 | The resort has independent owners | The owners need monthly reports of how many nights their villa was rented out as well as how much revenue was generated and their cut of that revenue | The database will have report generating capabilities to generate monthly reports. |
| 4 | Staff need a view of which villas are occupied | The staff are responsible for preparing villas for the customers | A schedule of which villas need to be cleaned on which day. |
| 5. | The villa rental rates change depending on the day and time of year | The rates need to be stored in the database and be updateable | There will be a calendar on the website for each villa with rates for each night. |
| 6. | Customers may pay online in advance of stay | Following business rules the bill needs to be generate and payment needs be accepted online | There will be a checkout on the website for scheduling and paying for a stay. |

**5. Other Product Requirements – hosted on the web, possible cloud database**