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11/27/2022
Project Brochure

Hotel Tango App

Demo Date: 11/27/2022

By: Sam Stepter

Github Link: [sstepter/HotelTango \(github.com\)](https://github.com/sstepter/HotelTango)

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Overview

Today I want to present the Hotel Tango Management application. This application is designed to remove the burden of manual record keeping of hotel reservations. Below, we will highlight a few features of the application.

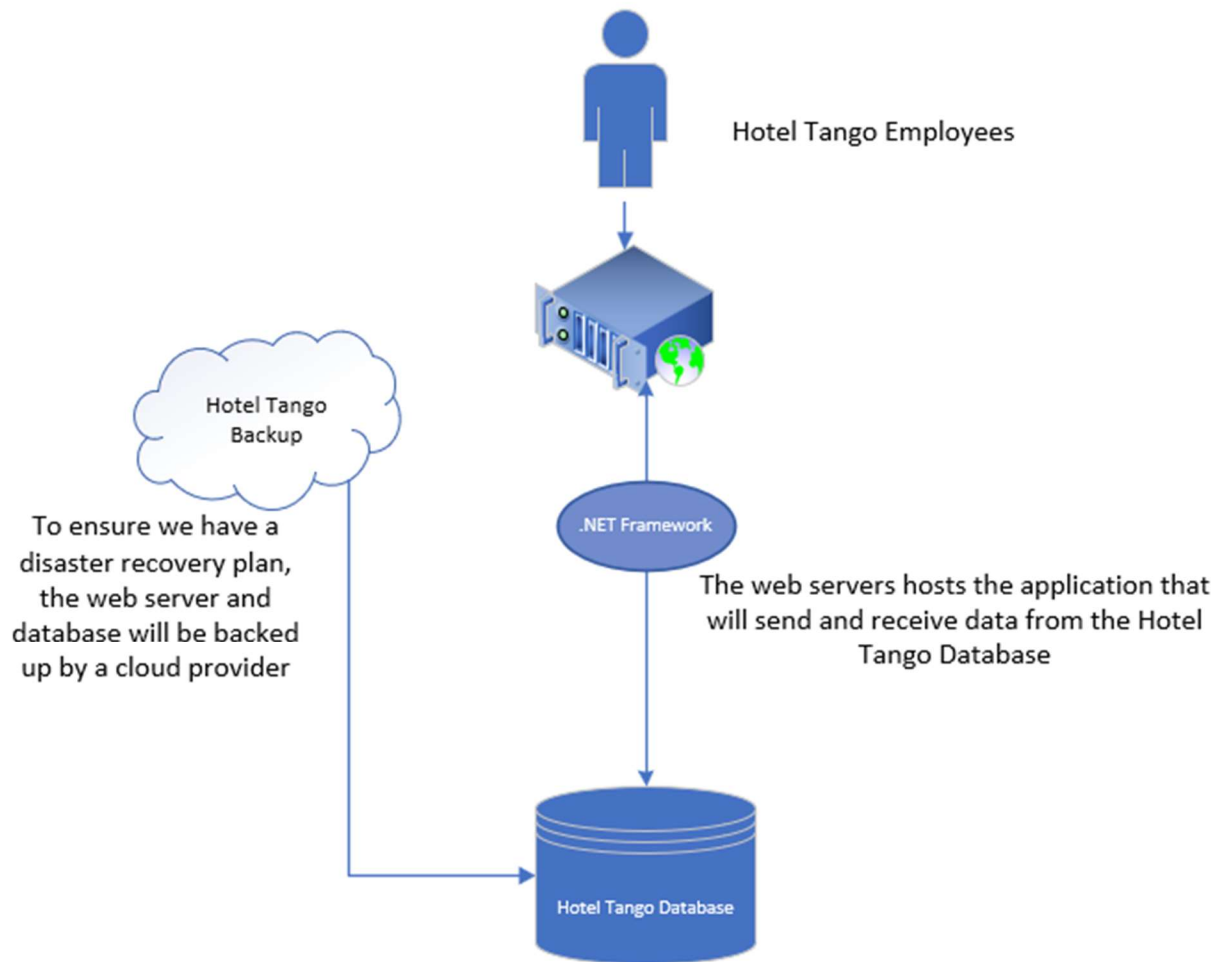
Features

- The Hotel Tango app can add, modify, remove, sort, filter and view all registrations.
- The system is auditable and has the ability to track all system changes.
- The Hotel Tango app allows Hotel Tango employees to add, modify, remove, sort, filter and view reservation WI-FI codes given to customers.
- The Hotel Tango app can add, modify, remove, sort, filter and view all customer data.
- The system has Point-In-Time disaster recovery and can be restored to a specific point-in-time.
- The database can be viewed and queried for raw data.
- The Hotel Tango app allows Hotel Tango employees to add, modify, remove, sort, filter and view hotel rooms and room types.
- The system will automatically email upon new reservation creation.

System Requirements

- 16GB Ram
- 250GB Hard Drive
- Windows 10 or higher
- C# and .NET Framework
- .NET 4.7.1
- MS SQL Server Standard

Block Diagrams



Screenshots

[HotelTango](#) [Home](#) [Privacy](#) [Customers](#) [Rooms](#) [RoomTypes](#) [Reservations](#)

[Register](#) [Login](#)

Welcome To Hotel Tango!



Welcome To Hotel Tango



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HotelTango Home Privacy Customers Rooms RoomTypes Reservations

Hello sstepter@gmail.com! Logout

All Customers

[Create New Customer](#)

Find by Name: [Search](#) [Back to Full List](#)

Id	FirstName	LastName	Address	City	State	PostalCode	EmailAddress	PhoneNumber	
1	Sam	Stepter	1004 Fox Hill Dr	Indianapolis	In	46228	sstepter@gmail.com	6307474075	Edit Details Delete
2	Luke	Cage	123 Harlem Ave	Brooklyn	NY	46202	lcage@gmail.com	313-311-1111	Edit Details Delete
428	Thierry	D'Hers	1970 Napa Ct.	Bothell	WA	98011	thierry0@adventure-works.com	168-555-0183	Edit Details Delete
429	Vamsi	Kuppa	9833 Mt. Dias Blv.	Bothell	WA	98011	vamsi0@adventure-works.com	937-555-0137	Edit Details Delete
430	Syed	Abbas	7484 Roundtree Drive	Bothell	WA	98011	syed0@adventure-works.com	926-555-0182	Edit Details Delete
431	Mikael	Sandberg	9539 Glenside Dr	Bothell	WA	98011	mikael0@adventure-works.com	309-555-0170	Edit Details Delete

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All Rooms

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Id	RoomNumber	RoomTypeName	BedType	NumberOfBeds	RoomRate	
1	101	Single Bedroom Suite	Double	1	79	Edit Details Delete
2	102	Single Bedroom Suite	Double	1	79	Edit Details Delete
3	103	Double Bedroom Suite	Double	2	99	Edit Details Delete
4	104	Single Queen Bed Suite	Queen	1	139	Edit Details Delete
5	105	Single Queen Bed Suite	Queen	1	139	Edit Details Delete
6	106	Double Queen Bed Suite	Queen	2	129	Edit Details Delete

All RoomTypes

[Create New RoomType](#)

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Id	RoomTypeName	BedType	NumberOfBeds	RoomRate	
1	Single Bedroom Suite	Double	1	79	Edit Details Delete
2	Double Bedroom Suite	Double	2	99	Edit Details Delete
3	Single Queen Bed Suite	Queen	1	139	Edit Details Delete
4	Double Queen Bed Suite	Queen	2	129	Edit Details Delete
5	Single King Bed Suite	King	1	169	Edit Details Delete

Customer Reservations

[Create New Reservation](#)

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Id	Id	FirstName	LastName	RoomNumber	WIFI_Passcode	StartDate	EndDate	
18	432	Kim	Ralls	101	foomatic	11/22/2022 11:50:27 AM	11/22/2022 11:50:27 AM	Edit Details Delete
19	432	Kim	Ralls	101	foomatic	11/22/2022 12:01:47 PM	11/22/2022 12:01:47 PM	Edit Details Delete
20	436	Peng	Wu	101	foomatic	11/22/2022 12:02:31 PM	11/22/2022 12:02:31 PM	Edit Details Delete
21	432	Kim	Ralls	103	fd9c528e3	11/17/2022 12:09:00 PM	12/17/2022 12:09:00 PM	Edit Details Delete
22	2	Luke	Cage	103	49d354973	11/4/2022 12:09:00 PM	11/17/2022 12:09:00 PM	Edit Details Delete
23	443	Danielle	Tiedt	103	d00db5d7b	11/9/2022 12:11:00 PM	11/18/2022 12:11:00 PM	Edit Details Delete
24	435	Bob	Hohman	104	c571eed3f	11/10/2022 12:21:00	12/3/2022 12:21:00 PM	Edit Details