



## **Vatican Solutions:**

### *General Overview*

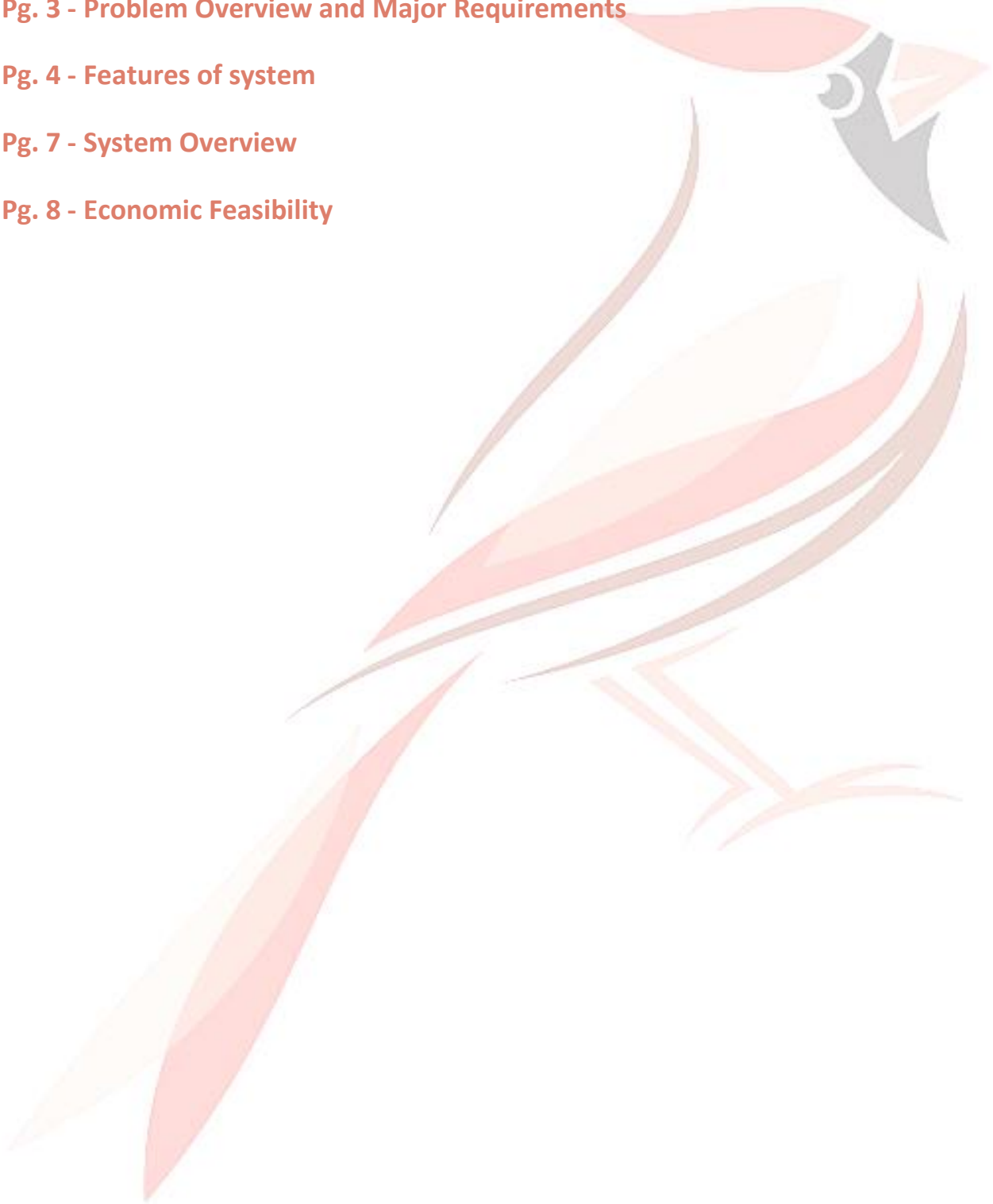
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## Problem Overview

- Currently, Karoline's business process is relatively labor intensive, thus it takes away time from her baking.
- Some of the activities taking away this time are: customer communication, order taking, and administrative tasks.
- We want to help Karoline by providing a system solution that automates some of these tasks, so Karoline may primarily focus on her baking.

## Major Requirements

- The new system shall create customers.
- The new system shall create orders.
- The new system shall track supplies.
- The new system shall track expenses.
- The new system shall provide an easy, efficient way to browse products.

## Features

Below are a few features you can expect to see in the finished system:

- Customer creation form

### Create Account

Create a customer account here! It can save you time during the ordering process!

First Name

Last Name

Street Address

Unit Number

Apartment/Suite/Building/Floor

City

State

Zip Code

Phone Number

 -  - 

### ### ####

Email Address

Password

Validate Password

Submit

- Order form

### Order Form

Select dessert type

Select cake type

Select cake size

Select cake flavor

Select cake icing

Select cake quantity

Enter special lettering

Enter embellishments

Enter occasion

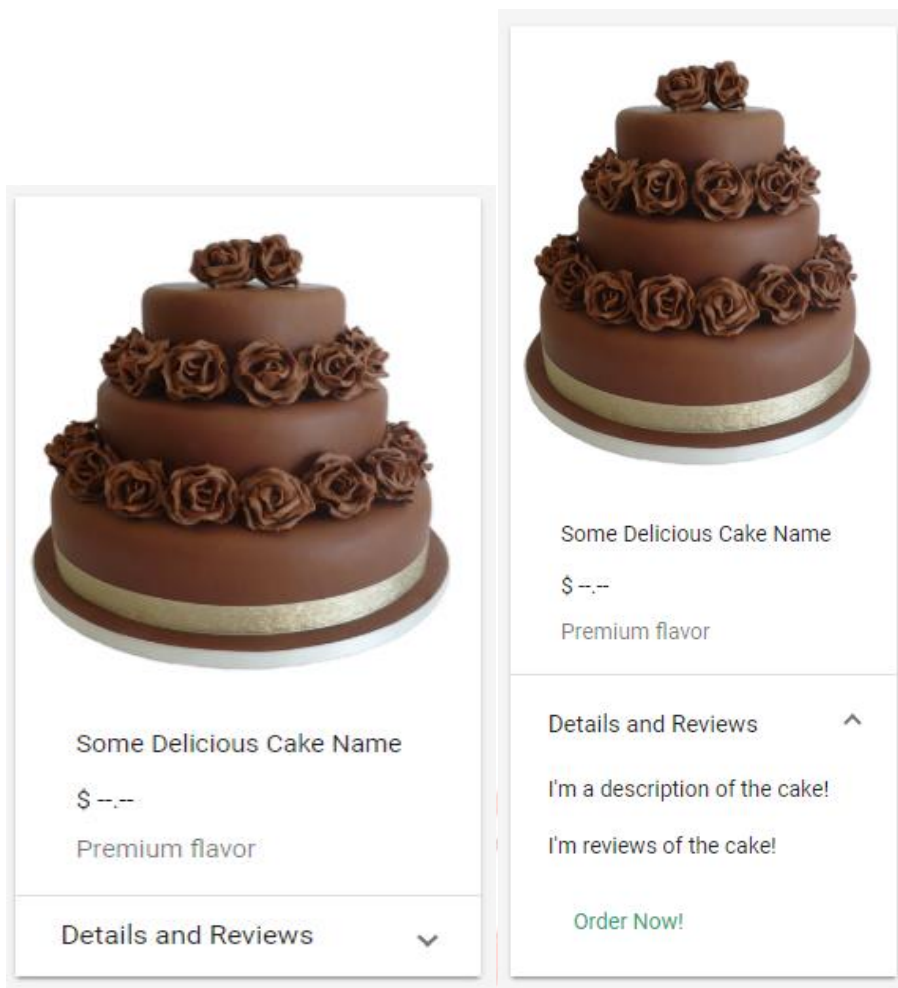
Upload a picture

Delivery or Pick up?

Payment Type

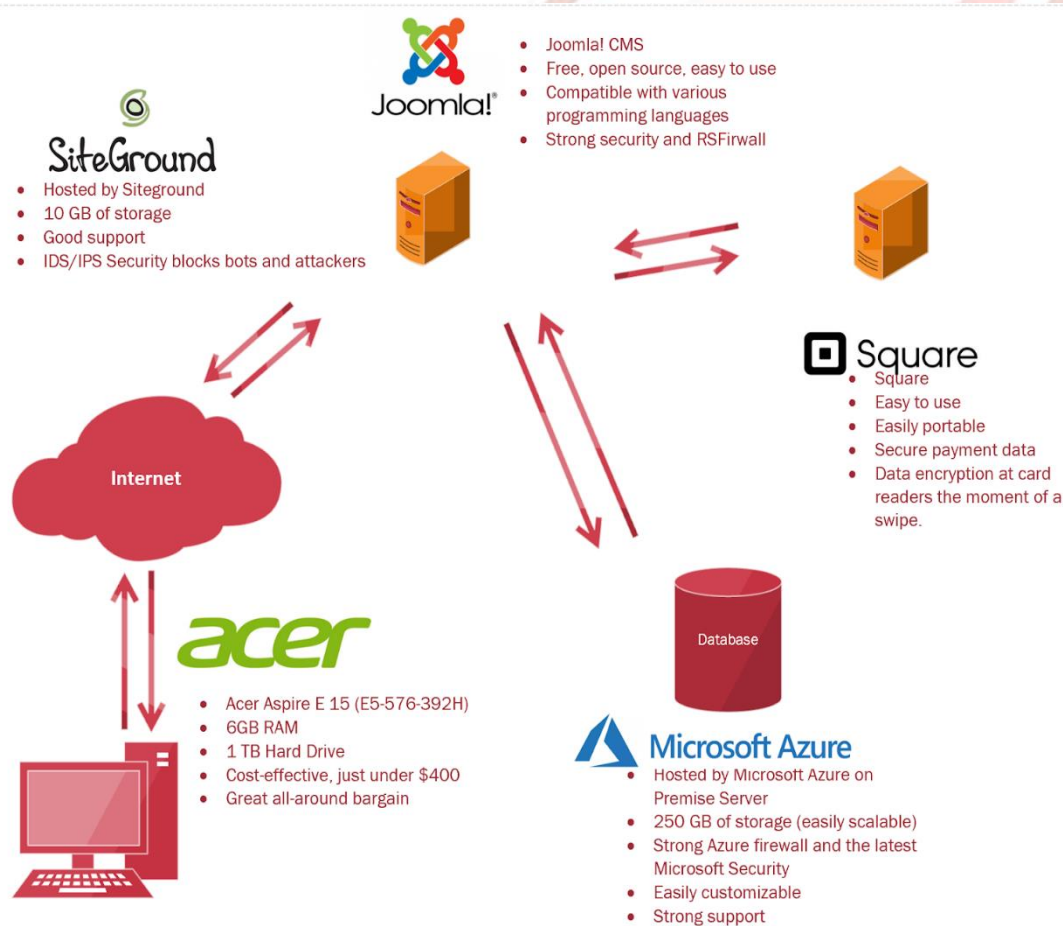


- Product view



## System Overview:

- Since the large part of your system architecture is hosted in the cloud, you don't have to worry about security, backup, and up keep of your servers.
- SiteGround, Azure, Joomla!, and Square have a large community of users and helpful customer support professionals.



## Economic Feasibility

### Costs:

<b>Annual</b>						
Payment System-Square		207	212	217	222	227
Domain Renewal-Google		12	12	12	12	12
Database Hosting-MS Azure		177	181	185	189	193
Printer Supplies		324	331	338	345	353
CMS Hosting-Siteground		144	147	150	153	156
Maintenance		150	153	156	159	162
Internet Bill-Spectrum		600	613	626	640	654
<b>Total Annual:</b>		<b>1614</b>	<b>1649</b>	<b>1684</b>	<b>1720</b>	<b>1757</b>
<b>Sunk</b>						
Domain Registration-Google	12					
CMS-Joomla!	0					
Laptop-Acer Aspire E 15	400					
Database License-MS SQL	931					
<b>Total Sunk:</b>	<b>1343</b>					

### Benefits:

COST-BENEFIT ANALYSIS	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	TOTAL
<b>BENEFITS:</b>							
Current Estimated Revenue	0	6,240	6,377	6,517	6,660	6,807	
Added Revenue From Time Reduction in Customer Communication	0	320	327	334	341	349	
Added Revenue From Reduction in Time Spent on Back Office	0	320	327	334	341	349	
Added Revenue From Reduction in Time Spent on Delivery	0	640	654	668	683	698	
<b>Total Benefits:</b>	<b>0</b>	<b>7,520</b>	<b>7,685</b>	<b>7,853</b>	<b>8,025</b>	<b>8,203</b>	<b>\$39,286</b>
<b>Total Costs:</b>	<b>1343</b>	<b>2957</b>	<b>1649</b>	<b>1684</b>	<b>1720</b>	<b>1757</b>	<b>\$9,767</b>
<b>Total Benefits - Total Costs:</b>	<b>-1,343</b>	<b>4,563</b>	<b>6,036</b>	<b>6,169</b>	<b>6,305</b>	<b>6,446</b>	<b>\$29,519</b>

## \$29,519 in Total Net Benefits!

- Break Even Point: ~1 yr
- Return on Investment: **302%** (standard 5 yr period)
- Total Net Benefits after 5 yr period... **\$29,519!**



