

Executive Summary

With the advent of technologies and digital mediums we have seen mushroom growth of lots of startup be it a purely technology driven model (Careem, Bykea) or food business that leverage on digital eco-system (Foodpanda). However, the major challenge that startup faces is while scaling up. This includes devising processes which do not affect their agility, achieving higher production while maintaining quality and setting up various functions or departments while keeping the cost low.

The project encompasses a challenge faced by a local online bakery - Cups & Cakes and proposed tools and strategies to overcome these challenges. The project also covers the Market analysis, post implementation analysis and upside they have received from the implementation.

Cups and cakes is a home based bakery where sweet treats are made in a hygienic environment. This venture was started one and a half year ago by a domestic kitchen. Cups and Cakes was born out of the love of creating food art — a passion to deliver the most delicious HAND-CRAFTED Cupcakes and sweet treats to carry forward our mission to make the world a happier place altogether. We offer widest range of flavors and we're always baking up something new! Make us a part of your next celebration.

The process to serve our customers was simple, the customer can place their order via digital mediums (Facebook, Instagram) or places an order via call. The freshly baked order is then delivered to their desired location and time through careem, uber or they can pick it by themselves.

Bakery and Confectionery business is growing in both urban and semi-urban areas. The purpose of this project was to study the business model of Cups and Cakes and also challenges every

Startup runs into while scaling, and How to Overcome Them. The project also proposed the strategies that make them successful and scale.

One of the key challenges was that lack of ERP or backend system for timely information and they were dependent on manual record keeping and processes. This manual way of doing this were hindering in their capability to grow.

Furthermore, while expanding the team the challenge they face how to communicate within different departments and processes that can improve their production cycle as well.

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1 Introduction

1.1 Background

With the advent and availability of latest technologies and platform, we have seen mushroom growth of businesses in startup arena. These startups are either technology driven or leverages technology infrastructure to deliver their services. We have also seen these startups capturing a lot of traction in early days but on the other hand we have also seen numerous numbers of promising startups that go off the rail. Most of the time, the reason is that the strategies and tools that helped them in taking off might not work while scaling.

These challenges mainly fall into following broader categories

- Developing processes that won't affect the agility of organization
- Managing higher capacities while sustaining the quality
- From multi-functional roles to formalized teams / departments

The project encompasses the study of a local startup – Cups & Cakes; an online bakery that provides customized & designer cakes, cupcakes & sweet treats. C&C was setup in last quarter of 2018 with the aim to challenge the status quo operating way of traditional bakeries and homebased designers.

Like most of the startups, cups and cakes faces challenges while scaling up and the project comprises of identifying those challenges, proposing and implementing solution and outcomes of those implementations.

1.2 Organization Introduction

Cups and cakes is a home based bakery where sweet treats are made in a domestic kitchen. This venture was started two years ago. Cups and Cakes was born out of the love of creating food art – a passion to deliver the most delicious HAND-CRAFTED Cupcakes and sweet treats to carry forward our mission to make the world a happier place altogether.

The process to serve the customers is very simple yet efficient, the customer can place their order via digital mediums (Facebook, Instagram) or places an order via call. The freshly baked order is then delivered to their desired location and time or the customer can pick it by themselves.

Since the launch of Cups & Cakes they mainly focus on challenging the traditional practices followed by the traditional and online bakeries and focused on customer service and efficiency of processes.

1.2.1 Product Portfolio

The product portfolio includes:

- Cupcakes
- Customized Cakes
- Brownies
- Mousse

Artisanal Creations



1.2.2 Key Differentiation

- Within 24 hours delivery
- 100% return
- Delivery Service in Islamabad & Rawalpindi
- No advance charges
- Premium Packaging

1.2.3 Initial Team Structure

The venture started by two siblings, Misbah & Ahmer. Misbah is mainly responsible for Product development, Baking & day to day backend operations. While, Ahmer primarily focuses on the business development, growth and optimization of organization

Misbah Masood - Chief Baker

The creative brain behind the operation, Misbah Masood is the founder and the Chief Baker of Cups & Cakes. Her mission in life is to bring happiness and joy expressed through a beautifully handcrafted bundle of pure bliss we call a cup cake. She strives to ensure that her cupcakes never get boring through constant innovation in design and taste.

Qazi Ahmer Masood - Chief Helping Officer

If Misbah is the Santa, Ahmer is the little elf who makes it all happen. Ahmer is a co-founder and ensures that Cups & Cakes delivers on its promise to its fans and stakeholders through effective planning, logistics, and operations. He also handles the financial aspect of things so that Cups & Cakes can continue bringing happiness and increasing its scale

1.2.4 Presence

C&C is currently only focusing on digital channels and medium for their sales hence they do not have any physical or retail outlet, however they are available across all major digital platforms

- Google Maps
- Facebook
- Instagram
- Whatsapp for Business

1.2.5 Distinct Achievements

- YEEP GRANT Won a Youth Entrepreneurship grant by a joint venture of CUST & VSO
- 20,000+ Cups Cakes & Treats in 24 months
- Quickest Delivery & Turnaround time among the homebased bakeries
- 118 Deliveries in a single day on a Mother's Day 2020
- Part of official Events Gerry's Visa, UAE National Day, England Cricket World Cup 2019
 Celebrations

2 Market Study & Analysis

A market study was conducted to understand the dynamics of industry in which the business was operating in.

2.1 PESTLE Analysis

Political Factor

- Taxes Due to multiple taxes applied by the new government the cost of production has
 increased significantly. Also, with strict regulations for tax filing and difficult processes it
 discourages small businesses especially who cannot afford the consultants for accounting &
 legal purpose
- Import Duties Due to increasing current account and trade deficit, the government-imposed
 duties and taxes on imported products. 30-40% of the raw product such as Nutella, Food Colors
 etc. are imported. Due to which these becomes very costly and it directly impacted on margin of
 the business
- Banning of Social Media Time to time threatening or banning of social media posses' serious
 threats to the mushrooms businesses and startups that mainly rely on these platforms as their
 marketplace.

Economics Factor

- Reduction in Disposable Income Due to high inflation, the portion of disposable income reduced. This also impacted on the spending on festivals & celebrations.
- Forex Exchange Rate As stated in the political factor, 30-40% of raw material are imported,
 hence the declining currency valuation results in higher prices of raw materials

Social Factor

- Friend and Family Celebrations Celebrations of different events and occasions are actively practiced locally. People in Pakistan celebrate from small events to large ones. They celebrate with friend's family even with their bosses and colleagues to share happiness.
- Festival Celebrations People celebrate eid festivals, New Year eve, Mother's Day etc with their circle. They use sweet treat to share happiness. Increasing trends towards innovative, customized and designer cakes

Technological Factor

- Increasing use of Social Media & High Penetration of Mobile -Due to high penetration of
 Mobile phones, 3G/4G the targeted market is easily available on social media network and the
 businesses can easily target them using technology and mobile. Targeting customers is easier
 and more convenient by using technology.
- Fondant & 3d Printing 3d / Edible printing brings new opportunities in the market. You can get
 edible form of print of any character and picture. Fondant brings colors. You can design and
 create any type of design with fondant.

Legal factor

Tedious legal framework: Tedious and cumbersome legal processes to initiate and setup
business. This includes approval from local food authority, employee hiring related matters. This
all raises the bar of doing the business, especially for small businesses.

2.2 Porter 5 Forces

Bargaining power of Supplier - The bargaining power of suppliers are somewhat weak because of multiple suppliers and substitute products, but for few products there are only few or no substitute available and in that scenario the bargaining power of suppliers are high. Product such as Nutella, there are no substitute of that quality are available hence they can charge whatever the premium they want.

Bargaining Power of Customers - There are many, but small customers are available. Although their bargaining power is comparatively medium because of multiple options are available. On the contrary the bargaining power of corporate customer are high because of their scale of order

Threat of New Entrant – Because of lower fixed or setup cost, the entry barriers are very low. However, to sustain and run a business, requires dedicated and operational finances hence most of bakeries shut down within the year of their launch. Also, because of low barrier, its highly saturated and finding a niche at times become very difficult.

Rivalry between Competitions- Since there are many but small to medium size bakeries there is high competition between them.

Threat of Substitute - Multiple product as a substitute are available (Sweets aka Mithai, Donuts, established bakeries products)

2.3 Competitive Analysis

32 Baker Streets

- Specialized in all types of cakes.
- Specialty in fondant cakes.
- Established Customer Base

401 Bakers

- Pioneer of Fondant & Customized cakes in Twin City
- Specialized in designer fondant cakes
- Very large established customer base
- Brand Value & Equity
- However due to large number of orders, their lead time is very high

Color Plate by Ayesha

- Wide variety of desserts. Specialized in all types of cakes, cupcakes, French macrons and cookies
- Creative in art of baking.
- Beautiful photography setup
- Creative products for every event

Commercial Bakeries

- Mostly commercial bakeries have advantage because of scale and high footfall
- Off-the-shelf, standard products and cakes
- Most of these are targeted towards low tiered customized cakes

2.4 SWOT

Strengths

- o Wide range of flavors and aesthetic design cupcakes and cakes
- o Agile production process, enable them to churn a cake in very minimal time
- Very low fixed & operating cost
- o Almost Zero wastage cost as compared to traditional bakeries
- o Low operating costs put in the work and meet the demands of customers.
- Low end customized cakes (1 Pound)

Weaknesses

- Limited human resource
- Limited budgets
- Lack of new product development because of ongoing orders and demand. Creativity and ideas for products, requires further trainings.
- Rising cost of electricity and power outages

Opportunities

- B2B Market, Corporate Events and Festivals
- Retail outlet & presence
- Website for off the shelves order
- Enhancing capacity to cater more orders

Threats

- Taxation, import duties and rising cost of doing business
- Large established bakeries with large budget

- Health Consciousness and keto based cakes and desserts
- Government regulations for home-based businesses

3 Limitations & Challenges

While scaling, Cups and Cakes were facing following challenges and these problems were hindering them not only to scale up but also impacting their service quality, effective management of orders and customer relationships

3.1 Lack of Visibility

Customer can place their orders via WhatsApp Business, Facebook, Instagram and over the call. Since all these interfaces are independent and not integrated, Cups & Cakes lacks the visibility of their orders.

The team divided the mediums among themselves and at times it gets very difficult to have a consolidated visibility of all orders.

This lack of visibility caused following problems which hindered them in their growth

- Capacity management: Since they have daily capacity of 8-12 orders, it gets very difficult to
 estimate them the orders already booked for a given day and at times they end up booking
 orders more than their capacity
- Productivity lost: Since entire record keeping was manual, the team has to go through all chats
 multiple times while preparing the orders. This does not only impact the productivity of the
 team but also become a tedious process to operate.
- Production Scheduling: Because of existing process at times they end up missing the orders since there was no proper tracking.

3.2 Team Expansion

Given the Covid-19 situation and limited budget availability, Cups and Cakes were facing in expanding the team. Since they do not have any proper office setup and also restriction associated to covid-19 halt their team expansion.

Also, there were multiple areas where they needed the resources the re

- Customer Representative: Mainly responsible for dealing with customers over different mediums and capturing their requirements and orders
- Baking Assistant: Responsible for helping in baking and backend processing of orders
- Delivery Rider: For delivery of orders in twin city. Currently they were managing by themselves or via Careem / Uber.

3.3 Power Outage & Rising Costs

70% of the business is dependent / run on electricity, which includes Oven, Beaters and chillers. With unplanned power outages posses' serious threat to business operations and at time these long hours outages caused the delay in delivery too.

Furthermore, with every passing months the cost per unit and total cost of electricity were on rise and directly impacting the profitability of business.

3.4 Retail Presence & Outlet

Since they do not have any retail presence or outlet, they were only relying on digital mediums. This leaves the opportunity of all customers who likes to buy instantly or walk-in customers. Also, customer usually prefers to taste a small dessert before ordering a cake.

Furthermore, physical presence gives confidence to the customers about authenticity of business.

3.5 Business Reporting & Customer Records

Since the entire backend process were manual, there were no digital record keeping. This end up them having no visibility of revenue, costs and margins.

Furthermore, they don't have visibility on customer profiles and past orders. Because of this, they have to ask basic information from the customer every time and can't run customer loyalty or reward programs.

4 Proposed Implementations

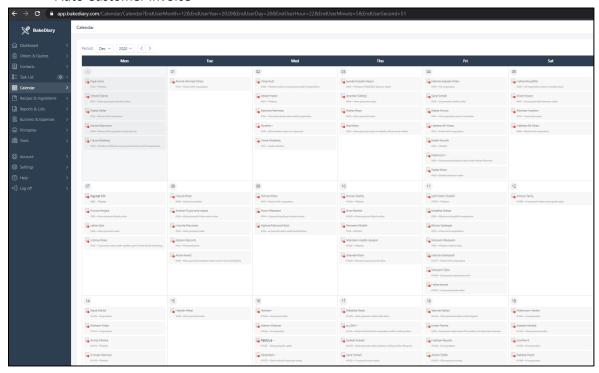
4.1 Implementation of ERP System

Since most of the problems were associated to manual record keeping and lack of visibility. It was recommended to setup a centralized ERP system, so that everyone can have complete visibility and tracking of all orders.

After thorough research, we came up with an online ERP tool especially designed for bakeries – Bake Diary.

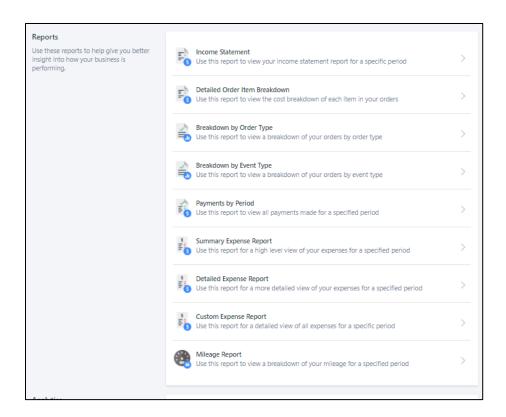
Bake diary is available on monthly subscription of around 10\$. The key features of bake diary are:

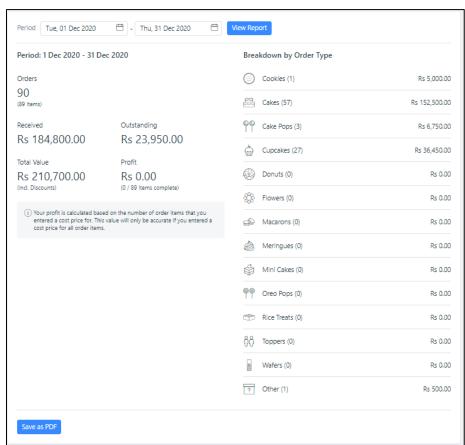
- Complete Order Management and Visibility on Calendar
- Detailed Reporting Dashboard
- Customer Profile and Record
- Backend Kitchen Job Sheet
- Auto Customer Invoice

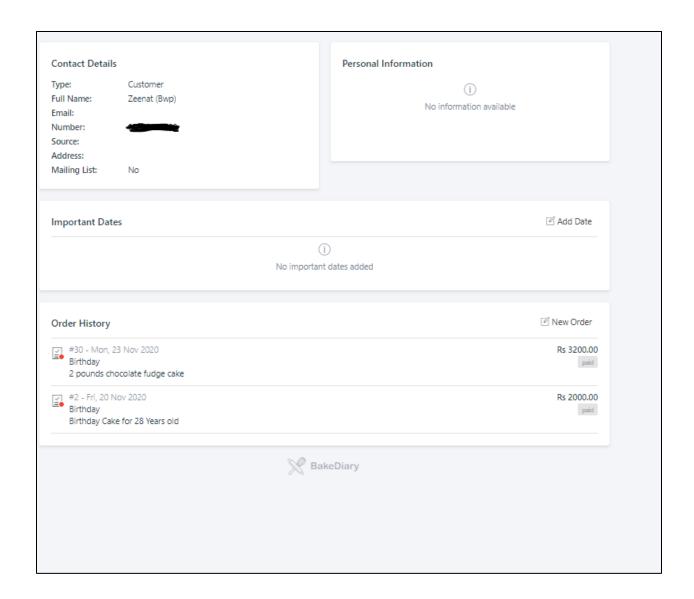


With the implementation of Bake diary, they achieve the target of complete visibility, reporting and a centralized system for all information.

This also helped them to onboard new team members since they have an integrated system through which everyone can communicate.







4.2 Alternate Electric Supply – Solar Power

To overcome the challenge of power outage and rising cost of electricity, it was proposed to go for a solar power. With solar power they can not only have an alternate source of supply but also can control the cost of electricity.

The cost of 10 KW solar power is around 1.1 Million PKR whereas solar power of 20 KW capacity with 15 KW solar panels is for \sim 1.5 Million PKR.

Furthermore, since it includes high setup cost around 1.5 Mn PKR, it was suggested to go for a 5 year financing which resulted in Zero upfront cost and monthly avg installment of PKR 31,000. This is same as

they are currently paying as electricity rent but after installation of solar power, it is estimated that they will have zero or negative electricity bill.

Hence resulting in not only alternate power supple but also curbing the rising cost.

Complete details of financial proposal and financing plan is attached in Annex - Solar Power.

4.3 Setting-up KIOSK at Key locations

It was suggested to have representation by targeting the locations where people pay a visit more often such as fuel stations, medical stores and large retailed outlets.

4.4 Hiring of Cross Functional Resource

It was suggested to hire a cross functional resource for customer interfacing, administrative tasks and order management. The position that was introduced were titles as "Assistant of Everything (AoET).

Also, to assist and increase the capacity it was proposed to hire an Assistant Baker.





Organization Chart



Annexes

5.1 Solar Panel





www.panteraenergy.pk



Payment Terms: 50% Advance, 50% after installation and Commissioning

This quote is valid till September 30,2020.

Validity:



5.2 Hiring

WELCOME

Hi Ayesha,

I am very excited about the prospect of joining Cups & Cakes ("The Company"). This is your offer letter. In the following pages you will find details regarding your salary, benefits as well as additional things to know before starting. If you have questions at all, please feel free to call me at 0302-8245439. I look forward to your response and (hopefully) working together.



Summary Offer

Position Assistant of Everything (AoET)

Monthly Salary PKR

Commission Eligible

Probation 01 Month

Other Perks Official Mobile Connection
Promo Codes & Discount(s) for your FnF

Days Off 21 Days off annually

Commission Structure

	COMMISSION STRUCTURE				
No	Monthly Sales Generated	Commission			
1	<250,000	Not Eligible			
2	250,001 to 400,000	3% of the sales above 250,000			
3	400,001 to 600,000	4% of the sales above 400,001			
4	600,001 to 1,000,000	5% of the sales above 600,000			
5	1,000,000+	4% of entire sales above 250,000			

*Commission is applicable after completion of probation period * Commission is subject to change on a prior notice of 1 month

Sample Calculated Commission						
•	On monthly sale of PKR 600,000:	PKR 12,500				
٠	On monthly sale of PKR 800,000:	PKR 22,500				
٠	On monthly sale of PKR 1,100,000:	PKR 34,000				

02. COMMISSION STRUCTURE

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