

Business Flow

Streamlining Operations and Growth Management



**DIRECTORATE OF
PROJECTS AND
RESEARCH**

**QIS COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous)**

**(Approved by AICTE and Permanent Affiliation to JNTUK)
(NAAC 'A+' Grade & Thrice Accredited by NBA, New Delhi)
Vegamukkapalem, Ongole-523272, Andhra Pradesh.**

QIS COLLEGE OF ENGINEERING & TECHNOLOGY

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VENGAMUKKAPALEM, ONGOLE-523272, A.P., INDIA



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the Community Resource Project entitled **“BUSINESS FLOW: STREAMLINING OPERATIONS AND GROWTH MANAGEMENT”** is a record of the bona fide work done by **RAMACHANDRUNI ANJANEYA SHANMUKH (20491A4413), SYED SOHAIL AHMED (20491A4434), CHUNDURI AKHILA (20491A4446), PONDURI SIVA LASYA (20491A4450)** submitted in partial fulfillment of the requirement for the award of degree of Bachelor of Technology in **COMPUTER SCIENCE AND ENGINEERING** with specialization of **“DATA SCIENCE”** for the academic year **2023-2024**. This work is carried out under my supervision and guidance.

Signature of the Project Guide

Dr.M.Senthil M. E., Ph.D.

Associate professor

Signature of Head of the Department

Dr.M.Senthil M. E., Ph.D.

Head of the Department

Signature of the Director of DPR



ABSTRACT

We have chosen to create a website where proprietors of small businesses may manage all their business-related tasks in a single window. Including creating invoices, noting product availability, and analyzing sales. With the assistance of our professors and our own knowledge, we will finish this job.



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1. Motivation towards Problem Statement

We spoke with the proprietor of the neighborhood bakery while on a field trip. He described how it is costing him money to manage his firm, which involves keeping track of stock and sales in books. We are creating this website since having a website would assist him run his business and generate revenue.

2. Problem statement – 150 words

- We had approached a person who has bakery business.
- The problem we had identified is, he uses to write all his expenditures, capital money, the cost for the raw material in a paper or book
- It is difficult for him to verify, update or delete the records.
- He asked us to help him with an website, so that he can access all of his business details in a single click.

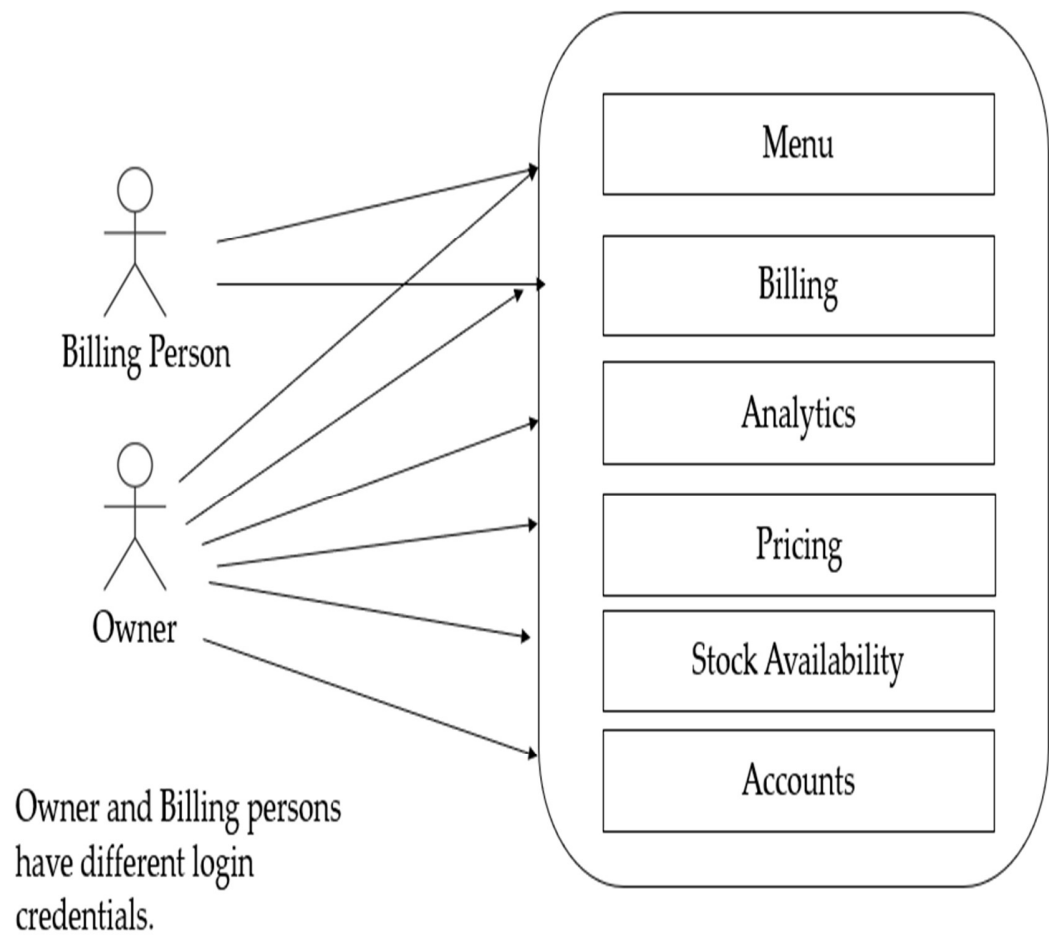
3. Domain

Business

4. Proposed Solution – 150 words

- Our website includes two logins: one for the billing counter person and one for the owner.
- The owner has ability to change stock details, stock pricing, and sales made over time.
- While the billing counter person can only create bills for the products they have purchased.
- At the billing counter, the owner's finalized prices will be reflected.
- The selling price of the product is altered whenever the owner alters the raw material rates since the cost of the raw materials fluctuates constantly.

5. Block Diagram/flow chart



6. Detailed explanation of the proposed work – 500 words

Languages Used:

- HTML
- CSS
- Java Script
- php
- SQL
- Google Charts
- XAMPP (Apache, MySQL)

1. Owner Login

- **Pricing** : The cost of the supplies and stock being sold in the bakery are shown in this window, and it is also possible to make changes if necessary.
- **Analytics** : The owner can view the sales charts in this window. He can check several chart kinds and get an overview of the sales.
- **Accounts** : The owner can view all outstanding invoices, client transactions, total revenue, and balance here.
- **Raw Materials** : The cost of the raw ingredients will be displayed and is modifiable. Note: When the cost of the relevant raw materials changes, the price of the products sold will also change.

2. Bill Login

- **Menu** : Prices for the things up for sale are shown.
- **Billing** : Creating an invoice for the products you've purchased

7. Components used and budget

S.No	Component/Software Used	Specification	Cost/Hosting Cost in case of web based application (Rs.)*
1.	XAMPP	V3.3.0	NIL
2.	VISUAL STUDIO CODE	1.83	NIL
Total			NIL

- No cost spent means you can put nil

8. Photograph of the prototype/webpage/Application

98483 05597
63008 09488

Sri Nandas
Taste The Tradition
Sweets, Bakery, Swagruha Foods, Savouries
We Deliver to USA, UK, Singapore Etc.,

Login Here

Username
Password

Login

Pricing Analytics Billing Accounts Raw Materials LogOut

Price Item code Value Update

Hot Display

Item Code	Item	Price	Production Cost	Stock Available
H01	Laavu Chekralu	300	220.95	5
H02	Sanna Chekralu	250	220.95	10
H03	Jonna Chekralu	250	328.47	28
H04	Rice Chekkalu	250	177.43	4
H05	Jonna Chkkalu	250	335.13	4
H06	Sajja Chekkalu	250	218.65	30
H07	Hot Gavvalu	250	260.44	30
H08	Potato Chips	250		30

Print

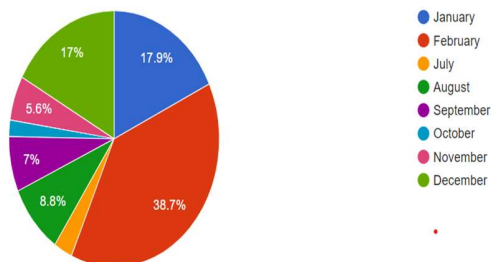
Charts

Print

Pie Chart

Display

Chart Title



Search by :

☐ All
 ☐ BillNo
 ☐ Date
 ☐ Store

Print

Total Bill : Rs.67125/-

Total Balance : Rs.12000/-

Bill No.	Date Purchased	Store Name	Items Purchased	Total Bill	Balance	Last Payment Date	Bill Status
1	2023-09-14	Nandas_2	Jonna Chkkalu X 5 = 1250 Kothimara Pickle X 10 = 2500	0	0	2023-09-15 19:10:53	Paid
2	2023-09-15	Nandas_2	Rice Chekkalu X 20 = 5000	2000	500	2023-09-16 10:36:52	Not Paid
3	2023-09-15	Nandas_1	Ghee Chalimidi X 5 = 1250 Sugar Kajji Kayalu X 8.5 = 2125 Jonna Chkkalu X 1 = 250	3625	0	2023-09-15 20:01:52	Paid
4	2023-09-16	Nandas_1	Laavu Chekralu X 2 = 60000 Rice Chekkalu X 6 = 1500	61500	11500	2023-10-04 19:19:59	Not Paid

Bill No

Amount

Paid

9. Conclusion and Future Scope of the Proposed Work

- This website can now only be used on a local computer with a local host, but we intend to host it in the future and include online buying for a specific store.
- We are prepared to change the website so that any proprietor of a small business can utilize it by connecting their database.

10. Team member's group photo with prototype



RAMACHANDRUNI ANJANEYA SHANMUKH
(20491A4413)



SYED SOHAIL AHMED
(20491A4434)



CHUNDURI AKHILA
(20491A4446)



PONDURI SIVA LASYA
(20491A4450)