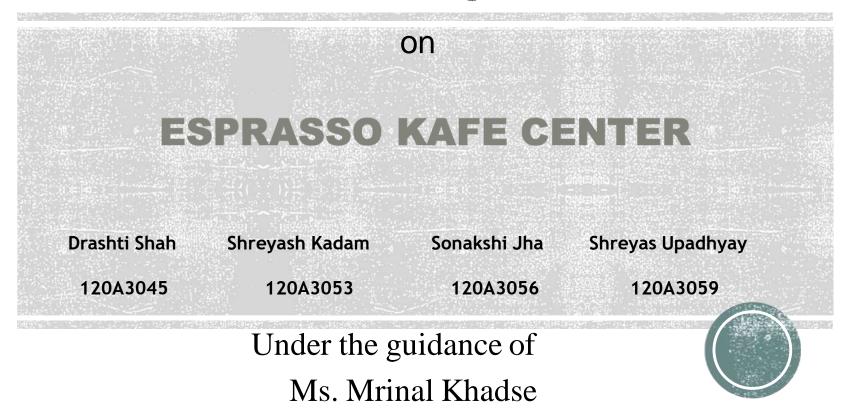


### Mini Project



SUBMITTED IN PARTIAL FULFILLMENT FOR THE DEGREE OF BACHELOR OF ENGINEERING

In

INFORMATION TECHNOLOGY

## Certificate



This is to certify that this is a bonafide record of Mini Project of the project titled "Title of the Project" carried out by the following students of second year in ---- Name of the Branch---.

Sr. No.	Name	Roll No.
1.	Drashti Shah	120A3045
2.	Shreyash Kadam	120A3053
3.	Sonakshi Jha	120A3056
4.	Shreyas Upadhyay	120A3059
The rer	oort is submitted in partia	l fulfillment of the degree course of Bachelor of Engineering i

The report is submitted in partial fulfillment of the degree course of Bachelor of Engineering in --- Name of the Branch---, of University of Mumbai during the academic year 2020-21

Internal Guide	Head of Department	Principal			
We have examined this report as per University requirements at SIES Graduate School of					
Technology, Nerul (E), Navi Mumbai on  Name of External Examiner:					
Signature with Date:					
Name of Internal Examiner:					
Signature with Date:					

### ACKNOWLEDGEMENT



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**Project Team** 

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- Introduction
- Literature survey
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- Problem definition
- Hardware and software requirements
- System Architecture

(ER diagram/Block diagram/DFD/Flowchart/Class diagram etc/sequence diagram..etc)

- Conclusion
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### Introduction



Over the years, technology has tremendously revolutionized the restaurant industry. Much of the innovation has been with point-of-sale (POS) operations. There is a famous saying that "People eat with their eyes". This is where we would like to introduce ourselves.

Welcome, Namaste, La bienvenida, and Huanying to the king of cafés,

#### **Esprasso Kafe Center!**

Wanting to make our café approachable to all we have created this café in such a way that the everyone who comes, leaves happy and satisfied be it old or young. Making our website interface user friendly was our foremost priority and wanting to make it pleasing to the eyes and easy to use we took some inputs from the best in the field. Giving customers a huge variety to select from, we have created a very diverse menu catering to everyone's taste still keeping the prices affordable.



### Literature Survey



Sr. No	Author	Title & Publication	Key findings/Gap
1	Prof. N. M.Yawale, Prof. N. V. Pardakhe, Prof. M. A. Deshmukh , Prof. N. A.Deshmu	A Review Paper on Online Restaurant Management System	A greater insight on how the system can be made better.
2	Vaishnav Kanade, Prof. Salma Pathan	Online Food Ordering System	The various ascepts required In making the system user-friendly.



### Existing Problem



The current system is **paper based**. Papers are used in restaurants for displaying the traditional menu cards, writing down the orders of customers, storing the records of customers. As traditional menu cards are paper based, any changes that need to be made in the menu will require reprinting of the entire menu card, leading to wastage. For small changes, reprinting the entire menu card is impossible. It is inefficient to access a particular record from the stack of papers. This system is time consuming.



### **Proposed System**



Keeping in mind the existing problems, we plan on bringing to the table, a simple, easy to understand and operate web application. We use a cloud based server for storing the database which makes it inexpensive and also secured. Right now, we are only in the initial stage of creating the application and thus this just consists of 1)a login/input page where the user will input their details,

- 2)a home page consisting of a MENU, CART, ABOUT US tabs,
- 3)a Page where the bill will be generated



### Problem Definition



- Keeping in mind every minute detail that usually gets unnoticed by a lot of café owners, we have made our application easy to use and platform independent.
- Users that usually face a lot of difficulties while ordering food, will now have nothing to worry as we have made this application simple and easy to operate.



# Hardware Requirements of the land was a Requirement of the land was a Requirement of the land was a Research of the land was a Re

- 1) **PC**
- 2) Laptop
- 3) Phones
- 4) Chargers



### Software Requirements



#### i) **Backend**

- 1) <u>PostgreSQL</u>: PostgreSQL is a powerful, open-source object-relational database system with over 30 years of active development. The minimum hardware required to install and run PostgreSQL are: 1 GHz processor. 2 GB of RAM. 512 MB of HDD.
  - 2) <u>PgAdmin 4</u>: PgAdmin 4 is a complete rewrite of pgAdmin, built using Python and Javascript/jQuery. pgAdmin is available for 64 bit Windows<sup>TM</sup> 7 SP1 (desktop) or 2008R2 (server) and above, up to v4.30. v5.0 and later are supported on Windows 8 (desktop) or 2012 (server) and above. 32 bit Windows support is available for versions up to v4.29.



# Software Requirements



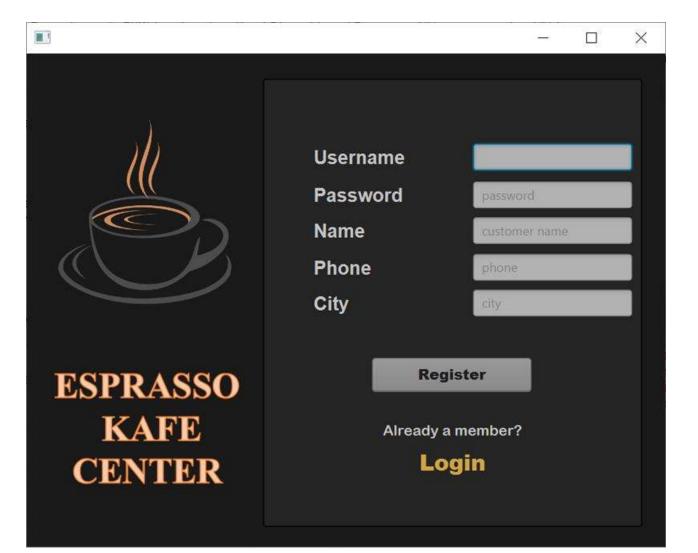
#### ii) Frontend:

• Eclispe: Eclipse is an integrated development environment (IDE) used in computer programming. It contains a base workspace and an extensible plugin system for customizing the environment..JavaFX allows you to create Java applications with a modern, hardware-accelerated user interface that is highly portable.



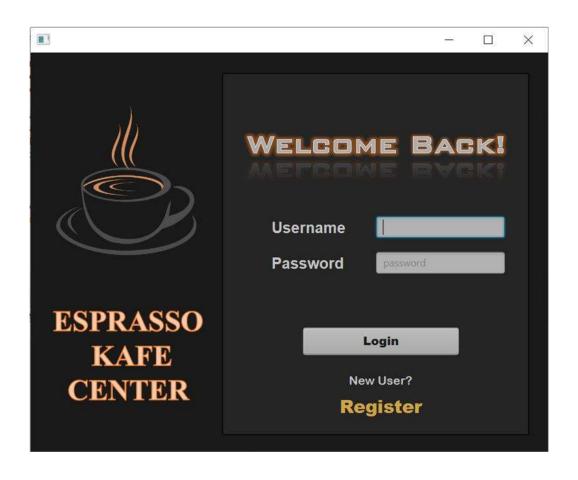
# Sign Up Page





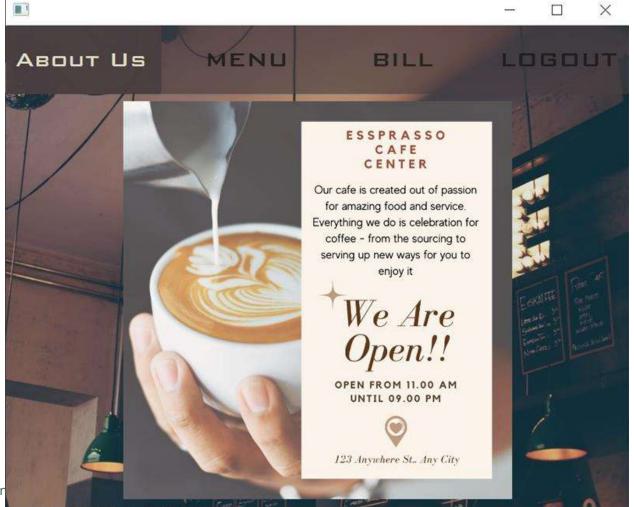
## Login Page





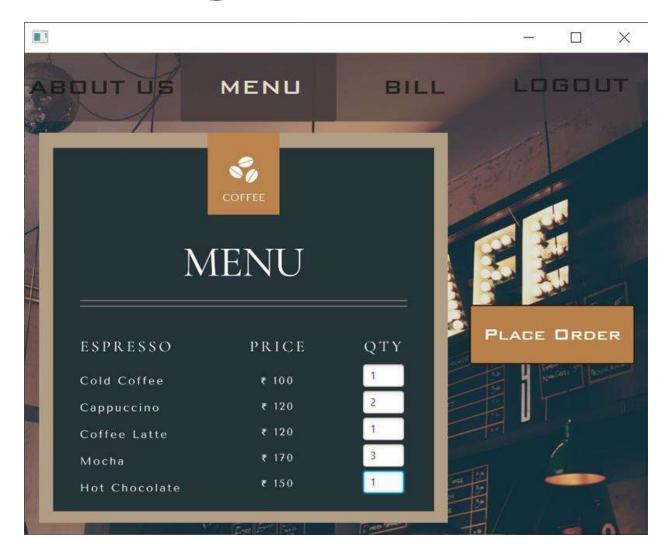
### About Us Page





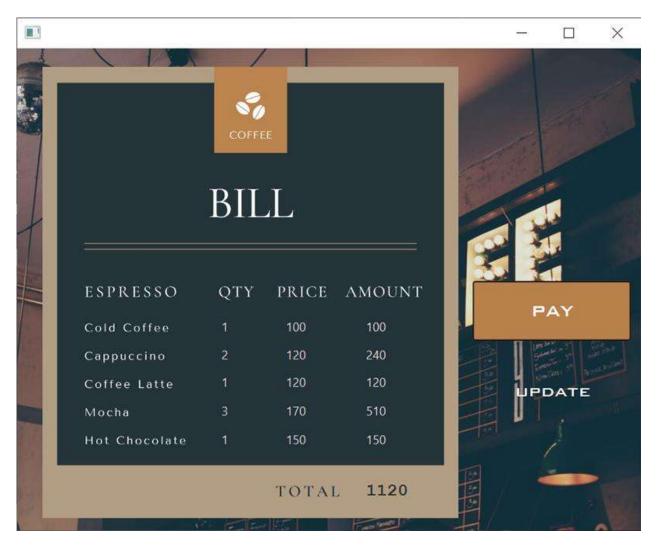
### Menu Page





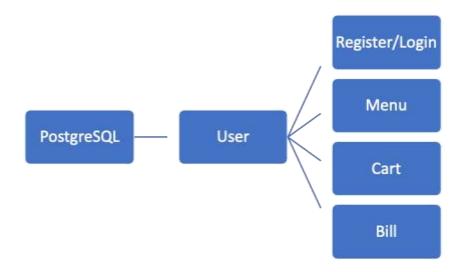
### Bill Page





### System Architecture







### Conclusion



Here the need for an online food ordering system is analyzed and its advantages over the traditional food ordering system in restaurants are studied. The proposed online restaurant management system is time saving and error free as compared to the traditional system. This system attracts customers and also adds the efficiency of maintaining the restaurant's ordering and billing. Hence it is the modern way to grow up the business using E-commerce.



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