



## **Object Oriented Programming Lab Project Report**

**Course Code: CSE215**

**Project Name: Burger and Coffee Management System**

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## Introduction:

- Our topic is very important because it's a real-life project and we can easily implement it at any restaurant and we will customize our project as our users need.
- Our application is mainly used for Restaurant to save their time and money. User can easily maintain his or her restaurant easily without facing problem.
- We think we will help our users by saving their time.

## Background:

- It is desktop application and user need Windows 10 32 or 64-bit OS system and a printer.
- It is different and better from other because it's need low storage space. Application size is also very low.

## Project:

- Owner or manager faces many difficulties when he or she run a restaurant. They need to keep a large number of cost data. They need calculator to calculate cost and paper to write them. We developed our system to solve all this problem.
- Using Java Swing we developed this application, and it will help user to maintain all daily works.
- We used many JFrame design components to design the application. We tried our best to create a best interface for our application. It will help our customer's very much.
- User can change product name, price, tax rate and many other things. User can count all types of cost separately. It will print a pdf type bill copy. We use database to record all our data about cost like cost and tax.

## Summary:

- It's a desktop-based application using Java language.
- First, we collected problems that faced by restaurant owner or manager. Then we discuss about the problem and find it's solution.

- Secondly, we create a blue print of our application and started working on it. We design our application by JFrame.
- Thirdly, we write codes to solve problem. We also connect it to database. Then we run our application and fixed our bugs.
- Finally, we finished our project.

### Conclusions:

- While working on this project, we learned many things like how to solve real life problem, create a module of work plan, team discussion to solve our project as early possible.
- We worked to decrease application size and we are done it. We create a strong database to save all data.
- We think our application will help our customer and we will give them strong support.
- Our future plan is to develop android and web version of this application.

### Reference:

Project Source Code and application, GitHub Link:

<https://github.com/e7hridoy/Burger-and-Coffee-Point-Management-System-by-R2HBD>

Project Video, YouTube Link:

<https://www.youtube.com/watch?v=NyJhH3wbvKM>

Our Team Facebook Page Link:

<https://www.facebook.com/r2hbd>