

# Restaurant Billing System v2.0

## Complete Installation & Setup Guide

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## 1. Overview

This document provides a complete, structured installation and setup guide for the Restaurant Billing System v2.0. It explains how any new user can download, configure, and run the project from your GitHub repository on their local system with MySQL integration.

## 2. Requirements

Python 3.10 or above pip package manager MySQL installed (Windows / WSL / Linux)  
Python packages: ttkbootstrap mysql-connector-python Git installed

## 3. Clone the GitHub Repository

Use the following commands to download the project:

```
git clone https://github.com/YOUR_USERNAME/YOUR_REPO.git cd YOUR_REPO
```

## 4. Install Dependencies

Install required Python libraries:

```
pip install ttkbootstrap pip install mysql-connector-python
```

## 5. MySQL Setup

1. Open MySQL terminal: mysql -u root -p  
2. Create required database: CREATE DATABASE rbs; EXIT;  
The application will automatically create required tables on first run.

## 6. Running the Application

After installing dependencies and setting up MySQL, run: python rbs.py

## 7. Features in v2.0

Modern UI with ttkbootstrap Dark / Light theme switch Reduced bill area + balanced UI layout Added new Indian veg items: Snacks: Poha, Kachori Specialities: Paneer Butter Masala, Veg Handi Beverages: Masala Chaas, Faluda Auto-responsive layout (grid only) MySQL storage of bills Search & View bill history Print + Save Bill (TXT) support

## 8. Folder Structure

```
project/ ████ rbs.py ████ bills/ # auto-created ████ README.md # recommended ████  
RBS_v2_setup_guide.pdf
```

## 9. Troubleshooting

MySQL connection error → Check password & service status Theme not applied →  
Reinstall ttkbootstrap Print not working → Only supported in Windows using os.startfile()

## 10. Credits

Developed by **Jils Patel**. For contribution guidelines, raise pull requests on GitHub.