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Germs Buster Bacolod Cleaning and Sanitizing Services Reservation and Management System

A Project

presented to the Faculty of College of Computer Studies of

CHMSU – Alijis, Bacolod City

In Partial Fulfilment of the Requirements for the subject

ITPFL6 – Professional Elective 6 (Python Programming)

By

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January 12, 2025
1st Semester, AY 2024-2025

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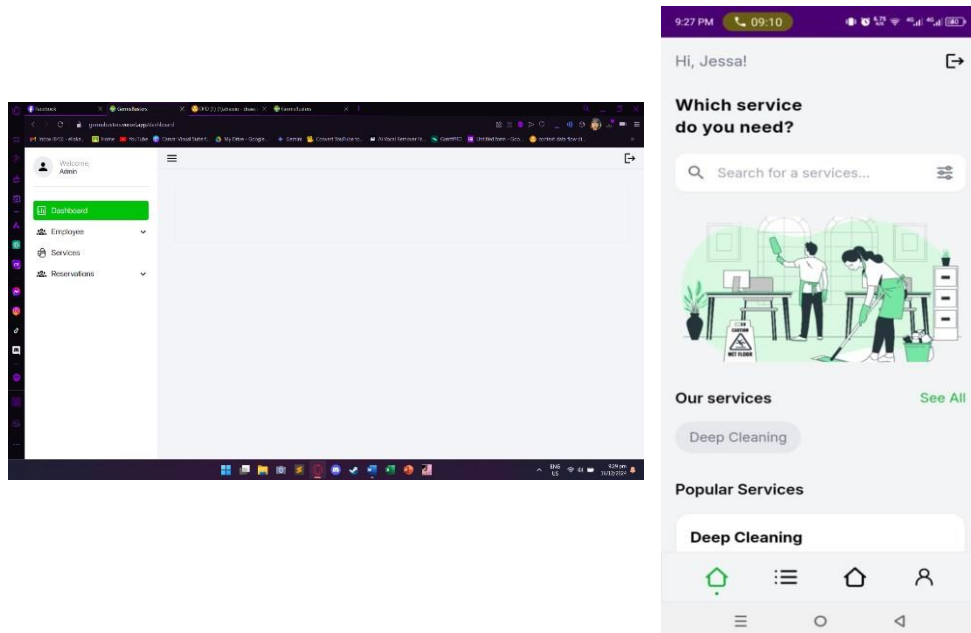
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System Design

A system design of Germs Buster Bacolod Cleaning and Sanitizing Reservation and

Management System
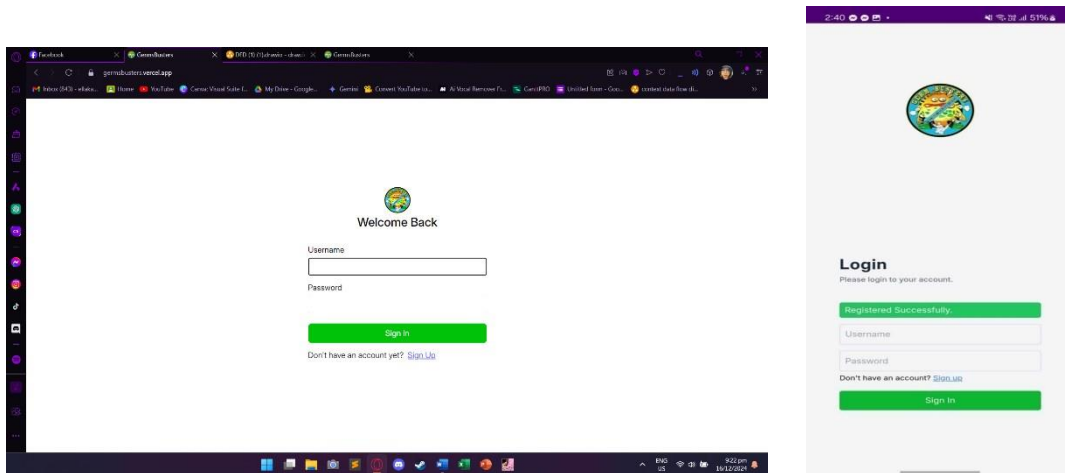
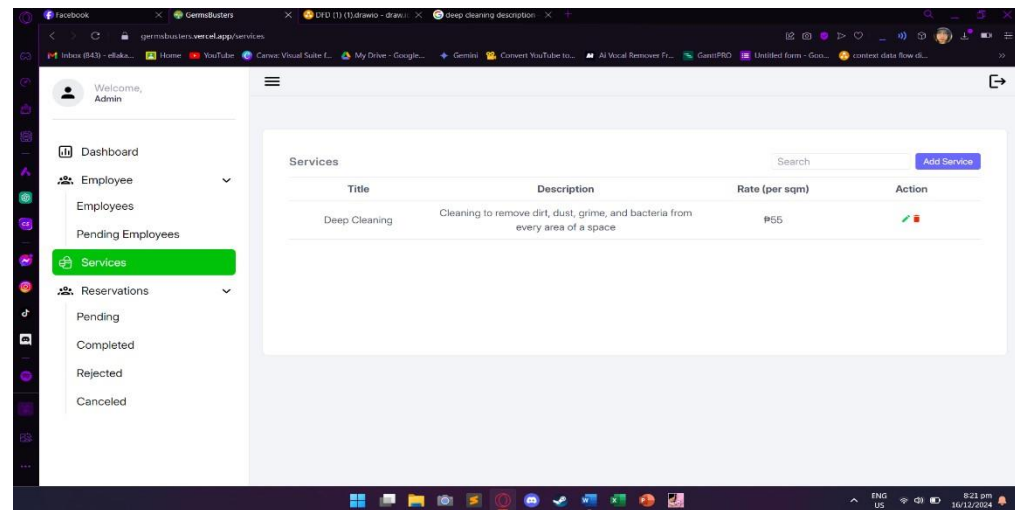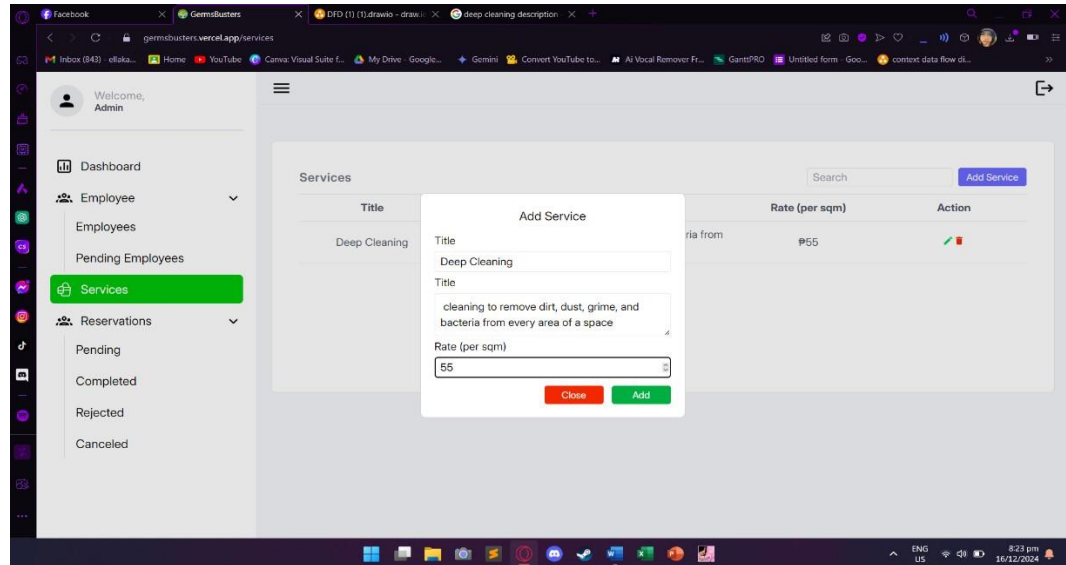1.   Designing a web application to help the Germs Buster Bacolod Cleaning and

Sanitizing in managing reservation, customers, employee and services.

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1.1 Service Management

The service management is where the admin can add the available services of the system. It is also where the admin can confirmation the customers reservation.

1.2 Customers Management

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In customer management this is where the admin can confirmation the registration of the customer, received reservation and payment feature of the system.

1.3 Employee Management

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This is where the admin assign task to the customer and can see the status if the certain employee is available or occupied. The employee also must send an evidence before and after of the cleaning and sanitizing process.

1.4 Customers History Transactions

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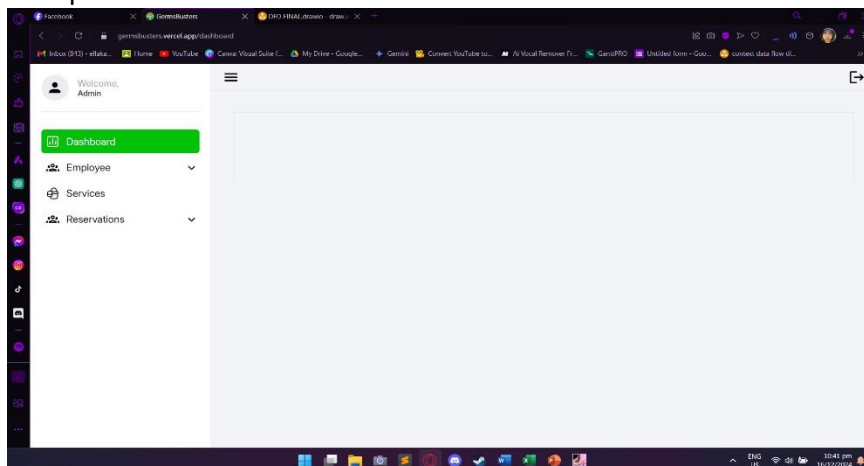
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This is where the admin can view the past transaction of the customers and in this way the company can identify the likes and dislike of a certain customer.

1.5 Report Generation

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This is where the admin can view the overall transactions and data of the system.

2.   A mobile application to help the Germs Buster Bacolod Cleaning and Sanitizing Services in their reservation, payment and feedbacking.

2.1 Reservation of Service

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This is where the customer can reserve the available services of the company, schedule the service and input location to identify where the cleaning and sanitizing process may occur.

2.2 Mode of Payment

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This is the feature that the customer can choose what type of method he/she will pay for the services that the company offers. The payment method only offers a online bank transfer, gcash and cash.

2.3 Feedbacking

If the services and payment is done the feedbacking feature is the next step of the system. This is where the customers give feedbacks to the services that the company offers the rating of the feedback is 1 star for poor service and 5 star for the satisfaction.

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Users Manual

This manual provides instructions on how to use the Germs Buster Bacolod Cleaning and Sanitizing Services Reservation and Management System.

1. System Access

Registration:
Provide Personal Information:
Name
Address
Contact Information
Gender
Birthday

Login:
Enter your unique username and password in the designated fields.
Click "Login" to access the system.

2. Dashboard

Overview:
View key performance indicators such as:

Total number of reservations
Pending reservations
Completed reservations
Customer feedback summary
Quick access to frequently used features.

3. Reservation Management

Create Reservation:
Customer Information:
Enter customer details (name, contact number, email address).
Select service(s) required (e.g., residential cleaning, office cleaning, disinfection).
Choose preferred date and time for service.
Specify any special requests or instructions.

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Scheduling:

Check for available slots based on selected date and time.

Schedule service with selected cleaner/team.

Confirmation:

Review reservation details and confirm.

Send automated confirmation email/SMS to the customer.

View Reservations: Filter reservations by status (pending, confirmed, completed, canceled).

View reservation details (customer information, service details, assigned cleaner, status, etc.).

Update reservation status (e.g., confirmed, in-progress, completed, canceled).

Manage Cleaners:

View cleaner profiles (availability, skills, ratings).

Assign cleaners to reservations.

Track cleaner performance (on-time arrival, customer satisfaction).

4. Customer Management

Customer Database:

View and manage customer information.

Search for customers by name, phone number, or email address.

View customer history (past reservations, feedback).

Send promotional offers or reminders to customers.

5. Report Generation

Generate Reports:

Generate reports on various aspects of business operations, such as:

Daily/Weekly/Monthly sales reports

Revenue reports

Customer satisfaction reports

Cleaner performance reports

Customize report parameters to suit specific needs.

6. Communication

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Reservation confirmations/reminders

Service updates

Promotional offers

7. Sytem Settings

User Management:

Create and manage user accounts with different levels of access.

Reset passwords.

Service Pricing:

Define prices for different services.

Configure discounts and promotions.

Company Information:

Update company contact information, logo, and other business details.

Disclaimer: This user manual is for informational purposes only. Germs Buster Bacolod Cleaning and Sanitizing Services reserves the right to modify the system and this manual at any time without prior notice.

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Installation Guide

This document provides step-by-step instructions for installing the Germs Buster Bacolod Cleaning and Sanitizing Reservation and Management System.

1. System Requirements

Operating System:
Windows 10 or later (64-bit)
macOS 10.15 (Catalina) or later
Hardware:
CPU: 2 GHz or faster processor
RAM: 4 GB or more
Disk Space: 2 GB free disk space
Software:
[Specify if any specific .NET runtime, Java, or other software is required]
Web Browser (Chrome, Firefox, Edge, Safari)

2. Installation Steps

2.1 Download
Download the installation package from [Provide the download link – e.g., a website, cloud storage link].
Verify the integrity of the downloaded file using [Checksum/Hash verification method – e.g., MD5, SHA-256].

2..2 Installation

Windows:

Double-click the downloaded installer file (e.g., "GermsBusterBacolodSetup.exe").
Follow the on-screen instructions in the installation wizard.
Accept the license agreement.
Choose the desired installation location (default or custom).
Select any optional components (if applicable).
Click "Install" and wait for the installation to complete.
Click "Finish" to close the installer.
macOS:

Open the downloaded DMG file.
Drag and drop the "GermsBusterBacolod" application icon to the "Applications" folder.

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You may need to right-click the application and select "Open" to bypass security restrictions on the first launch.

2.3atabase Setup (if applicable)

If the system requires a database:

Create a database: Create a new database (e.g., in MySQL, PostgreSQL, or SQL Server).
Import database schema: Import the provided d
Atabase schema (SQL script) into the created dat

Configure application: Configure the application to connect to the created database by providing the necessary database credentials (hostname, username, password).
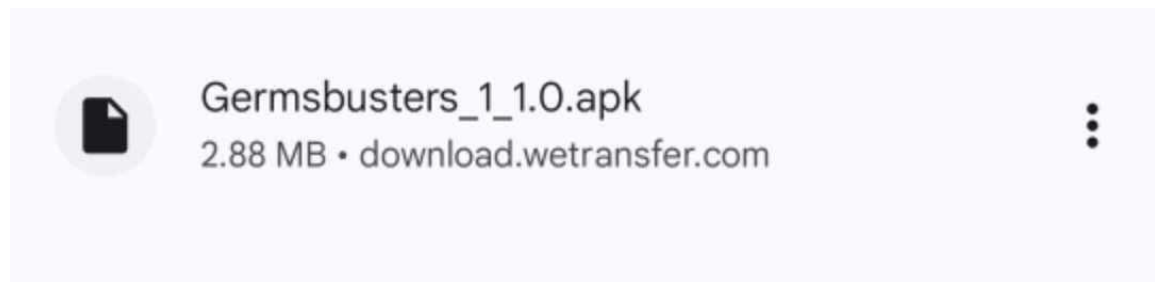
3. Post-Installation

Run the application:
Find and launch the "GermsBusterBacolod" application from your system's start menu or applications folder.

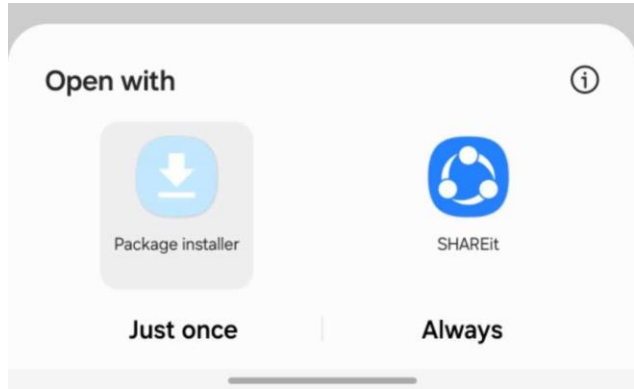Application Installation Example:

1. Click the apk.

Germsbusters_1_1.0.apk
2.88 MB · download.wetransfer.com

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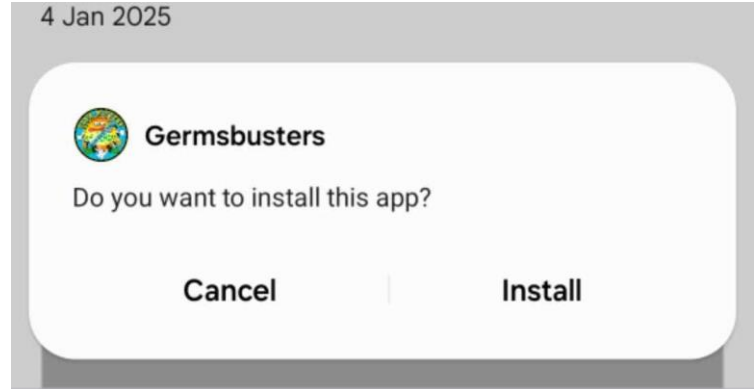
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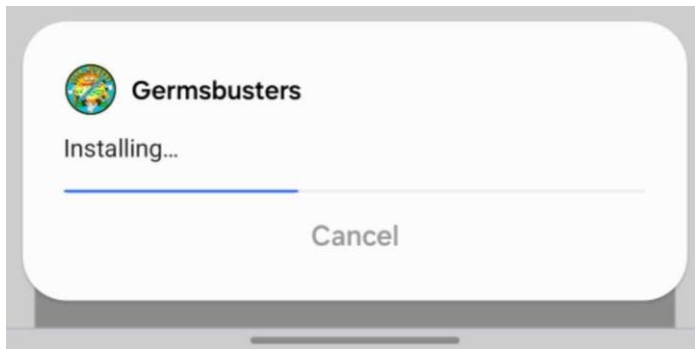
2. Click you desire option .

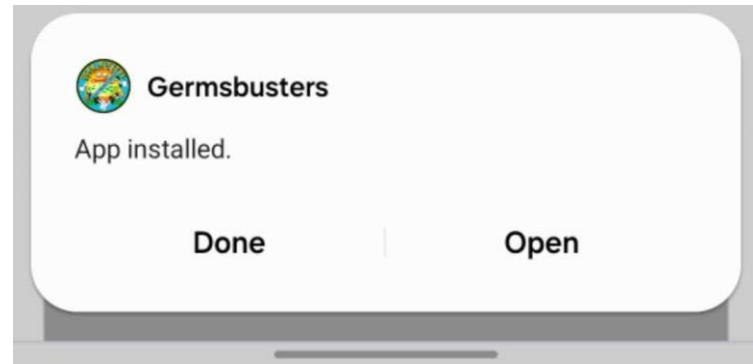3. Click install.

4. Just wait till the installing is done.

5. Click the Open button.

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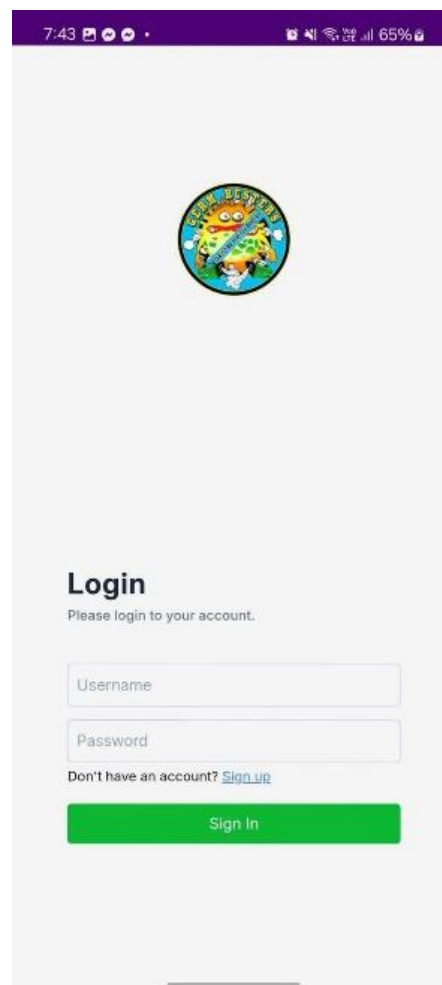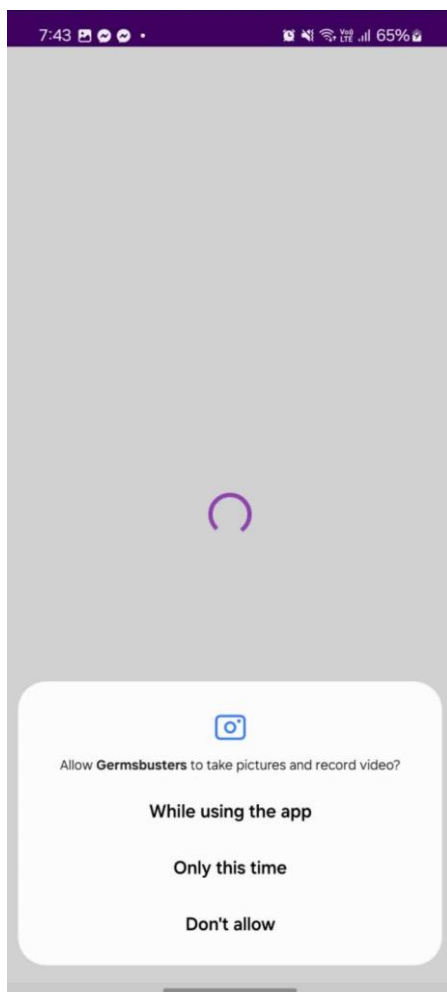
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6. The installation is successful you can now use the Germ Buster Bacolod Cleaning and Sanitizing Services Mobile application.

Disclaimer:

This installation guide is provided for informational purposes only. The author assumes no responsibility for any issues that may arise during the installation process.

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