



UNIVERSITY OF SANTO TOMAS

COLLEGE OF INFORMATION AND COMPUTING SCIENCES
DEPARTMENT OF COMPUTER SCIENCE



Software Engineering II

Software Design Document

BeeHive: Timekeeping, Evaluation, and Payroll System for Employees of Jollibee Quinta Market

CLIENT:

Uno Grupo Cinco Food Corporation

CLIENT ADDRESS:

Ground Floor Quinta Market & Fish Port, C Palanca St., Quiapo Manila City, Metro Manila

TECHBEES PROJECT MEMBERS:

Jayin, Aaron James D.R. (Project Manager)

De Guzman, Eric Julian S. (Systems Analyst)

Tonido, Andrei Christian (Business Analyst)

Palanog, Alexandra Antonette P. (Project Developer)

Naniong, Nigel Jan (Project Developer)

Alvear, Mark Josh (Quality Assurance Officer)

Tolentino, John Carl M. (Quality Assurance Officer)

ADVISER:

Prof. Maria Amelia E. Damian

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1. System Overview

1.1. Purpose

BeeHive's purpose is to develop a computerized payroll and human resource management system for Jollibee Quinta Market, a branch of Uno Grupo Cinco Food Corporation. The new system aims to eliminate inefficiencies and inaccuracies in manual payroll calculations and employee data management by replacing Excel-based tracking with a web-based platform. This transformation is designed to improve accuracy, streamline payroll processes, enhance data integrity, and provide a more reliable HR management experience for both employees and administrators.

1.2. Scope

The project scope is the complete digitization of the payroll and HR management functions at Jollibee Quinta Market. The system will handle core payroll functionalities, including wage calculations, performance-based pay, bonuses, end-of-contract settlements, and secure data storage. Additionally, it will streamline attendance tracking, real-time salary computation, employee data management, and reporting. The system will be implemented as a local network solution to minimize costs while retaining full operational control. This comprehensive solution will ensure accurate payslip generation, easy record access for management, and transparency for employees regarding their earnings.

1.2.1. System Functions

The following functions will be included in the system to address the project requirements and provide a comprehensive HR and payroll solution:

1. Employee Management

- Store and manage employee profiles, including personal details, employment status, and job roles.
- Track employment history and contract terms.
- Performance evaluation of employees.

2. Attendance Tracking and Shift Management

- Automate daily attendance logging and shift scheduling using NFC cards.
- Enable tracking of hours worked, overtime, and absences to calculate accurate wages.

3. Payroll Calculation and Processing

- Calculate monthly and hourly wages, including performance-based pay, bonuses, and end-of-contract settlements.

4. Payslip Generation and Distribution

- Generate payslips that detail earnings, deductions, bonuses, and net pay.

5. Reporting and Record Management

- Provide reporting tools for payroll summaries, attendance records, and employee data for managers and directors.
- Maintain an audit trail to ensure compliance and data accuracy.

6. User Permissions and Access Control

- Implement role-based access to restrict sensitive payroll and HR data to authorized personnel only.
- Allow managers, HR staff, and directors to view, edit, and manage specific records based on their roles.

This suite of functions, delivered as a secure, cost-effective local network solution, will enable Jollibee Quinta Market to efficiently manage payroll and HR operations while ensuring data accuracy, transparency, and ease of access.

1.3. Objective

The objective of this project is to deploy a reliable, robust, and accurate payroll management solution tailored to the needs of Jollibee Quinta Market. By transitioning from a spreadsheet-based system to an automated HR and payroll platform, we aim to enhance operational efficiency, improve the accuracy of payroll computations, and strengthen employee trust through consistent and transparent compensation processing. Additionally, this project will serve as a model for other branches of Uno

Grupo Cinco Food Corporation, supporting the corporation's mission of excellence in service and operational consistency across its network.

2. System Architecture

2.1. Architectural Design

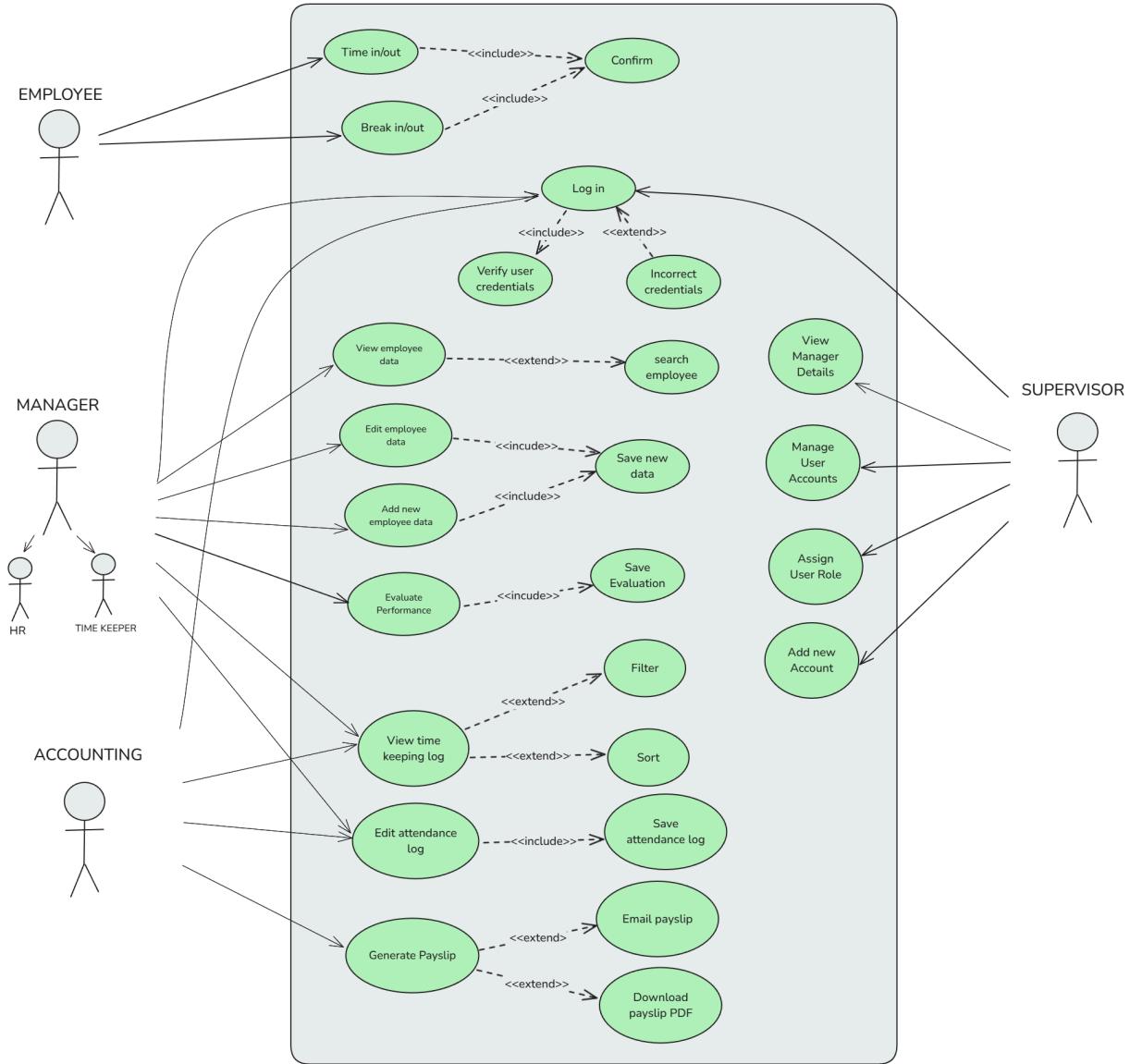


Figure 2.1.1. Detailed Use case diagram

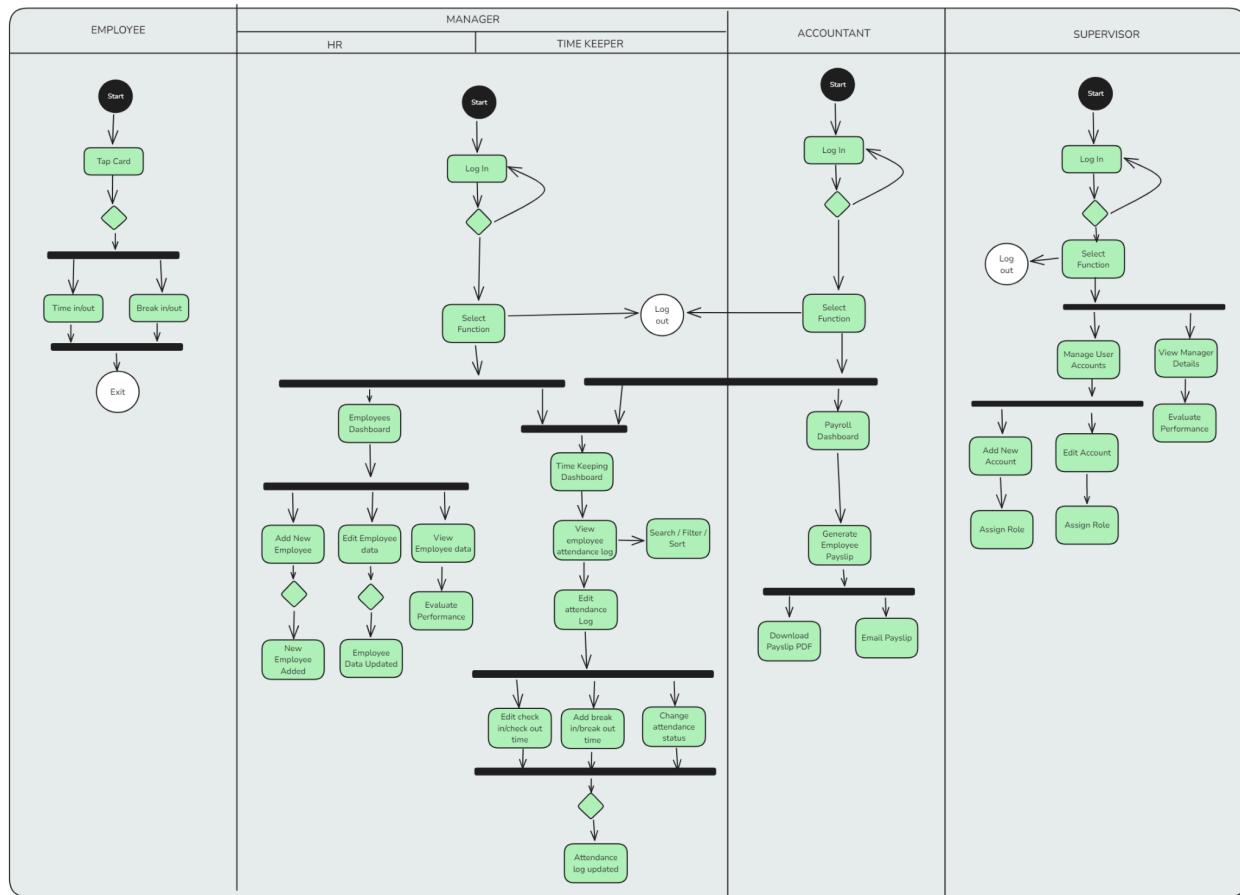


Figure 2.1.2. Swimlane diagram

The diagrams illustrate the functionalities of a human resources (HR), timekeeping, and payroll management system. This system is designed for a fast food restaurant, enabling key personnel to efficiently manage employee records, attendance logs, performance evaluations, and payroll generation. It defines the interactions between three primary actors: Manager, Supervisor, and Accounting, each with distinct responsibilities and access to specific system functionalities.

The **Employee** is a non direct user of the system. They hold an NFC card to use for their attendance tracking. On the specific order, the Employee taps their card to confirm their Time in, Break in, Break out, and lastly Time out.

The **Manager** oversees most of the employee-related tasks, such as viewing, editing, and adding employee data. They can search for specific employees, update their details, and create new records. Additionally, the Manager evaluates employee

performance based on predefined criteria and saves the results in the system. Attendance management is another critical responsibility of the Manager, as they view timekeeping logs, filter or sort them for analysis, and edit attendance logs when necessary. These functionalities ensure the Manager can effectively handle employee data and maintain accurate attendance records.

The **Accounting** role focuses on payroll management. They generate payslips based on employee data and attendance records. This process includes options to email payslips directly to employees or download them as PDF files for distribution and record-keeping. The Accounting team ensures employees are compensated accurately and promptly, making this role crucial for the overall system workflow.

The **Supervisor** is primarily responsible for system-level administration. They manage user accounts by creating new accounts, assigning user roles, and updating or deleting existing accounts. Supervisors can also view manager details to monitor their activities and are the only actors authorized to edit the Managers. Additionally, the Supervisor oversees system logs of actions performed by managers to ensure transparency and accountability. They are also responsible for performing data backups and recovering critical information when needed. By assigning appropriate permissions, monitoring system activity, and ensuring account security, the Supervisor ensures the system operates smoothly and that users only access functionalities relevant to their roles.

The **Log In** use case, which is shared by all actors. It ensures that only authorized personnel can access the system, requiring users to provide valid credentials. Successful login grants access to specific features based on the user's role, while incorrect credentials trigger error messages. This security mechanism safeguards sensitive employee data and system operations.

The diagrams provide a clear overview of the system's functionality and the responsibilities of each actor. The Manager focuses on employee and attendance data, the Supervisor handles administrative tasks, and Accounting ensures accurate payroll

processing. Together, these roles interact seamlessly within the system, streamlining HR, timekeeping, and payroll management for the organization.

2.2. Decomposition Description

The diagrams below illustrate the interactions between the Manager, the system components, and the database for various HR and payroll-related tasks. It begins with the login process, where the Manager enters credentials and accesses the system. The Manager can then navigate through different system modules, including the employee dashboard to view and edit employee data, the timekeeping dashboard to manage attendance records, and the payroll module to generate payslips. For each action, the system communicates with the database to retrieve or update relevant data, ensuring smooth execution of tasks like updating employee information, recording of check-in/out times, and generating payslips. This sequence diagram showcases the flow of information within the HR/Payroll system and highlights the key functionalities from the Manager's perspective.

System Sequence Diagram for HR/Payroll System

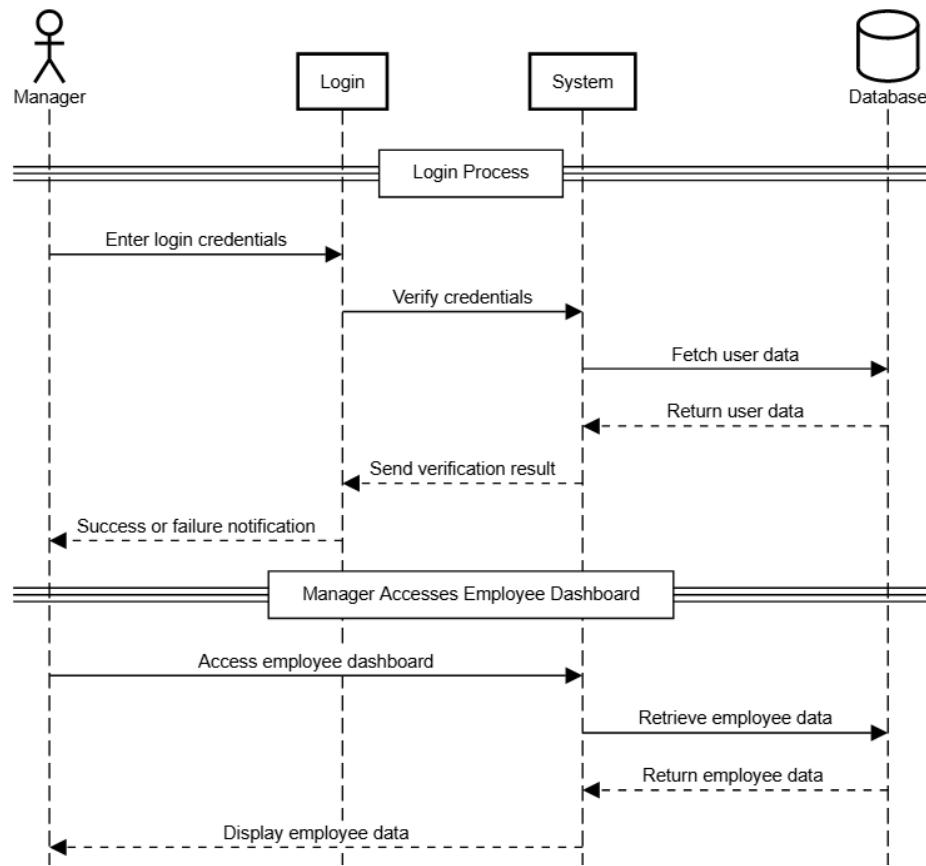


Figure D2.2.1. System sequence diagram for HR/Payroll System (Part 1)

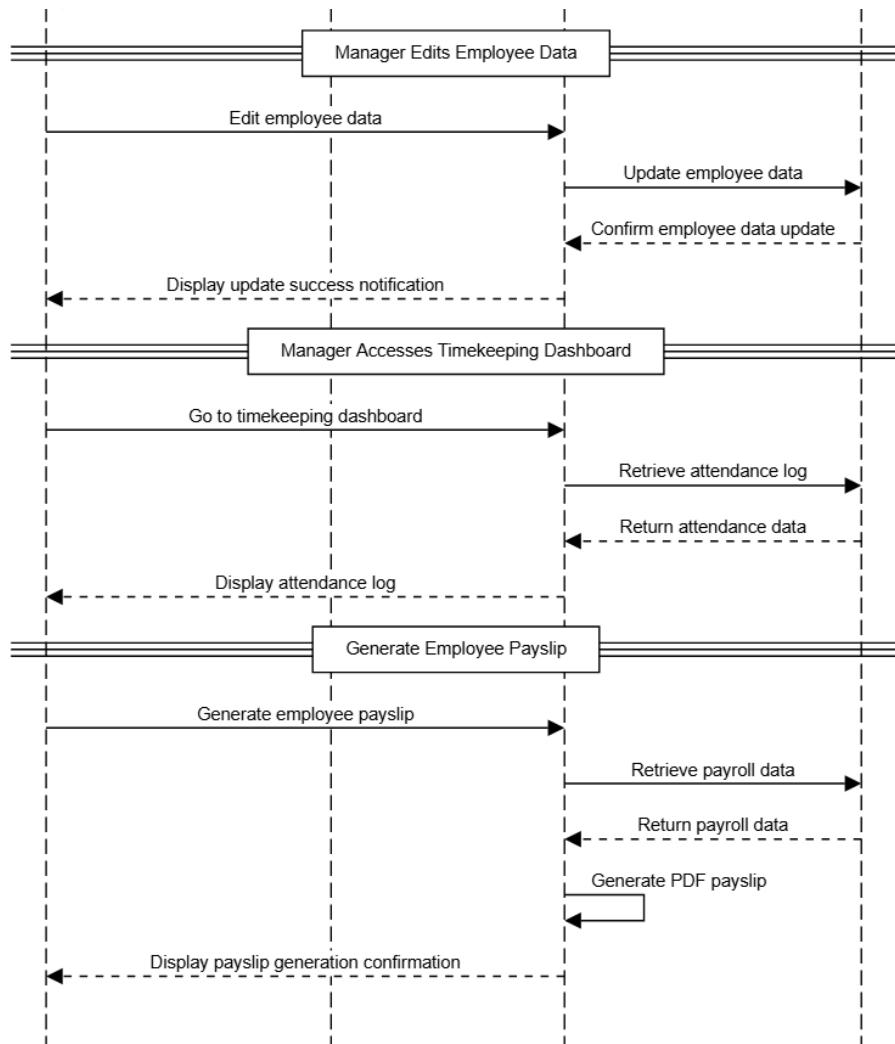


Figure D2.2.2. System sequence diagram for HR/Payroll System (Part 2)

addEmployee() Function

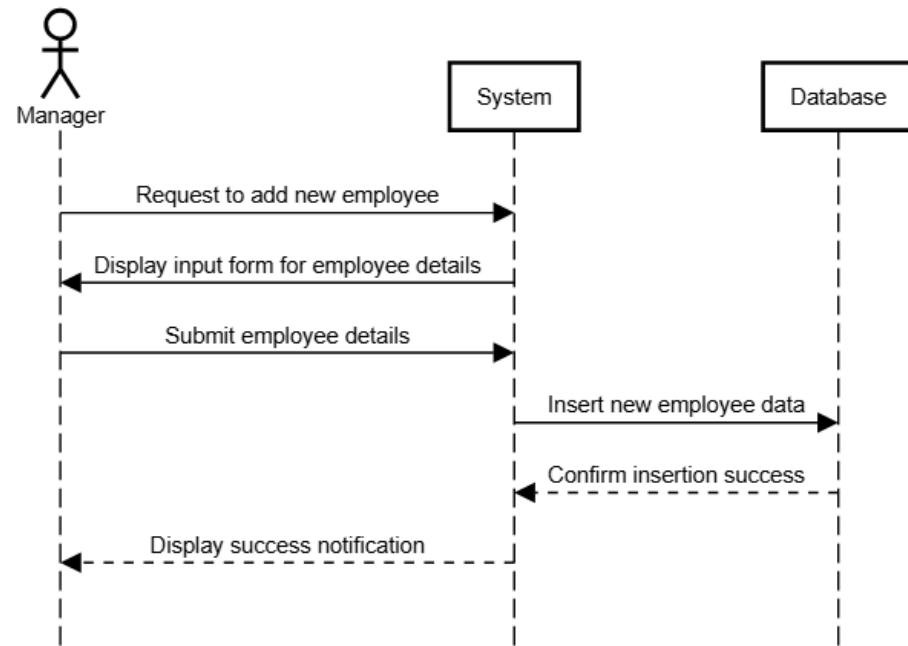


Figure D2.2.2. Subsystem sequence diagram.

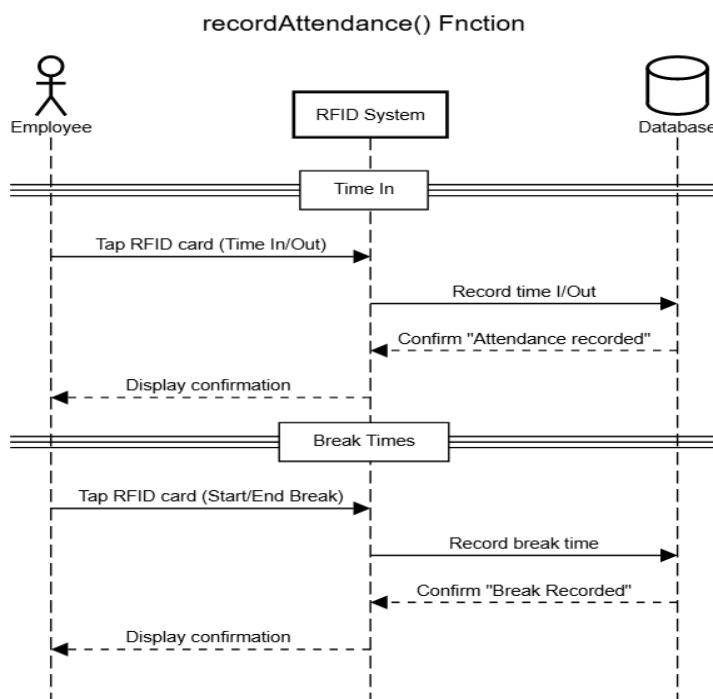


Figure D2.2.3. Subsystem sequence diagram.

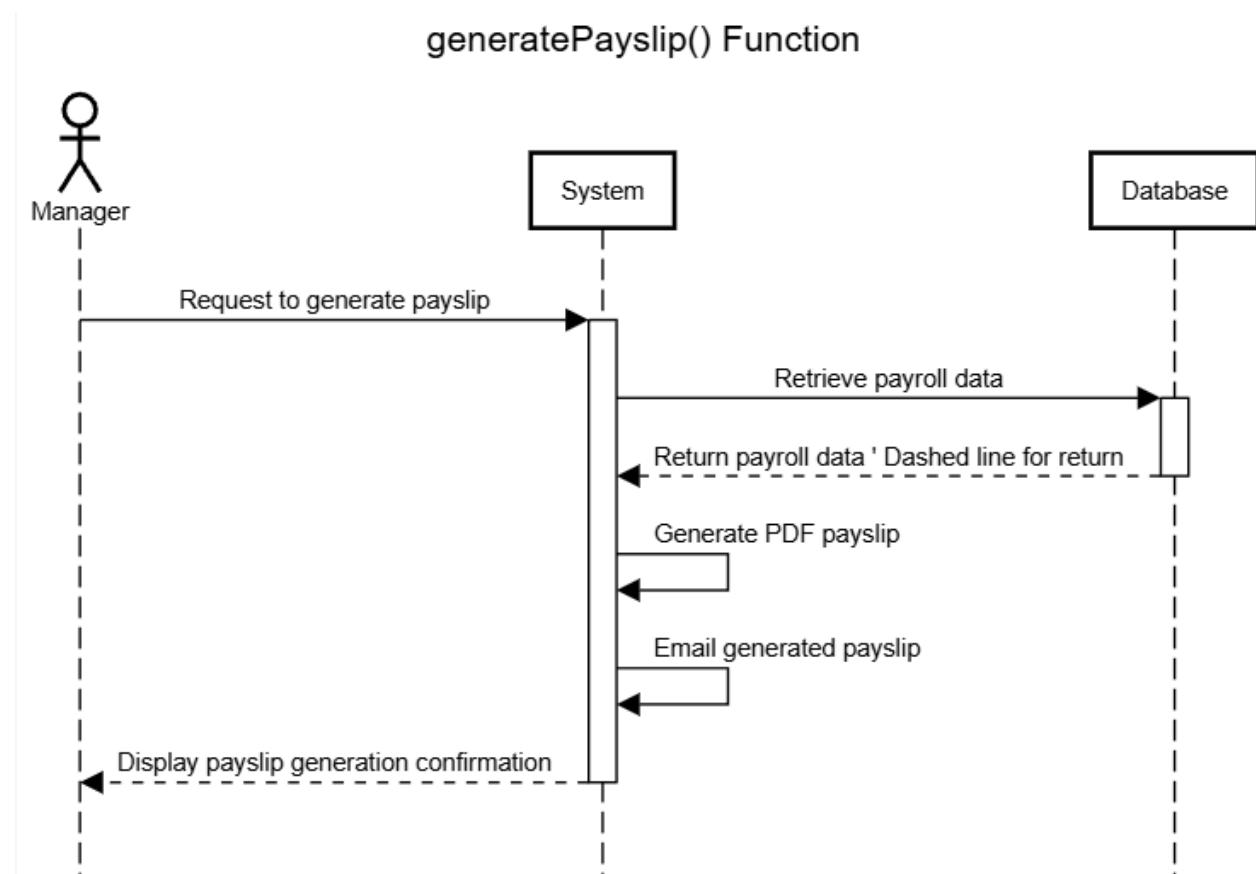


Figure D2.2.3. Subsystem sequence diagram

3. Data Design

3.1. Data Description

The data description of our system focuses on managing comprehensive employee information, timekeeping, payroll, and evaluation processes. The system captures detailed records across six primary entities: Admin, Supervisor, Employee, Timekeeping, Payroll, and Evaluation. Each entity holds specific attributes such as employee personal details, employment status, payroll computations, and performance evaluations. The relationships between these entities are clearly defined, ensuring seamless data integration and retrieval. This well-structured data organization enables efficient management, accurate reporting, and easy access to critical employee-related information within the system.

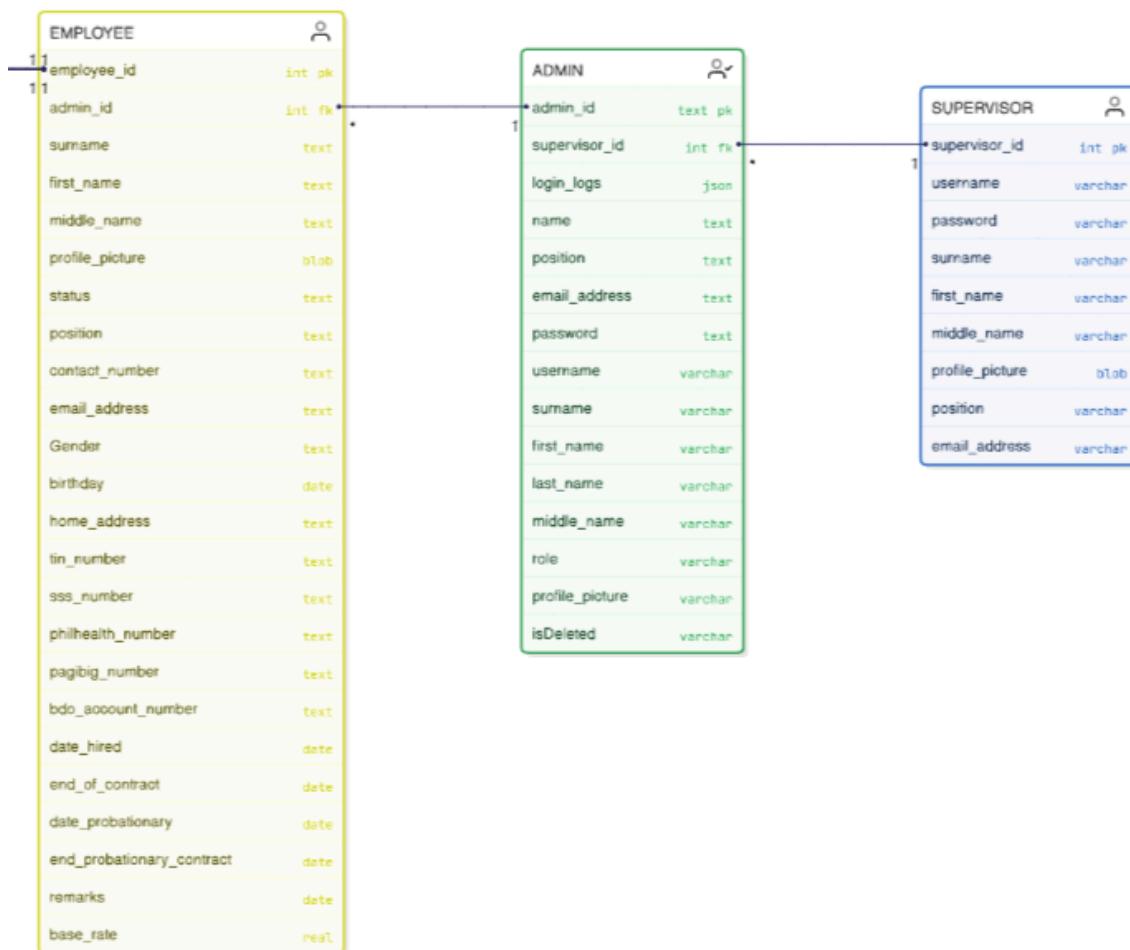


Figure D3.1: E-R diagram



Figure D3.2: E-R diagram

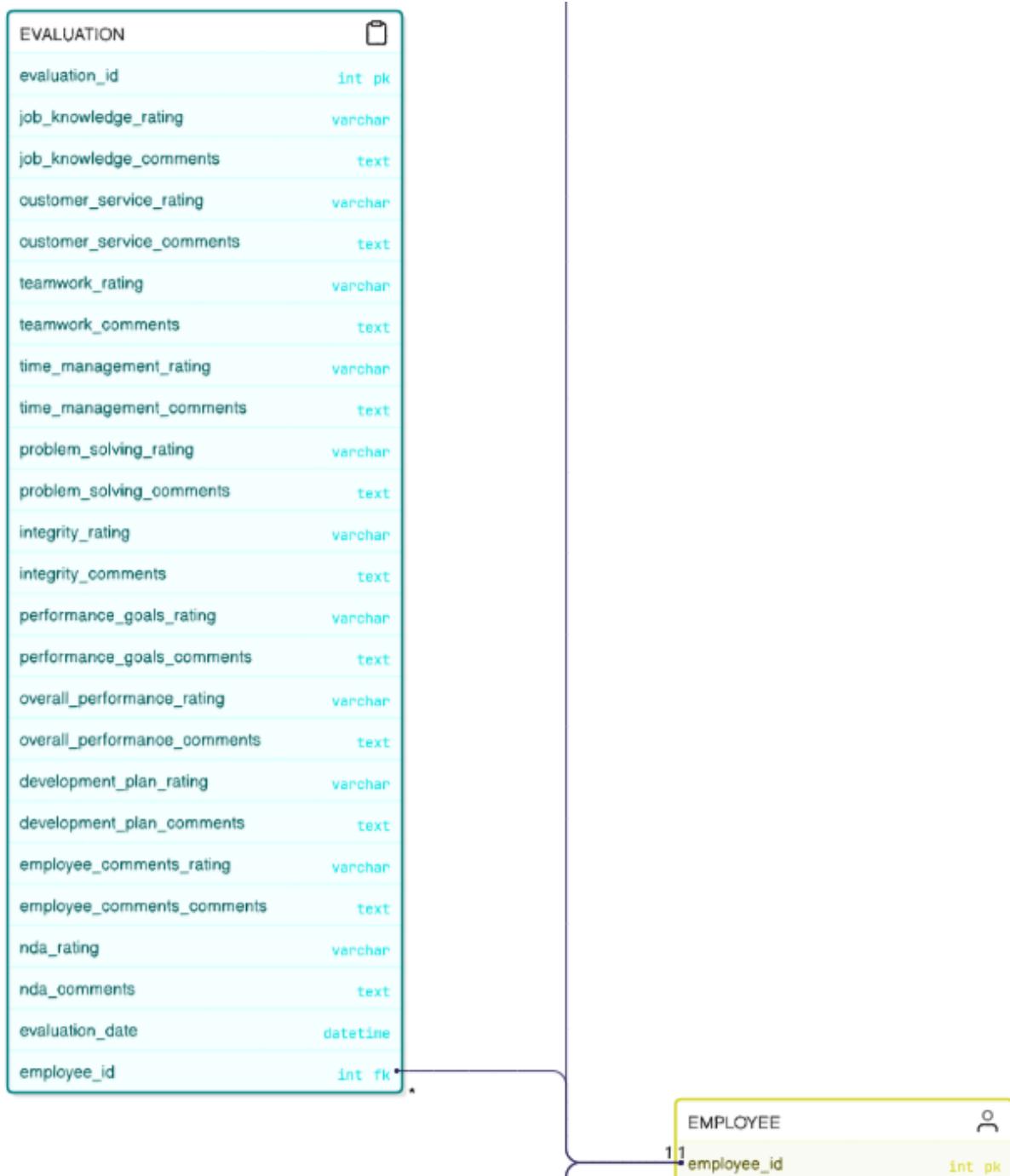


Figure D3.3: E-R diagram

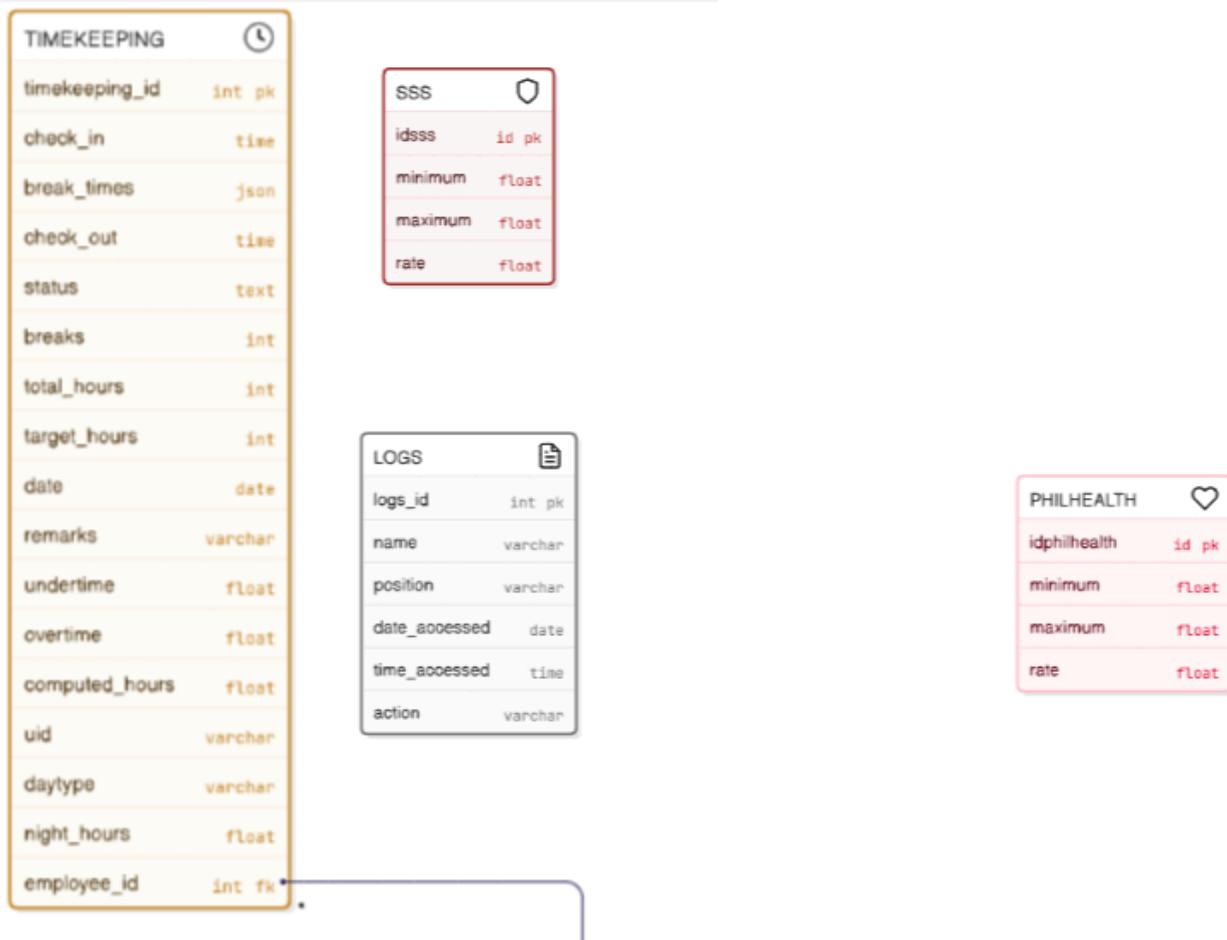


Figure D3.4: E-R diagram

3.2. Data Dictionary

In this section a metadata for each table Admin Table, Supervisor Table, TimeKeeping Table, Employee Table, Evaluation Table, Payroll Table, SSS Table, Philhealth Table, Salary Deduction Table, and Logs Table. The data dictionary defines each column but its respective entity, specifying the column name, data type, constraints, and the primary data source. This detailed information ensures a clear understanding of the structure and relationship between the data.

Table 1.1 Supervisor Table

Admin Table				
Column	Data Type	Source	Constraint	Description
supervisor_id	INT	SYSTEM	PRIMARY KEY AND NOT NULL	System-generated ID of an supervisor
username	VARCHAR	SUPERVISOR	NOT NULL	Name of the supervisor
password	VARCHAR	SUPERVISOR	NOT NULL	Password of the supervisor
surname	VARCHAR	SUPERVISOR	NOT NULL	Surname of the supervisor
first_name	VARCHAR	SUPERVISOR	NOT NULL	First name of the supervisor
middle_name	VARCHAR	SUPERVISOR	NULL	Middle name of the supervisor
profile_picture	blob	SUPERVISOR	NULL	Profile picture of the supervisor
position	VARCHAR	SUPERVISOR	NULL	Position of the supervisor
email_address	VARCHAR	SUPERVISOR	NULL	Email address of the supervisor

Table 1.2 Admin Table

Admin Table				
Column	Data Type	Source	Constraint	Description
supervisor_id	INT	SYSTEM	FOREIGN KEY AND NOT NULL	System-generated ID of an supervisor
admin_id	TEXT	SYSTEM	PRIMARY KEY AND NOT NULL	System-generated ID of an admin
login_logs	JSON	SYSTEM	NOT NULL	Record of supervisor login activities
name	TEXT	ADMIN	NOT NULL	Name of the user

position	TEXT	ADMIN	NOT NULL	Position of the user
email_address	TEXT	ADMIN	NULL	Email address of the user
password	TEXT	ADMIN	NOT NULL	The password of the supervisor
username	VARCHAR	ADMIN	NOT NULL	Username of the user
surname	VARCHAR	ADMIN	NOT NULL	Surname of the user
first_name	VARCHAR	ADMIN	NOT NULL	First name of the user
last_name	VARCHAR	ADMIN	NOT NULL	Last name of the user
middle_name	VARCHAR	ADMIN	NULL	Middle name of the user
role	VARCHAR	ADMIN	NULL	Role of the user
profile_picture	VARCHAR	ADMIN	NOT NULL	Profile picture of the user
isDeleted	VARCHAR	ADMIN	NOT NULL	Deleted accounts of the users

Table 1.3 Timekeeping Table

Timekeeping Table				
Column	Data Type	Source	Constraint	Description
timekeeping_id	INT	SYSTEM	PRIMARY KEY AND NOT NULL	Auto-generating ID for timekeeping
employee_id	INT	SYSTEM	FOREIGN KEY AND NOT NULL	System-generated employee ID from Employee Table
check_in	TIME	SYSTEM	NOT NULL	Time what employee started his/her shift
break_times	JSON	SYSTEM	NOT NULL	Time employees started and ended their breaks
check_out	TIME	SYSTEM	NOT NULL	Time the employee finished his/her shift
status	TEXT	SYSTEM	NOT NULL	Employees attendance

breaks	INT	SYSTEM	NOT NULL	The duration of an employee's break
total_hours	INT	SYSTEM	NOT NULL	Total of work hours
target_hours	INT	SYSTEM	NOT NULL	Target working hours for the day
date	DATE	SYSTEM	NOT NULL	Date of the time record
remarks	VARCHAR	SYSTEM	NOT NULL	Remarks of the employees attendance
undertime	FLOAT	SYSTEM	NOT NULL	Undertime of the employee
overtime	FLOAT	SYSTEM	NOT NULL	Overtime of the employee
computed_hours	FLOAT	SYSTEM	NOT NULL	Computed hours of the employees attendance
uid	VARCHAR	SYSTEM	NOT NULL	UID of the NFC card
daytype	VARCHAR	SYSTEM	'Ordinary'	Day type of the employees attendance
night_hours	FLOAT	SYSTEM	NOT NULL	Night hours of the employees

Table 1.4 Employee Table

Employee Table				
Column	Data Type	Source	Constraint	Description
employee_id	INT	SYSTEM	PRIMARY KEY NOT NULL	System-generated employee ID
admin_id	INT	SYSTEM	FOREIGN KEY NOT NULL	System-generated admin ID
surname	TEXT	employee	NOT NULL	The surname of the employee

first_name	TEXT	employee	NOT NULL	First name of the employee
middle_name	TEXT	employee	NOT NULL	Middle name of the employee
profile_picture	BLOB	employee		Profile picture of employee
status	TEXT	HR	NOT NULL	Work status of the employee
position	TEXT	HR	NOT NULL	Position of the employee
contact_number	TEXT	employee	NOT NULL	The contact number of the employee
email_address	TEXT	employee	NOT NULL	Email address of the employee
Gender	TEXT	employee	NOT NULL	Gender of the employee
birthday	DATE	employee	NOT NULL	Birthdate of the employee
home_address	TEXT	employee	NOT NULL	Home address of the employee
tin_number	TEXT	employee	NOT NULL	TIN of the employee
sss_number	TEXT	employee	NOT NULL	SSS number of the employee
philhealth_number	TEXT	employee	NOT NULL	Philhealth number of the employee
pagibig_number	TEXT	employee	NOT NULL	Pag-ibig number of the employee
bdo_account_number	TEXT	employee	NOT NULL	Bdo account number of the employee
date_hired	DATE	HR	NOT NULL	Date of employment
end_of_contract	DATE	HR	NOT NULL	Date of employee end of contract
date_probationary	DATE	HR	NOT NULL	Date of employee's probationary starts

end_probationary_contract	DATE	HR	NOT NULL	Date of employee end of probationary contract
remarks	DATE	HR	NOT NULL	Performance status of the employee after the end of the contract
base_rate	REAL	HR	NOT NULL	Base salary rate

Table 1.5 Payroll Table

Payroll Table				
Column	Data Type	Source	Constraint	Description
payroll_id	INT	SYSTEM	PRIMARY KEY AND NOT NULL	System-generated payroll ID
employee_id	INT	SYSTEM	FOREIGN KEY AND NOT NULL	System generated employee ID from employee table
daily_rate	REAL	SYSTEM	NOT NULL	The daily rate of the employee
rate_per_hour	REAL	SYSTEM	NOT NULL	Hourly rate of the employee
regular_hours_hours	FLOAT	SYSTEM	NOT NULL	Regular hours of the employee
regular_hours_computed	FLOAT	SYSTEM	NOT NULL	Regular hours computed pay of the employee
ordinary_day_overtime_rate	FLOAT	SYSTEM	NOT NULL	Ordinary day overtime rate of the employee
ordinary_day_overtime_hours	FLOAT	SYSTEM	NOT NULL	Ordinary day hourly overtime of the employee
ordinary_day_overtime_computed	FLOAT	SYSTEM	NOT NULL	Ordinary day overtime computed pay of the employee
restday_overtime_rate	FLOAT	SYSTEM	NOT NULL	Rest day overtime rate of the employee

restday_overtime_hours	FLOAT	SYSTEM	NOT NULL	Rest day hourly overtime of the employee
restday_overtime_computed	FLOAT	SYSTEM	NOT NULL	Computed rest day overtime of the employee
special_holiday_premium_rate	FLOAT	SYSTEM	NOT NULL	Special holiday premium pay rate of the employee
special_holiday_premium_hours	FLOAT	SYSTEM	NOT NULL	Special holiday premium hourly rate of the employee
special_holiday_overtime_rate	FLOAT	SYSTEM	NOT NULL	Special holiday overtime pay rate of the employee
special_holiday_overtime_hours	FLOAT	SYSTEM	NOT NULL	Special holiday overtime hourly pay rate of the employee
special_holiday_overtime_computed	FLOAT	SYSTEM	NOT NULL	Computed special holiday overtime of the employee
special_holiday_restday_rate	FLOAT	SYSTEM	NOT NULL	Special holiday rest day pay rate of the employee
special_holiday_restday_computed	FLOAT	SYSTEM	NOT NULL	Computed special holiday rest day pay of the employee
special_holiday_restday_overtime_rate	FLOAT	SYSTEM	NOT NULL	Special holiday rest day of the employee
special_holiday_restday_overtime_hours	FLOAT	SYSTEM	NOT NULL	Special holiday rest day overtime hourly pay rate of the employee
special_holiday_restday_overtime_computed	FLOAT	SYSTEM	NOT NULL	Computed special holiday rest day pay rate of the employee
regular_holiday_premium_rate	FLOAT	SYSTEM	NOT NULL	Regular holiday premium pay rate of the employee

regular_holiday_premium_hour	FLOAT	SYSTEM	NOT NULL	Regular holiday premium hourly pay of the employee
regular_holiday_premium_computed	FLOAT	SYSTEM	NOT NULL	Computed regular holiday rate of the employee
regular_holiday_overtime_rate	FLOAT	SYSTEM	NOT NULL	Regular holiday overtime pay rate of the employee
regular_holiday_overtime_hours	FLOAT	SYSTEM	NOT NULL	Regular holiday overtime hourly rate of the employee
regular_holiday_overtime_computed	FLOAT	SYSTEM	NOT NULL	Computed regular holiday overtime rate of the employee
regular_holiday_restday_rate	FLOAT	SYSTEM	NOT NULL	Regular holiday rest day pay rate of the employee
regular_holiday_restday_hours	FLOAT	SYSTEM	NOT NULL	Regular holiday rest day hourly rate of the employee
regular_holiday_restday_computed	FLOAT	SYSTEM	NOT NULL	Computed regular holiday rest day pay rate of the employee
regular_holiday_restday_overtime_rate	FLOAT	SYSTEM	NOT NULL	Regular holiday overtime pay rate of the employee
regular_holiday_restday_overtime_hours	FLOAT	SYSTEM	NOT NULL	Regular holiday rest day hourly rate of the employee
regular_holiday_restday_overtime_computed	FLOAT	SYSTEM	NOT NULL	Computed regular holiday rest day rate of the employee
ordinary_day_night_diff_rate	FLOAT	SYSTEM	NOT NULL	Ordinary day night differential pay rate of the employee
ordinary_day_night_diff_hours	FLOAT	SYSTEM	NOT NULL	Ordinary day night differential hourly rate of the employee

ordinary_day_night_diff_computed	FLOAT	SYSTEM	NOT NULL	Computed ordinary day night differential of the employee
restday_night_diff_rate	FLOAT	SYSTEM	NOT NULL	Rest day night differential pay rate of the employee
restday_night_diff_hours	FLOAT	SYSTEM	NOT NULL	Rest day night differential hourly rate of the employee
restday_night_diff_computed	FLOAT	SYSTEM	NOT NULL	Computed rest day night differential rate of the employee
special_holiday_night_diff_rate	FLOAT	SYSTEM	NOT NULL	Special holiday night differential pay rate of the employee
special_holiday_night_diff_hours	FLOAT	SYSTEM	NOT NULL	Special holiday night differential hourly rate of the employee
special_holiday_night_diff_computed	FLOAT	SYSTEM	NOT NULL	Computed special holiday night differential pay rate of the employee
special_holiday_restday_night_diff_rate	FLOAT	SYSTEM	NOT NULL	Special holiday rest day night differential pay rate of the employee
special_holiday_restday_night_diff_hours	FLOAT	SYSTEM	NOT NULL	Special holiday rest day night differential hourly pay rate of the employee
special_holiday_restday_night_diff_computed	FLOAT	SYSTEM	NOT NULL	Computed special holiday night differential pay rate of the employee
legal_holiday_night_diff_rate	FLOAT	SYSTEM	NOT NULL	Legal holiday night differential pay rate of the employee
legal_holiday_night_diff_hours	FLOAT	SYSTEM	NOT NULL	Legal holiday night differential hourly pay rate of the employee

legal_holiday_night_diff_computed	FLOAT	SYSTEM	NOT NULL	Computed legal holiday night differential rate of the employee
total_ot_amount	FLOAT	SYSTEM	NOT NULL	Total ot amount of the employee
total_night_diff_pay	FLOAT	SYSTEM	NOT NULL	Total night diff pay of the employee
late_rate	FLOAT	SYSTEM	NOT NULL	Late rate of the employee
late_minutes	FLOAT	SYSTEM	NOT NULL	Late minutes of the employee
late_computed	FLOAT	SYSTEM	NOT NULL	Computed late of the employee
absence_rate	FLOAT	SYSTEM	NOT NULL	Absence rate of the employee
absence_hours	FLOAT	SYSTEM	NOT NULL	Hourly absence of the employee
absence_computed	FLOAT	SYSTEM	NOT NULL	Computed absence of the employee
undertime_rate	FLOAT	SYSTEM	NOT NULL	Undertime rate of the employee
undertime_minutes	FLOAT	SYSTEM	NOT NULL	Undertime minutes of the employee
undertime_computed	FLOAT	SYSTEM	NOT NULL	Computed undertime of the employee
total_tardiness_amount	FLOAT	SYSTEM	NOT NULL	Total tardiness amount of the employee
adjustment_pay	FLOAT	SYSTEM	NOT NULL	Adjustment pay of the employee
leave_pay	FLOAT	SYSTEM	NOT NULL	Leave pay rate of the employee
gross_salary	FLOAT	SYSTEM	NOT NULL	Gross salary rate of the employee

withholding_tax	FLOAT	SYSTEM	NOT NULL	Withholding tax rate of the employee
sss_contribution	FLOAT	SYSTEM	NOT NULL	SSS contribution of the employee
philhealth_contribution	FLOAT	SYSTEM	NOT NULL	Philhealth contribution of the employee
pagibig_contribution	FLOAT	SYSTEM	NOT NULL	Pagibig contribution of the employee
sss_loan_payment	FLOAT	SYSTEM	NOT NULL	SSS loan payment of the employee
sss_cal_loan	FLOAT	SYSTEM	NOT NULL	SSS car loan of the employee
total_deductions	FLOAT	SYSTEM	NOT NULL	Total deductions of the employee
healthcard_payment	FLOAT	SYSTEM	NOT NULL	Healthcard payment of the employee
product_charge_trt	FLOAT	SYSTEM	NOT NULL	Product charge trt of the employee
miscellaneous_payment_sd	FLOAT	SYSTEM	NOT NULL	Miscellaneous payment salary deduction of the employee
bdo_life_insurance	FLOAT	SYSTEM	NOT NULL	BDO life insurance of the employee
cash_advance_charges	FLOAT	SYSTEM	NOT NULL	Cash advance charges of the employee
net_employee_pay	FLOAT	SYSTEM	NOT NULL	Net employee pay rate of the employees

Table 1.6 Evaluation Table

Evaluation Table				
Column	Data Type	Source	Constraint	Description
evaluation_id	INT	SYSTEM	PRIMARY KEY NOT	System-generated evaluation ID

			NULL	
employee_id	INT	SYSTEM	FOREIGN KEY NOT NULL	System-generated employee ID
job_knowledge_rating	VARCHAR	MANAGER	NOT NULL	Text based rating during the evaluation
job_knowledge_comments	TEXT	MANAGER	NOT NULL	Additional comments about the employees job knowledge
customer_service_rating	VARCHAR	MANAGER	NOT NULL	Text based rating during the evaluation
customer_service_comments	TEXT	MANAGER	NOT NULL	Additional comments about the customer service worked by the employees
teamwork_rating	VARCHAR	MANAGER	NOT NULL	Text based rating during the evaluation
teamwork_comments	TEXT	MANAGER	NOT NULL	Additional comments about the teamwork skills of the employee
time_management_rating	VARCHAR	MANAGER	NOT NULL	Text based rating during the evaluation
time_management_comments	TEXT	MANAGER	NOT NULL	Additional comments about the time management skills of the employee
problem_solving_rating	VARCHAR	MANAGER	NOT NULL	Text based rating during the evaluation
problem_solving_comments	TEXT	MANAGER	NOT NULL	Additional comments about the problem solving skills of the employee
integrity_rating	VARCHAR	MANAGER	NOT NULL	Text based rating during the evaluation
integrity_comments	TEXT	MANAGER	NOT NULL	Additional comments about integrity of the employee

performance_goals_rating	VARCHAR	MANAGER	NOT NULL	Text based rating during the evaluation
performance_goals_comments	TEXT	MANAGER	NOT NULL	Additional comments about the overall performance goals of the employee
overall_performance_rating	VARCHAR	MANAGER	NOT NULL	Text based rating during the evaluation
overall_performance_comments	TEXT	MANAGER	NOT NULL	Additional comments about the overall performance goals of the employee
development_plan_rating	VARCHAR	MANAGER	NOT NULL	Text based rating during the evaluation
development_plan_comments	TEXT	MANAGER	NOT NULL	Additional comments about the development plan of the employee
employee_comments_rating	VARCHAR	MANAGER	NOT NULL	Text based rating during the evaluation
employee_comments_comments	TEXT	MANAGER	NOT NULL	Additional comments about the employee
nda_rating	VARCHAR	MANAGER	NOT NULL	Text baked rating during the evaluation
nda_comments	TEXT	MANAGER	NOT NULL	Additional comments about the employees the technical or non-technical matters affecting the business or operations of the company
evaluation_date	DATETIME	SYSTEM	NOT NULL	System automatically sets the date and time after the evaluation

Table 1.7 Salary Deduction Table

Salary Deduction Table				
Column	Data Type	Source	Constraint	Description

salarydeduction_id	INT	SYSTEM	PRIMARY KEY AND NOT NULL	Unique identifier for each salary deduction record
employee_id	INT	SYSTEM	FOREIGN KEY NOT NULL	Salary deduction employee ID
withholding_tax	REAL	HR	NOT NULL	Tax withheld from the employee's salary.
sss_contribution	REAL	SYSTEM	NOT NULL	Social Security System (SSS) contribution.
philhealth_contribution	REAL	SYSTEM	NOT NULL	PhilHealth insurance contribution.
sss_loan_payment	REAL	PAYROLL	NOT NULL	Payment for SSS loans.
sss_cal_loan_payment	REAL	PAYROLL	NOT NULL	Payment for calamity loans under SSS.
healthcard_payment	REAL	PAYROLL	NOT NULL	Deductions for purchased company products.
product_charge	REAL	PAYROLL	NOT NULL	Other payments are not categorized.
miscellaneous_payment	REAL	HR	NOT NULL	Other miscellaneous deductions from salary
bdo_life_insurance	REAL	PAYROLL	NOT NULL	Deductions for life insurance (BDO).
cash_advance	REAL	HR	NOT NULL	Deduction for cash advances.
total_deductions	REAL	SYSTEM	NOT NULL	Total sum of all deductions.
new_employee_pay	REAL	SYSTEM	NOT NULL	Final pay after all deductions.

Table 1.8 Logs Table

Logs Table				
Column	Data Type	Source	Constraint	Description
logs_id	INT	SYSTEM	PRIMARY KEY AND NOT NULL	System-generated of logs ID
name	VARCHAR	SYSTEM	NULL	Name of the user who accessed the system
position	VARCHAR	SYSTEM	NULL	Position of the user who used the system
date_accessed	DATE	SYSTEM	NULL	Date accessed of the system by the user
time_accessed	TIME	SYSTEM	NULL	Time accessed of the system by the user
action	VARCHAR	SYSTEM	NULL	What did the user do while using the system

Table 1.9 Philhealth Table

Philhealth Table				
Column	Data Type	Source	Constraint	Description
idphilhealth	ID	SYSTEM	PRIMARY KEY NOT NULL	System-generated of ID philhealth
minimum	FLOAT	HR	NULL	Minimum limit of philhealth insurance
maximum	FLOAT	HR	NULL	Maximum limit of philhealth insurance
rate	FLOAT	HR	NULL	Rate of the philhealth pension

Table 1.10 SSS Table

SSS Table

Column	Data Type	Source	Constraint	Description
idsss	ID	SYSTEM	PRIMARY KEY NOT NULL	System-generated ID SSS
minimum	FLOAT	HR	NULL	Minimum limit of SSS pension
maximum	FLOAT	HR	NULL	Maximum limit of SSS pension
rate	FLOAT	HR	NULL	Rate of the SSS pension

4. Component Design

This class diagram illustrates the relationships and interactions between various components of an employee management system. The primary classes include Admin, Supervisor, Employee, Timekeeping, Payroll, and Evaluation. The Admin class, identified by attributes such as adminId, username, password, and adminName, has methods for logging in, editing and viewing employees. It has a one-to-one relationship with the Supervisor class, including attributes like supervisorId, adminId, name, position, email, password, confirmPassword, and methods for creating and managing accounts. The Supervisor class has a one-to-many relationship with the Employee class, which contains detailed employee information such as employeeId, supervisorId, personal details, contact information, and employment status. The Employee class is linked to the Timekeeping class through a one-to-many relationship, where Timekeeping records attendance details like check-in and check-out times, breaks, and total hours. The Employee class also has a one-to-many relationship with the Payroll class, which manages payroll details, including daily rate, hours worked, overtime, and gross salary. Additionally, the Employee class is connected to the Evaluation class through a one-to-many relationship, where evaluations are recorded with attributes like evaluationId, employeeId, contract dates, status, and remarks. This diagram provides a comprehensive overview of how different system components interact, ensuring efficient management of employee data, attendance, payroll, and performance evaluations.

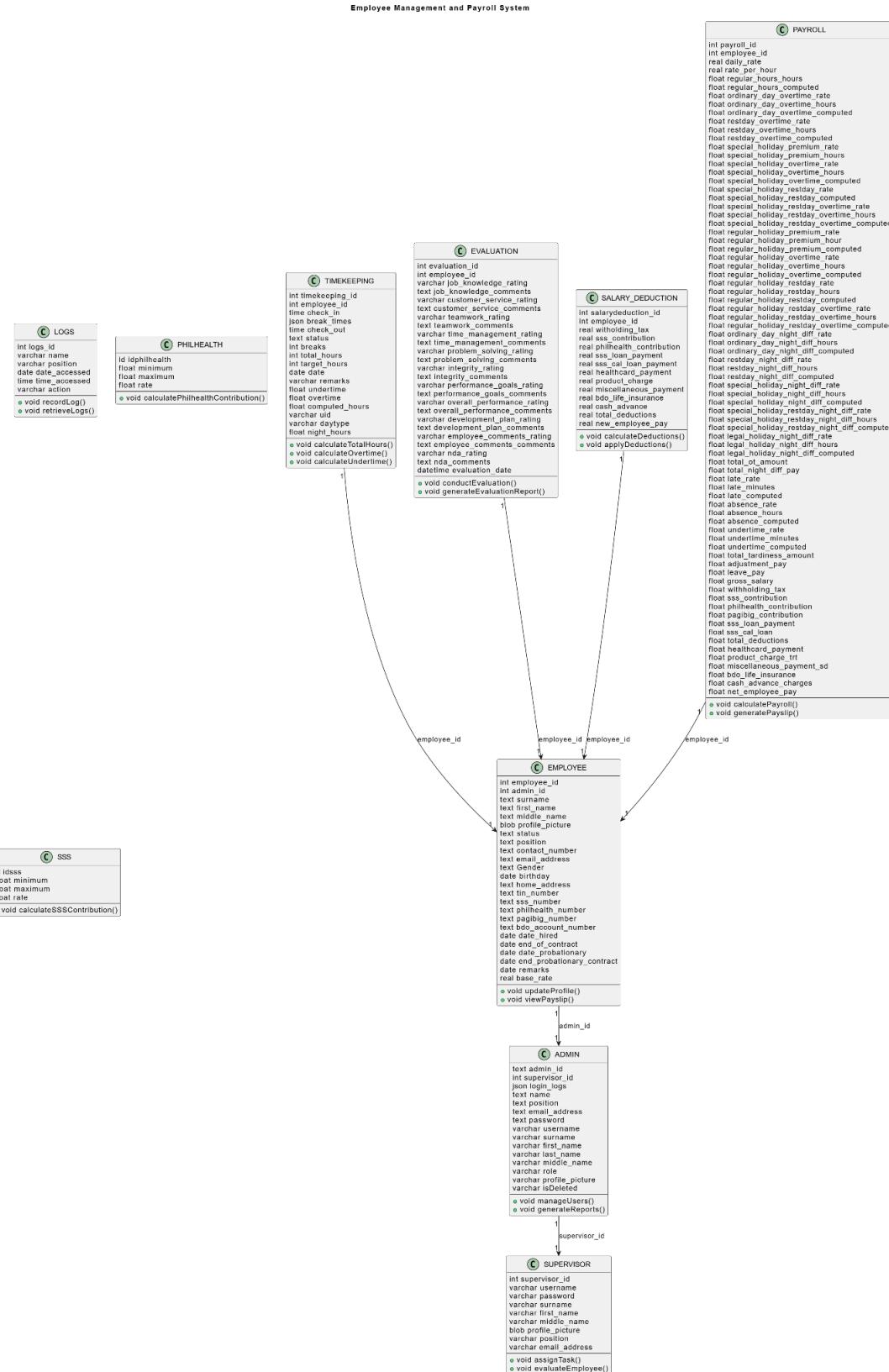


Figure D4: Class diagram

5. Human Interface Design

5.1. Overview Of User Interface

The BeeHive Human Resources and Payroll System for Jollibee Quinta Market provides a hierarchical, role-based interface that aligns with the system's architecture. Based on the system's class structure and entity relationships, the user interface is organized as follows:

1.) Login Interface

Users are presented with a secure login screen that validates credentials based on user type (Admin, Supervisor, or Employee). The system implements role-based access control defined in the Admin and Supervisor classes. Security measures include encrypted password storage, account lockout after multiple failed attempts, and session timeout to prevent unauthorized access. The landing page features professional design for optimal usability.

2.) Security Interface

The Security Interface enhances the system's protection with advanced features that go beyond login security. It incorporates Two-Factor Authentication (2FA), adding an extra layer of verification through email verification. Users also benefit from secure password recovery and reset flows, allowing them to recover access via email confirmation. To ensure continued safety, the system includes an automatic session timeout feature, logging out inactive users after a set period to minimize unauthorized access risks. Lastly, the account deletion functionality enables supervisors to securely remove user accounts when necessary, ensuring data privacy and compliance. These features are seamlessly integrated, providing a user-friendly yet robust security environment.

3.) Admin Interface

Admins are equipped with a specialized interface designed to manage the overall system's user structure and ensure smooth operations. This interface provides features such as employee record management, allowing Admins to view, update, and maintain comprehensive employee profiles. Admins also oversee attendance, leaves, and shift schedules, ensuring efficient timekeeping management. Additionally, the interface enables Admins to generate and view detailed reports, offering access to valuable insights for informed decision-making.

The interface is designed with user-friendly navigation, including quick access to a searchable employee list, ensuring that Admins can efficiently perform their responsibilities. The interface is tailored to streamline day-to-day administrative tasks, supporting smooth user management and seamless interaction with other system components.

4.) Supervisor Interface

Supervisors have the most comprehensive access in the system, designed to provide full oversight and operational control across all modules. The Supervisor interface includes tools for monitoring and managing Managers and Accountants, as well as viewing system-wide activity logs for accountability and traceability. Supervisors can access all employee records, oversee timekeeping operations, evaluate employee performance, and view payroll summaries for accuracy checking. In addition, they are authorized to generate reports across all departments and evaluate managerial activities. Supervisors are also equipped with Backup and Recovery tools that allow them to initiate system backups and restore critical data when necessary. This role includes visibility over user activity logs, enabling them to track when Managers and Accountants log in, what actions they perform, and to ensure the overall health and integrity of the system. The Supervisor interface is thoughtfully designed with intuitive navigation and management dashboards, empowering them to maintain smooth operations across all user roles and modules.

5.) Employee Interface

The Employee Management module provides a robust and organized interface for storing and updating detailed employee records. Employees' personal and employment-related information is meticulously managed within the system, covering full names, gender, birthdates, contact details, and job-related data such as position, employment status, and hiring dates. The system also tracks government-mandated identification numbers including TIN, SSS, PhilHealth, and Pag-IBIG, as well as banking information such as BDO account numbers for payroll processing. Contract management features include tools for tracking probationary periods, contract start and end dates, and storing performance-related remarks. Employees can view important system-generated alerts concerning contract timelines, evaluation schedules, and attendance statuses, promoting self-awareness and accountability.

6.) Timekeeping Interface

The Timekeeping module offers real-time tracking of employee attendance, facilitating accurate and efficient recording of check-in and check-out times, break durations, and overall work status. It automatically computes total working hours and compares them against target hours, aiding in productivity analysis. Historical attendance records are archived chronologically and come with filtering and search functionalities for easy access and verification. Supervisors can monitor timekeeping compliance, while the system notifies users of attendance irregularities, such as excessive tardiness or missed logins. This module ensures that all recorded hours align seamlessly with payroll computations, contributing to transparent and fair compensation processes.

7.) Evaluation Interface

The Evaluation interface is a crucial component of the BeeHive system, providing comprehensive tools for assessing and tracking employee performance throughout their employment lifecycle. The interface directly reflects the established evaluation relationships, allowing authorized users to create, view, and manage performance evaluations. Users can access and record vital contract-related information through this

interface, including the evaluation date, contract start dates, probationary periods, and end-of-contract dates. The system enables tracking of employee status transitions, particularly during critical periods such as probationary phases and contract renewals. Users can input and view detailed remarks regarding employee performance, which are essential for making informed decisions about contract extensions or terminations. The evaluation dashboard presents a chronological view of an employee's performance history, allowing supervisors to monitor progress over time and make data-driven decisions about employee development and retention. This interface integrates seamlessly with the Employee Management module, ensuring that all evaluation data directly updates the employee's records and can be referenced during payroll processing and administrative decision-making.

8.) Payroll Interface

The Payroll Processing interface handles all aspects of salary calculation and distribution. It manages base pay components including daily rates and hourly rates, while accounting for various working hour classifications such as regular hours and overtime. The system processes special pay calculations including rest day rates, holiday pay (both special and regular), and night differential adjustments. Deduction management encompasses late minutes, absences, and undertime hours, while also handling adjustment pay and leave pay processing. The interface automatically computes gross salary based on these various components and provides tools for payslip generation and distribution.

9.) Backup & Recovery Interface

The Backup & Recovery interface ensures data integrity and system continuity by providing robust tools for automated and manual data backup and restoration. This safeguards against data loss due to system failures, user errors, or unexpected incidents by regularly storing encrypted backups of critical records such as employee profiles, payroll data, timekeeping logs, and evaluation reports. Supervisor users have full access to configure backup schedules, manage storage settings, and initiate system restores when necessary. In addition to recovery features, the system logs all backup

activities for traceability and compliance. Supervisors are also granted visibility into system activity logs, allowing them to monitor access patterns of other users, particularly managers and accountants. These logs include timestamps and user actions, ensuring accountability and transparency within the system. This level of oversight supports proactive system management, reinforces data security, and aids in identifying potential misuse or irregular behavior.

5.2. Screen Mockups

This section presents the finalized system mockups, designed for deployment to our client. These mockups showcase the user interface (UI) and reflect the actual layout of the system's functionality. They provide a clear visual representation of how the system's features will be displayed to users, with an emphasis on creating a user-friendly, intuitive interface that prioritizes navigation and accessibility. The mockups serve as a guide for stakeholders to visualize the system's key features, ensuring alignment with requirements and setting the foundation for further refinement and enhancement of the overall user experience.

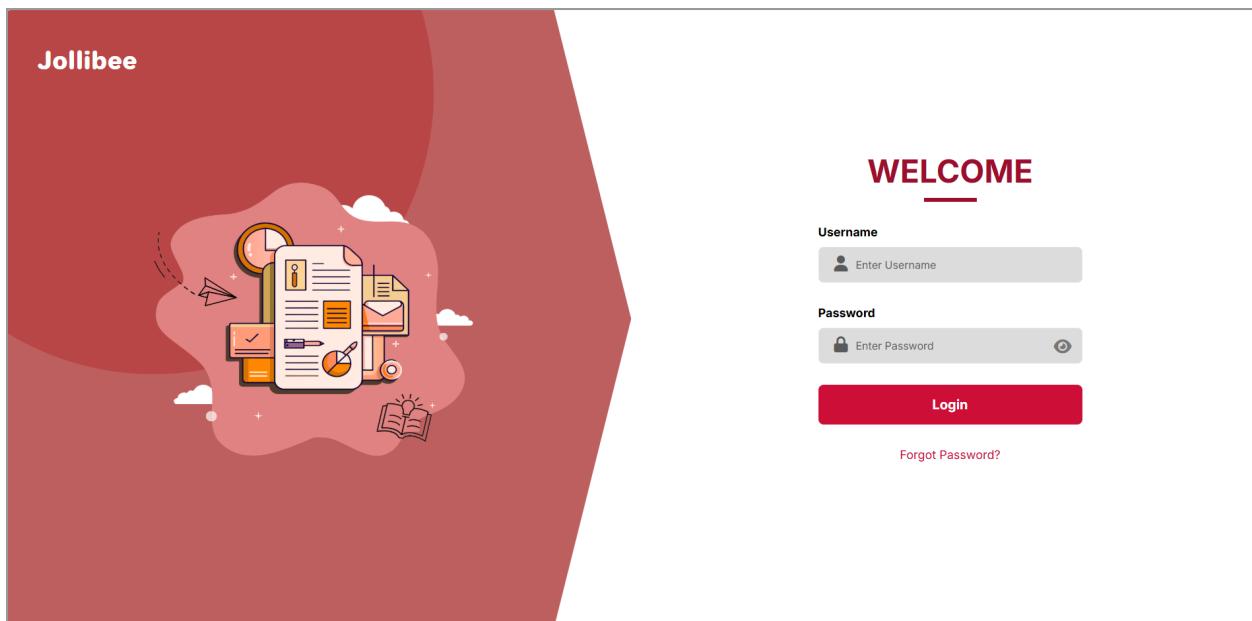


Figure 5.2.1: Landing Page of the System

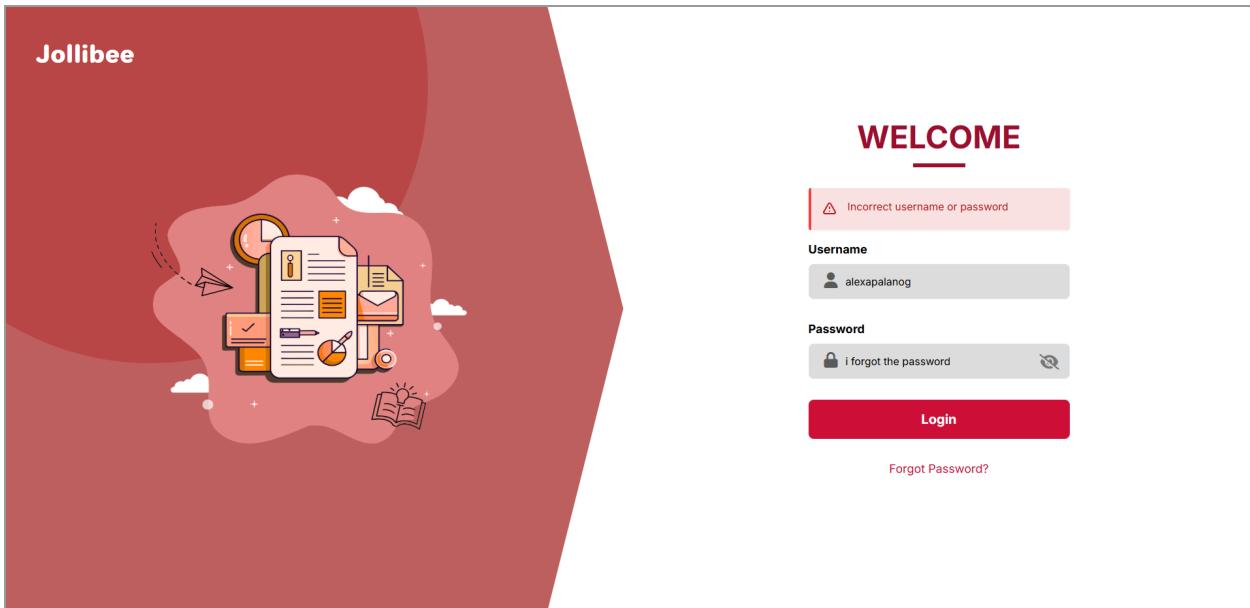


Figure 5.2.2: Incorrect Password or Username Notification on Landing Page

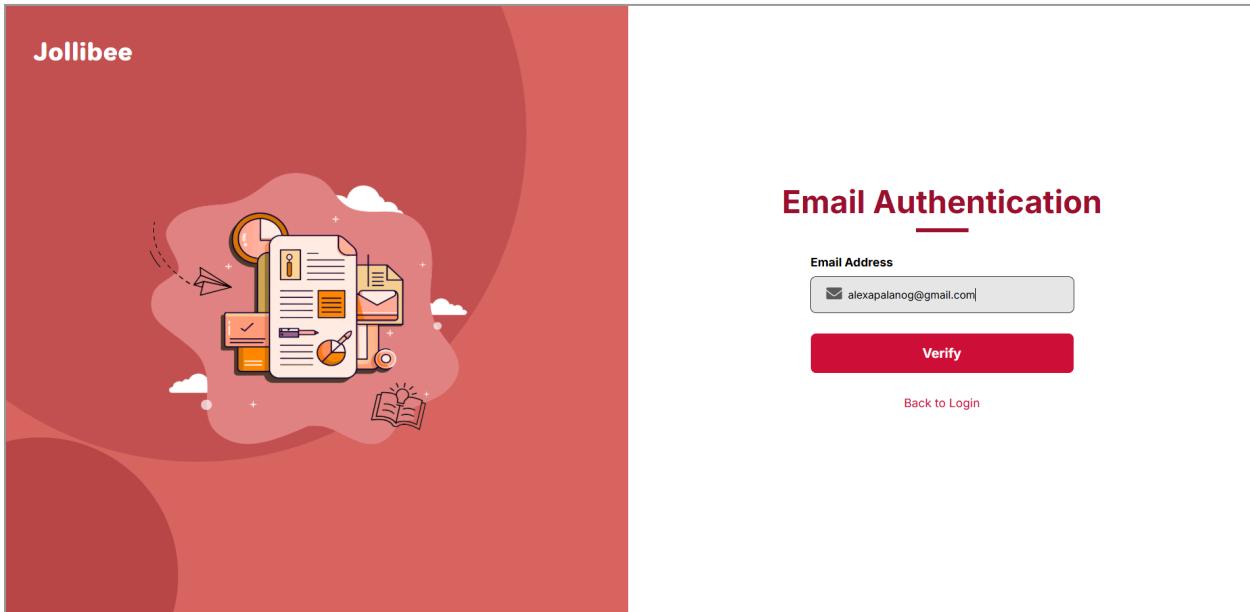


Figure 5.2.3 Email Authentication on Forgot Password Page

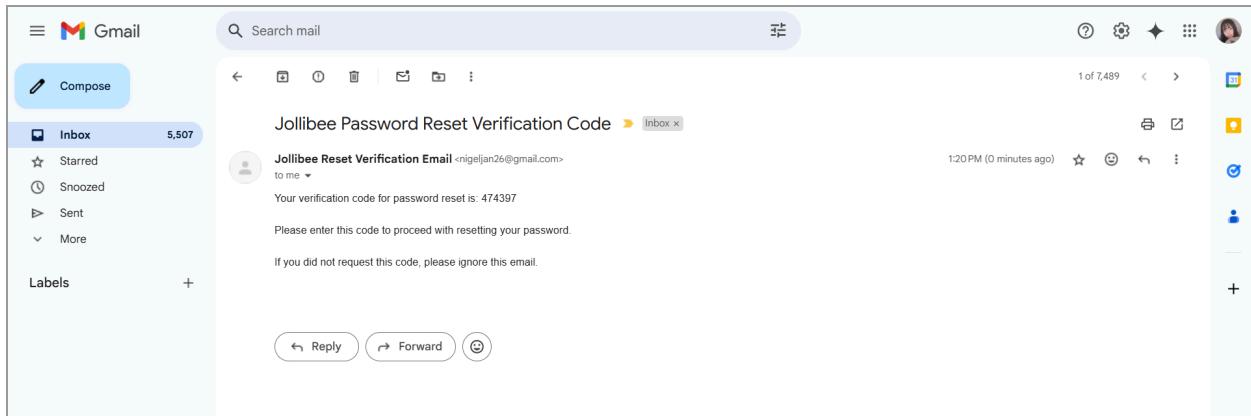


Figure 5.2.4 Verification Code Sent on Personal Email

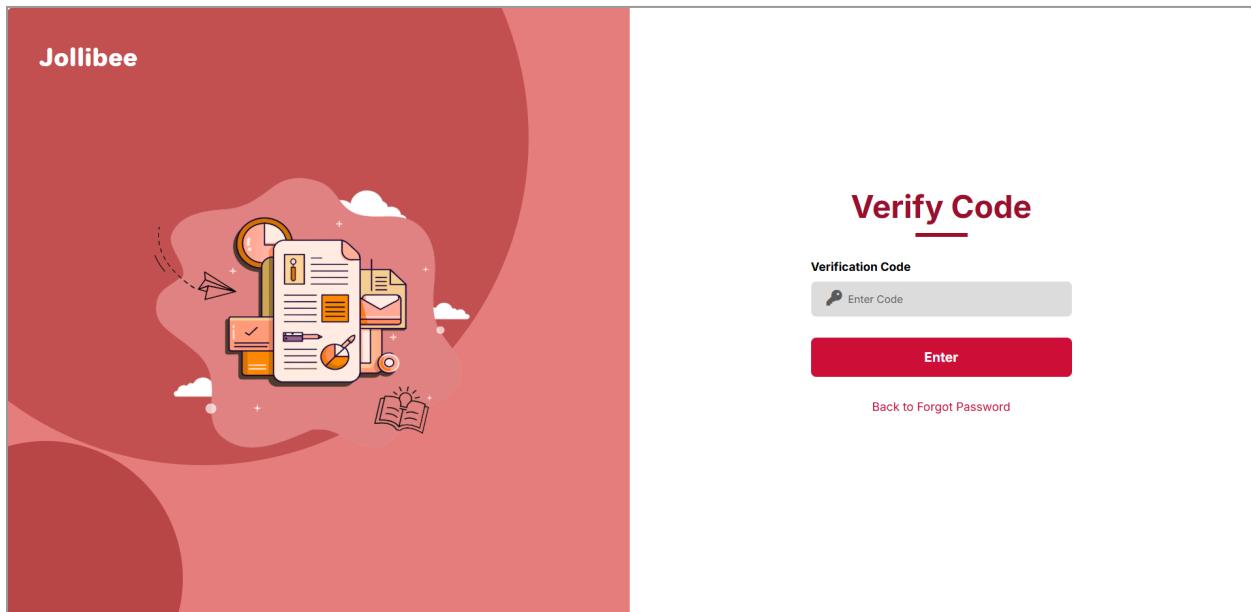


Figure 5.2.5 Enter Verification Code on Forgot Password Page

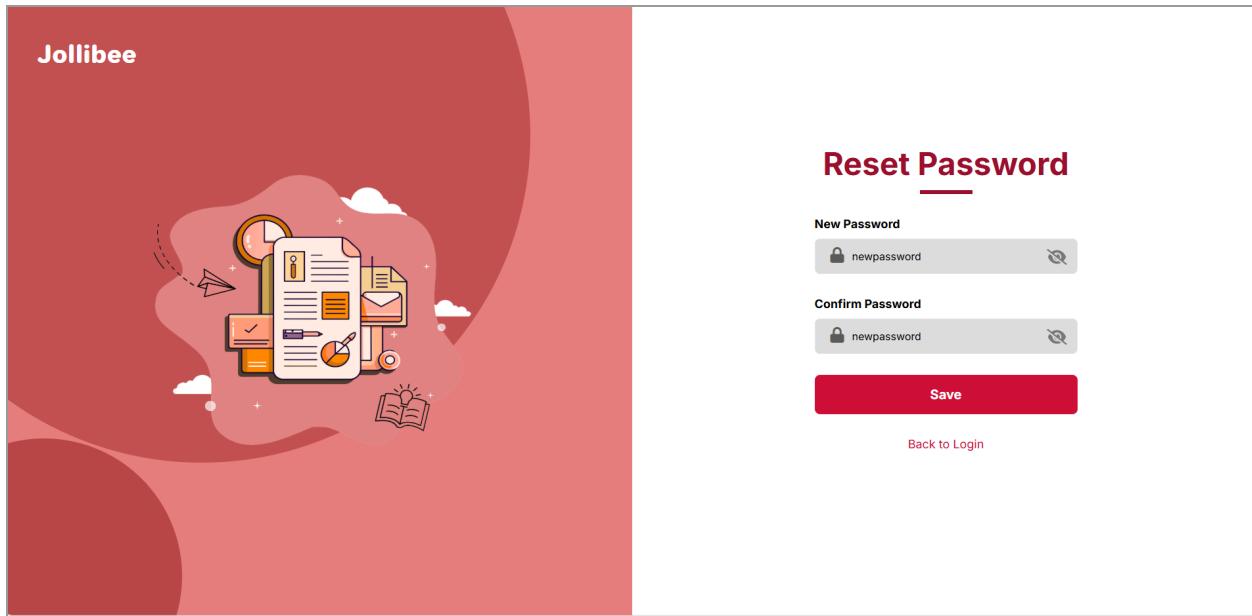


Figure 5.2.6: Reset Password on Forgot Password Page

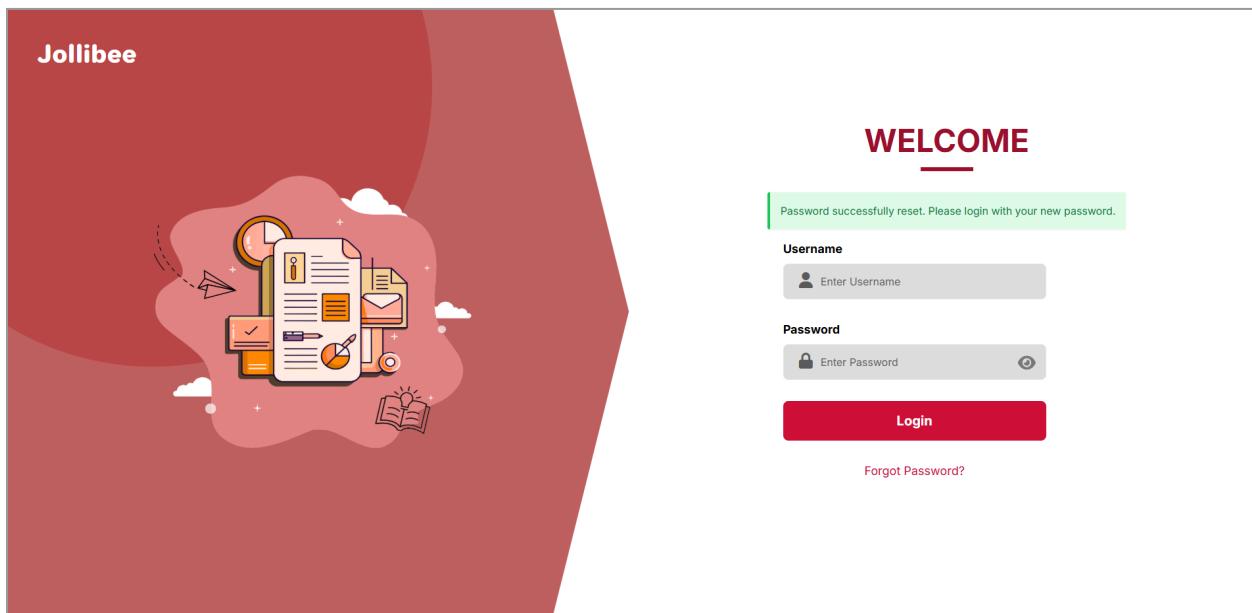


Figure 5.2.7: Password Successfully Reset Notification on Landing Page

HR Admin Interfaces

The screenshot shows the 'Employees' section of the HR Admin interface. The left sidebar has a red header 'Jollibee' and a 'Employees' tab selected. The main area has a yellow header 'Employees' with a search bar and buttons for 'Filter', 'Show Managers', and '+ Add Employee'. Below is a table with columns: Name, Position, Status, and Action. The table lists seven employees: Eric S De Guzman (Dining, Active), Alexandra Antonette P. Palanog (Kitchen, Active), Aaron James Dela Rosa Jayin (Dining, Active), Joshua G. Serrano (Kitchen, Active), Rhylo E. Tahari (Dining, For End of Contract), John Carl A. Espiritu (Dining, For End of Contract), and Zaellah S. Tuas (Counter, Active). At the bottom, it says 'Showing 1 to 7 of 30 entries' and has a page navigation bar.

Name	Position	Status	Action
Eric S De Guzman	Dining	Active	<button>Edit</button> <button>View</button> ...
Alexandra Antonette P. Palanog	Kitchen	Active	<button>Edit</button> <button>View</button> ...
Aaron James Dela Rosa Jayin	Dining	Active	<button>Edit</button> <button>View</button> ...
Joshua G. Serrano	Kitchen	Active	<button>Edit</button> <button>View</button> ...
Rhylo E. Tahari	Dining	For End of Contract	<button>Edit</button> <button>View</button> ...
John Carl A. Espiritu	Dining	For End of Contract	<button>Edit</button> <button>View</button> ...
Zaellah S. Tuas	Counter	Active	<button>Edit</button> <button>View</button> ...

Figure 5.2.8: Employee Dashboard

This screenshot is identical to Figure 5.2.8, showing the Employee Dashboard. However, a user profile menu is open for the employee Alexandra Palanog. The menu includes a profile picture, the name 'Alexandra Palanog', and two buttons: 'Sign out' and 'Edit Profile'.

Figure 5.2.9: User Profile Menu on Employee Dashboard

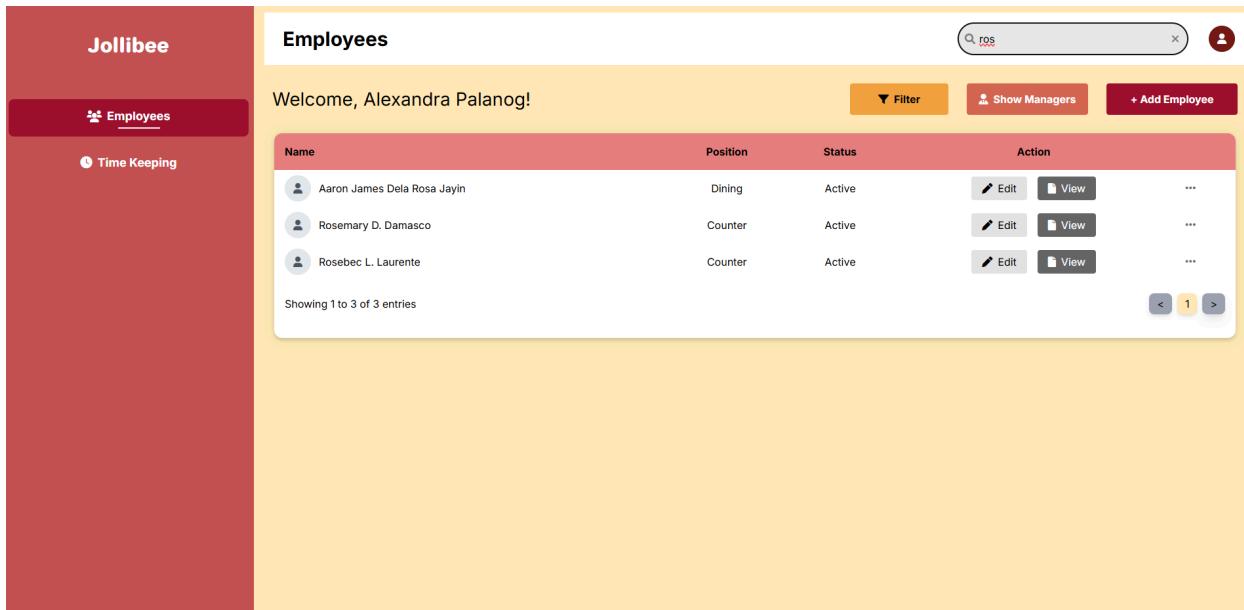


Figure 5.2.10: Search Functionality on Employee Dashboard

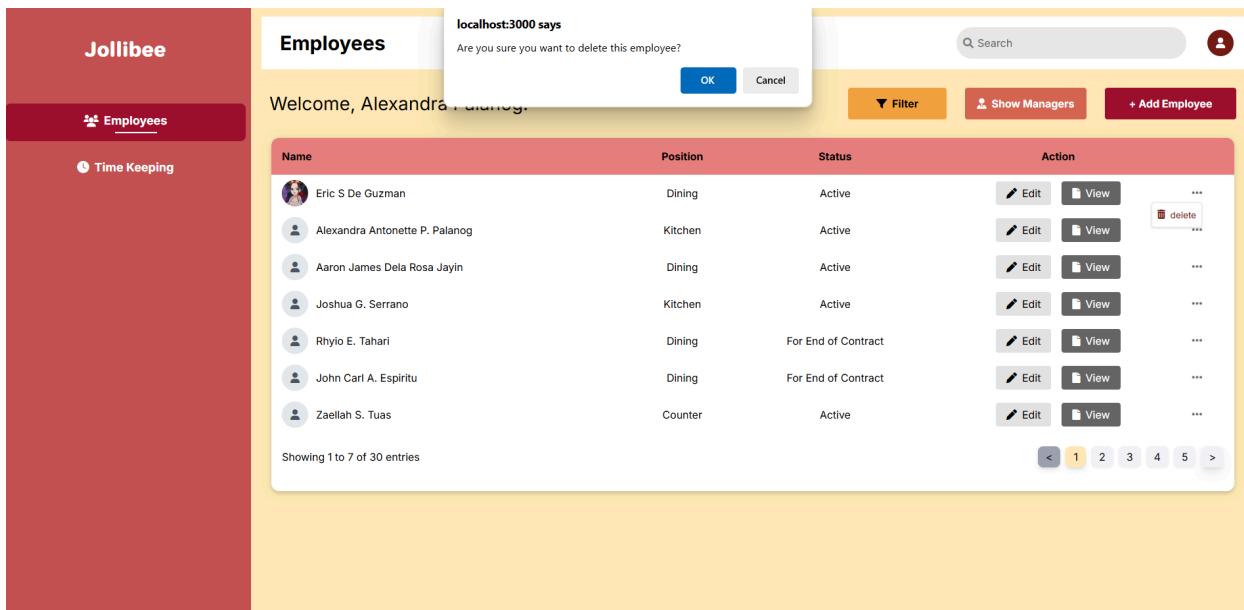


Figure 5.2.11: Delete Button and Confirmation Window on Employee Dashboard

Name	Position	Status	Action
Eric S De Guzman	Dining	Active	<button>Edit</button> <button>View</button> ...
Aaron James Dela Rosa Jayin	Dining	Active	<button>Edit</button> <button>View</button> ...
Joshua G. Serrano	Kitchen	Active	<button>Edit</button> <button>View</button> ...
Rhylo E. Tahari	Dining	For End of Contract	<button>Edit</button> <button>View</button> ...
John Carl A. Espiritu	Dining	For End of Contract	<button>Edit</button> <button>View</button> ...
Zaellah S. Tuas	Counter	Active	<button>Edit</button> <button>View</button> ...
Mark Vincent M. De Leon	Dining	Active	<button>Edit</button> <button>View</button> ...

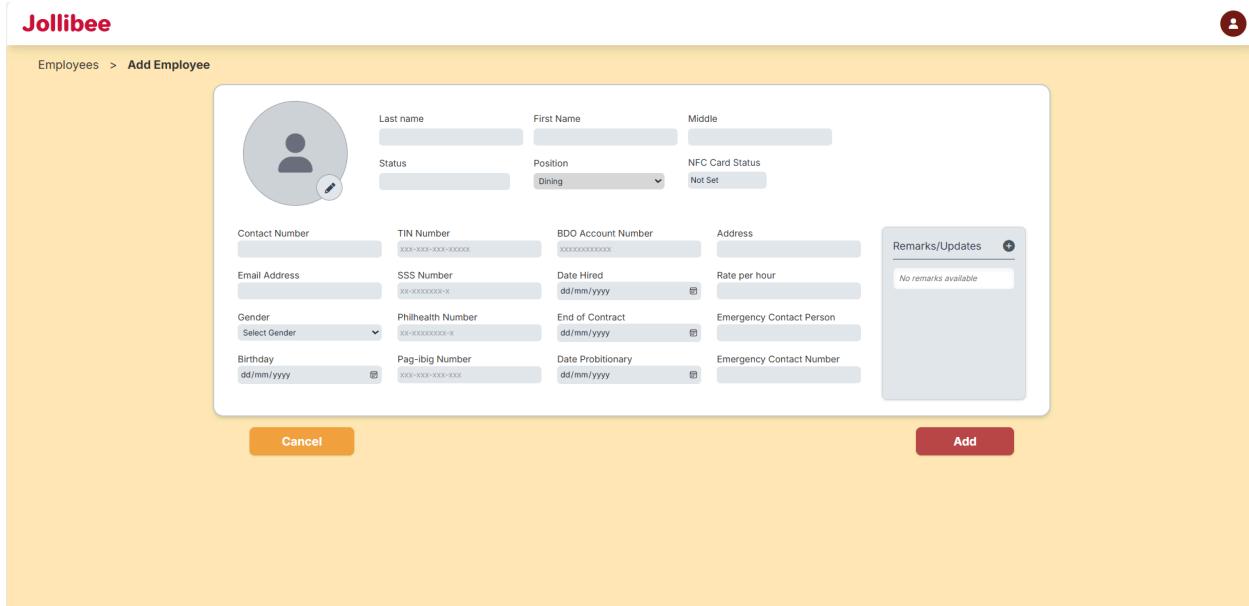
Showing 1 to 7 of 29 entries

Figure 5.2.12: Recently Deleted of Filter Button on Employee Dashboard

Name	Position	Status	Action
Alexandra Antonette P. Palanog	Kitchen	Active	<button>Restore</button>

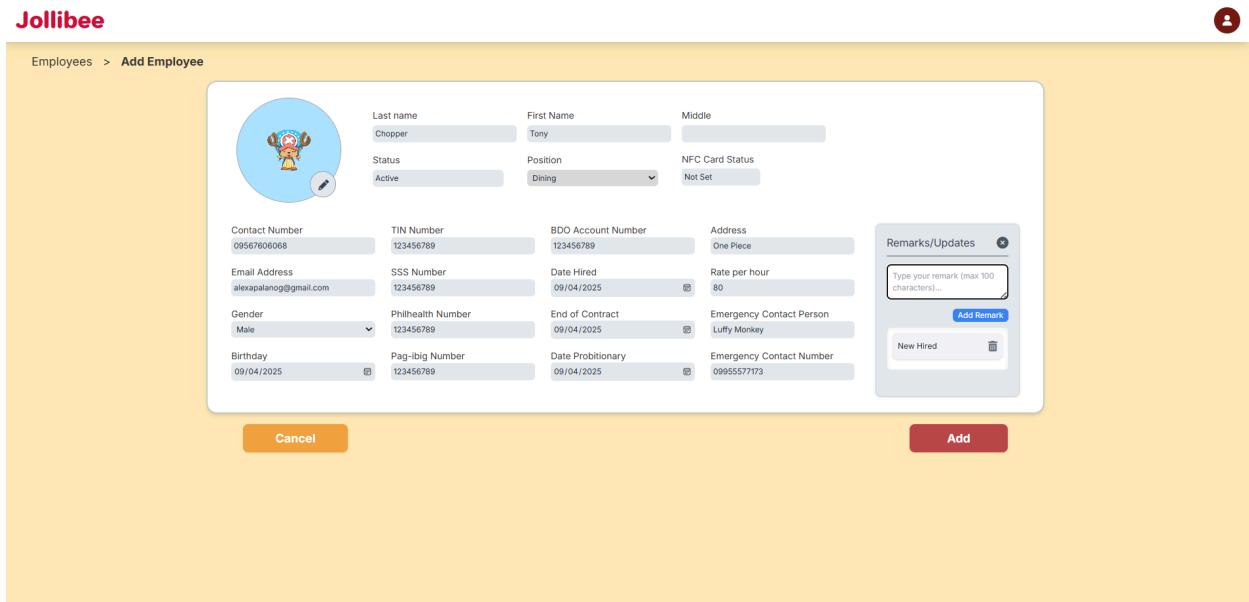
Showing 1 to 1 of 1 entries

Figure 5.2.13: Recently Deleted Employee Page



The screenshot shows a blank 'Add Employee' form. At the top left is a placeholder profile picture icon. Below it are sections for basic employee information: Last name, First name, Middle, Status (Active), Position (Dining), and NFC Card Status (Not Set). There are also fields for Contact Number, TIN Number, BDO Account Number, Address, Email Address, SSS Number, Date Hired, Rate per hour, Gender (Select Gender dropdown), Philhealth Number, End of Contract, Emergency Contact Person, Birthday, Pag-Ibig Number, Date Probationary, Emergency Contact Number, and a Remarks/Updates section which currently says 'No remarks available'. At the bottom are 'Cancel' and 'Add' buttons.

Figure 5.2.14: Blank Add Employee Page



The screenshot shows the same 'Add Employee' form but with sample data filled in. The profile picture is replaced by a cartoon character of Chopper from One Piece. The basic information is: Last name (Chopper), First name (Tony), Middle (), Status (Active), Position (Dining), and NFC Card Status (Not Set). The contact details are: Contact Number (09567606068), TIN Number (123456789), BDO Account Number (123456789), Address (One Piece), Email Address (alexapalanog@gmail.com), SSS Number (123456789), Date Hired (09/04/2025), Rate per hour (80), Gender (Male), Philhealth Number (123456789), End of Contract (09/04/2025), Emergency Contact Person (Luffy Monkey), Birthday (09/04/2025), Pag-Ibig Number (123456789), Date Probationary (09/04/2025), and Emergency Contact Number (09955577773). The Remarks/Updates section contains a single remark: 'New Hired'. The 'Add' button is visible at the bottom.

Figure 5.2.15: Completed Add Employee Page with Sample Data

Figure 5.2.16: Edit Employee Page

Figure 5.2.17: View Employee Page

The screenshot shows the 'Evaluate Employee' interface for Eric De Guzman. At the top, there's a navigation bar: 'Employees > View Employee > Evaluate Employee'. Below it is a header with Eric's profile picture, name ('Eric De Guzman'), title ('★ Dining'), status ('Status: Active'), hire date ('Date Hired: 2025-04-07'), and contract end date ('End of Contract: 2025-04-12'). The main content area has a table for rating parameters. The first row shows a parameter '1. Job Knowledge and Skills:' with a list of bullet points: 'Understands and follows company policies and procedures.', 'Demonstrates strong knowledge of food safety regulations.', 'Shows proficiency in managing inventory and supplies.', and 'Exhibits skills in team leadership and training.' To the right of the parameter is a 'Rating' section with five options: 'Exceptional' (filled circle), 'Highly Effective' (outline circle), 'Proficient' (outline circle), 'Inconsistent' (outline circle), and 'Unsatisfactory' (outline circle). Below the table is a 'Remarks/Comments:' text area and a navigation bar showing 'Showing 1 to 11 questions' with numbered buttons from 1 to 11. A 'Cancel' button is on the left and a 'Done' button is on the right.

Figure 5.2.18: Evaluate Employee First Page

This screenshot shows the final page of the evaluation for Eric De Guzman. The layout is identical to Figure 5.2.18, with the same header and navigation. The table contains one row for '11. Non-disclosure Agreement:' which includes a list of bullet points about ensuring confidential information. The 'Rating' section shows the 'Unsatisfactory' option selected. The navigation bar indicates 'Showing 11 to 11 questions'. The 'Cancel' and 'Done' buttons are present at the bottom.

Figure 5.2.19: Evaluate Employee Last Page

The screenshot shows the 'View Employee Evaluation' page for Eric De Guzman. At the top, it displays his profile picture, name, status (Active), date hired (2025-04-07), and end of contract (2025-04-12). Below this is a table with 11 rows, each representing a performance category with its description and a rating scale from 1 to 5. The categories are:

- 1. Job Knowledge and Skills**: Understands and follows company policies and procedures; Demonstrates strong knowledge of food safety regulations; Shows proficiency in managing inventory and supplies; Exhibits skills in team leadership and training.
- 2. Customer Service**: Provides excellent customer service at all times; Handles customer complaints effectively and in a timely manner; Ensures that the team delivers exceptional service to customers.
- 3. Teamwork and Communication**: Collaborates effectively with other team members.
- 4. Time Management and Organization**: Manages time efficiently to meet deadlines and goals; Organizes tasks effectively to maintain a smooth operation; Prioritizes tasks appropriately to ensure productivity.
- 5. Problem-Solving and Decision Making**: Identifies issues promptly and implements solutions; Makes effective decisions under pressure; Demonstrates critical thinking skills in resolving challenges.
- 6. Integrity and Ethical Behavior**: Demonstrates honesty and integrity in all interactions; Upholds ethical standard and values of the company; Maintains confidentiality of sensitive information and respects the Non-Disclosure Agreement (NDA).
- 7. Performance Goals**: Review the Assistant Manager's performance against the goals set in the previous evaluation period.
- 8. Overall Performance**: Rate the Assistant Manager's overall performance based on the evaluation criteria; Provide comments and feedback on strengths and areas for development.
- 9. Development Plan**: Identify areas for improvement and development; Set goals and actions for the next evaluation period; Discuss training opportunities and support needed for growth.
- 10. Employee Comments**: Provide the Assistant Manager with an opportunity to share their thoughts on their performance; Encourage feedback on their role, challenges, and suggestions for improvement.
- 11. Non-disclosure Agreement**: To ensure confidential information shall remain confidential, information technical or non-technical or description concerning any matters affecting business or operation of company.

Each row includes a rating scale from 1 to 5, where 5 is highlighted in orange. The bottom of the page features navigation buttons: 'Back', 'Check History', and 'Download PDF'.

Figure 5.2.20: View Employee Evaluation Page

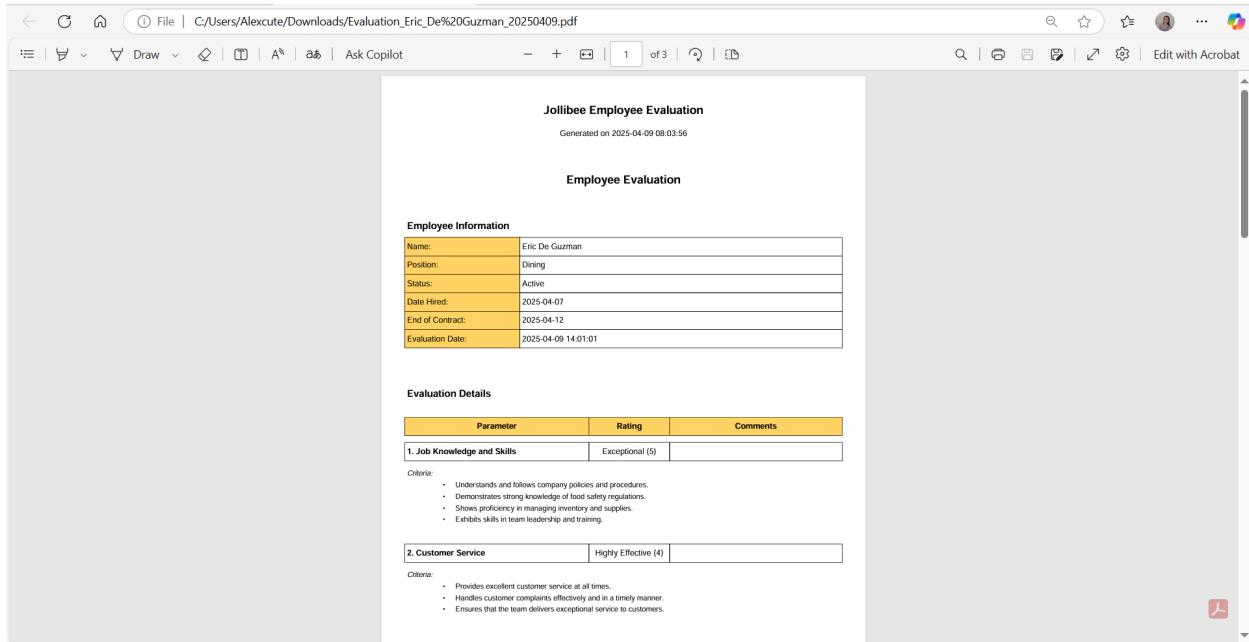


Figure 5.2.21: Downloaded Employee Evaluation Sample

The screenshot shows the "Evaluation History" page for employee "Eric S". The page title is "Evaluation History for De Guzman, Eric S". It displays the following information for the latest evaluation:

- Evaluation - 2025-04-09 14:01:01**
- Job Knowledge:** Exceptional
- Teamwork:** Exceptional
- Customer Service:** Highly Effective
- Overall Performance:** Exceptional

At the bottom of the card, there are "Edit" and "Delete" buttons, and a "Back to Latest Evaluation" link.

Figure 5.2.22: Employee Evaluation History Page

Edit Evaluation for De Guzman, Eric S

Job Knowledge Rating	Comments
Exceptional	
Customer Service Rating	Comments
Highly Effective	
Teamwork Rating	Comments
Exceptional	
Time Management Rating	Comments
Highly Effective	
Problem Solving Rating	Comments
Proficient	
Integrity Rating	Comments
Highly Effective	

Figure 5.2.23: Edit Evaluation on Employee Evaluation History

Time Keeping

Welcome, Alexandra Palanog!

Name	Check In	Check Out	Break Duration (mins)	Total/Target hours	Late (mins)	Status	Remarks	Action
John Paul B. Jamer	7:35 AM	4:35 PM	45	8.25/8	0	Present	hello	
Abdul Hakim P. Macalandong	--:--	--:--	--	--/8	0	Absent	hello	
Ezekiel L. Villanueva	--:--	--:--	--	--/8	0	Rest Day	--	
Ranchelle O. Gacilio	--:--	--:--	--	--/8	0	Absent	--	
Jobelyn R. Guisado	--:--	--:--	--	--/8	0	Leave	--	
Ramon Christopher G. Alicaya	--:--	--:--	--	--/8	0	Absent	--	
Happie Anne S. Alcantara	--:--	--:--	--	--/8	0	Absent	--	

Showing 1 to 7 of 30 entries

Figure 5.2.24: Time Keeping Dashboard

The screenshot shows the 'Time Keeping' dashboard for Jollibee. The left sidebar has sections for 'Employees' and 'Time Keeping'. The main area is titled 'Time Keeping' and displays a welcome message 'Welcome, Alexandra Palanog!'. It includes a search bar, a date selector set to '09-Apr-2025', and a dropdown menu for 'Regular Holiday' which is currently set to 'Ordinary'. The table lists employees with their names, check-in times (e.g., 7:35 AM), check-out times (e.g., 4:35 PM), break durations (e.g., 45 minutes), total target hours (e.g., 8.25/8), late minutes (e.g., 0), status (e.g., Present, Absent, Rest Day), remarks (e.g., hello), and actions (e.g., Edit). A footer indicates 'Showing 1 to 7 of 30 entries'.

Name	Check In	Check Out	Break Duration (mins)	Total/Target hours	Late (mins)	Status	Remarks	Action
John Paul B. Jamera	7:35 AM	4:35 PM	45	8.25/8	0	Present	hello	Edit
Abdul Hakim P. Macalandong	--:--	--:--	--	--/8	0	Absent	hello	Edit
Ezekiel L. Villanueva	--:--	--:--	--	--/8	0	Rest Day	--	Edit
Ranchelle O. Gacilo	--:--	--:--	--	--/8	0	Absent	--	Edit
Jobelyn R. Guisado	--:--	--:--	--	--/8	0	Leave	--	Edit
Ramon Christopher G. Alicaya	--:--	--:--	--	--/8	0	Absent	--	Edit
Happie Anne S. Alcantara	--:--	--:--	--	--/8	0	Absent	--	Edit

Figure 5.2.25: Type of Day Dropdown on Time Keeping Dashboard

This screenshot shows the same 'Time Keeping' dashboard as Figure 5.2.25, but it highlights the editing process for the first employee, John Paul B. Jamera. The 'Edit' button for his row is now highlighted in green. The table columns include Name, Check In, Check Out, Break Duration (mins), Total/Target hours, Late (mins), Status, Remarks, and Action. The 'Check In' field for John Paul B. Jamera is currently set to 07:35 am, and the 'Check Out' field is set to 04:35 pm. The 'Edit' button for this specific row is also highlighted in green.

Figure 5.2.26: Edit Action on Time Keeping Dashboard

Name	Check In	Check Out	Break Duration (mins)	Total/Target hours	Late (mins)	Status	Remarks	Action
John Paul B. Jamera	07:35 am	04:35 pm	45	8.25/8	0	Present	holiday today	<button>Save</button> <button>Cancel</button>
Abdul Hakim P. Macalandong	--:--	--:--	--	--/8	0	Absent	hello	<button>Edit</button>
Ezekiel L. Villanueva	--:--	--:--	--	--/8	0	Rest Day	--	<button>Edit</button>
Ranchelle O. Gacilio	--:--	--:--	--	--/8	0	Absent	--	<button>Edit</button>
Jobelyn R. Guisado	--:--	--:--	--	--/8	0	Leave	--	<button>Edit</button>
Ramon Christopher G. Alicaya	--:--	--:--	--	--/8	0	Absent	--	<button>Edit</button>
Happie Anne S. Alcantara	--:--	--:--	--	--/8	0	Absent	--	<button>Edit</button>

Showing 1 to 7 of 30 entries

Figure 5.2.27: Edit Remarks Action on Time Keeping Dashboard

Name	Check In	Check Out	Break Duration (mins)	Total/Target hours	Late (mins)	Status	Remarks	Action
John Paul B. Jamera	7:40 AM	4:35 PM	45	8.17/8	0	Present	holiday to...	<button>Edit</button>
Abdul Hakim P. Macalandong	--:--	--:--	--	--/8	0	Absent	hello	<button>Edit</button>
Ezekiel L. Villanueva	--:--	--:--	--	--/8	0	Rest Day	--	<button>Edit</button>
Ranchelle O. Gacilio	--:--	--:--	--	--/8	0	Absent	--	<button>Edit</button>
Jobelyn R. Guisado	--:--	--:--	--	--/8	0	Leave	--	<button>Edit</button>
Ramon Christopher G. Alicaya	--:--	--:--	--	--/8	0	Absent	--	<button>Edit</button>
Happie Anne S. Alcantara	--:--	--:--	--	--/8	0	Absent	--	<button>Edit</button>

Showing 1 to 7 of 30 entries

Figure 5.2.28: Updated Time Keeping Dashboard

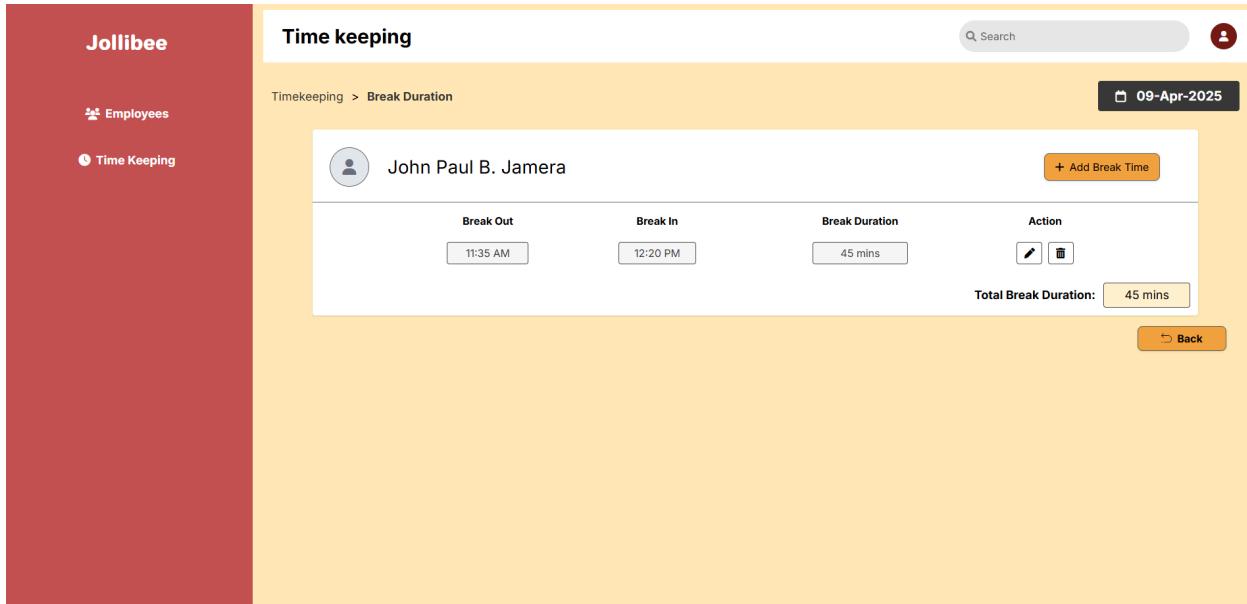


Figure 5.2.29: Individual Employee Break Duration Page

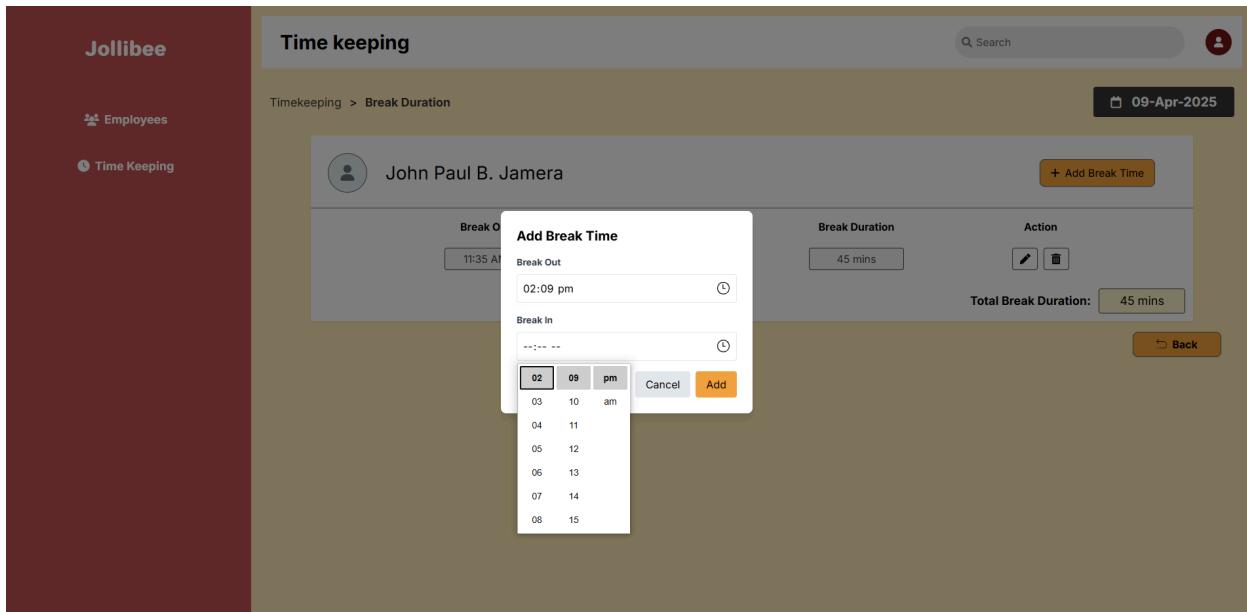


Figure 5.2.30: Edit Action on Individual Employee Break Duration Page

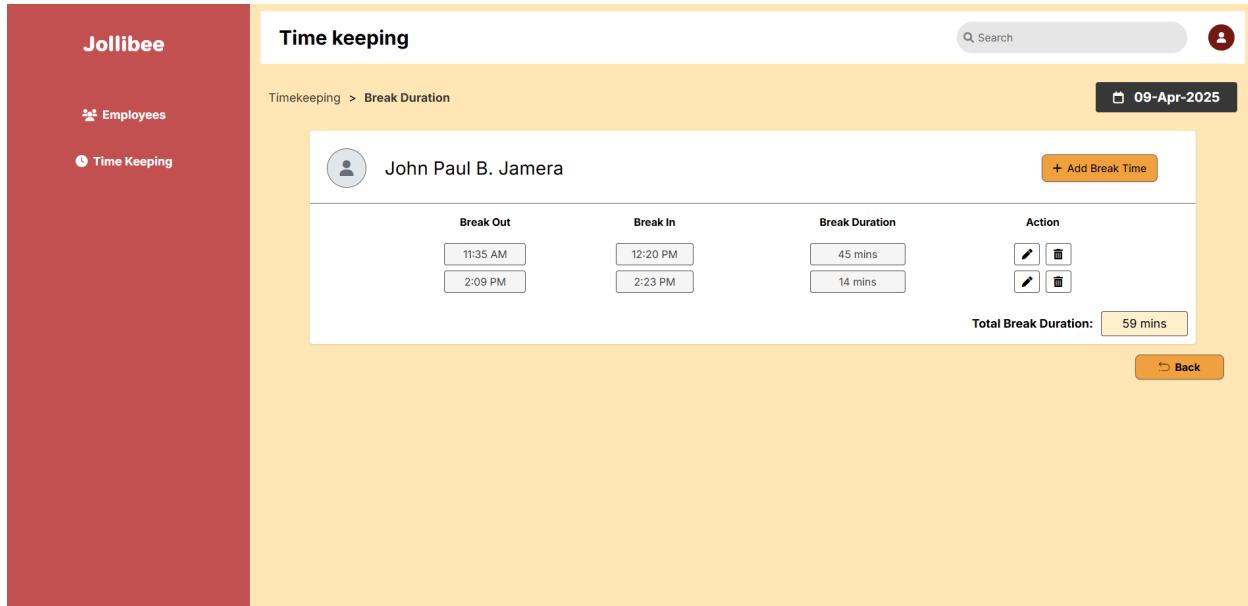


Figure 5.2.31: Updated Individual Employee Break Duration Page

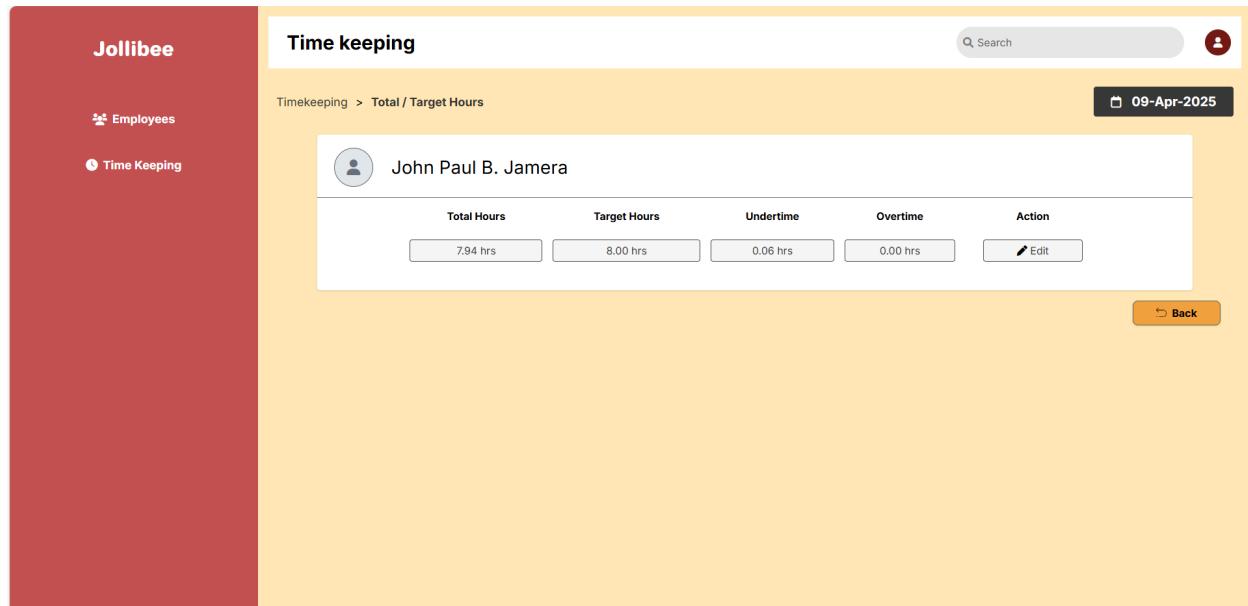


Figure 5.2.32: Individual Employee Total Target Hours Page

The screenshot shows a software interface for managing employee timekeeping. On the left, a sidebar has a red background with the 'Jollibee' logo at the top, followed by 'Employees' and 'Time Keeping' icons. The main area has a yellow header with the title 'Time keeping'. Below the header, a breadcrumb navigation shows 'Timekeeping > Total / Target Hours'. The date '09-Apr-2025' is displayed in the top right corner. A search bar with a magnifying glass icon and a user profile icon are also present. The main content area displays a form for 'John Paul B. Jamera'. The form includes fields for 'Total Hours' (7.94 hrs), 'Target Hours' (8), 'Undertime' (0.06), and 'Overtime' (0). Buttons for 'Save' and 'Cancel' are at the bottom right of the form. A 'Back' button is located at the bottom right of the main content area.

Figure 5.2.33: Edit Action on Individual Employee Total Target Hours Page

The screenshot shows a software interface for managing employee timekeeping. On the left, a sidebar has a red background with the 'Jollibee' logo at the top, followed by 'Employees' and 'Time Keeping' icons. The main area has a yellow header with the title 'Time keeping'. Below the header, a breadcrumb navigation shows 'Timekeeping > Time Logs History'. The date '09-Apr-2025' is displayed in the top right corner. A search bar with a magnifying glass icon and a user profile icon are also present. The main content area displays a table for 'Abdul Hakim P. Macalandong'. The table has columns for Date, Check In, Check Out, Break Duration (mins), Total/Target hours, Status, Late, Type of Day, Remarks, and Action. The table shows six records for April 2025. The first record is marked as 'Absent' with a status of 'Absent'. The second record is marked as 'Late' with a status of 'Late'. The third record is marked as 'Absent' with a status of 'Absent'. The fourth record is marked as 'Present' with a status of 'Present'. The fifth record is marked as 'Absent' with a status of 'Absent'. The sixth record is marked as 'Absent' with a status of 'Absent'. A 'Sort By' dropdown menu is set to 'Date (Newest First)'. At the bottom of the table, it says 'Showing 6 records for April 2025'. Navigation buttons for 'March 2025', 'April 2025', and 'May 2025' are shown. A 'Back' button is located at the bottom right of the main content area.

Figure 5.2.34: Individual Employee Time Logs History Page

The screenshot shows a software interface for managing employee time logs. On the left, a sidebar has sections for 'Employees' and 'Time Keeping'. The main area is titled 'Time keeping' and shows a list of time logs for 'Abdul Hakim P. Macalandong'. The table includes columns for Date, Check In, Check Out, Break Duration (mins), Total/Target hours, Status, Late, Type of Day, Remarks, and Action. A dropdown menu 'Sort By' is open, showing options: Date (Newest First), Date (Newest First), and Date (Oldest First). The date range at the bottom indicates records from April 2025.

Date	Check In	Check Out	Break Duration (mins)	Total/Target hours	Status	Late	Type of Day	Remarks	Action
2025-04-09	--:--	--:--	--	--/8	Absent	0	Regular Holiday	hello	<input type="button" value="Edit"/>
2025-04-08	10:13 PM	11:13 PM	--	1.00/8	Late	62	Ordinary	hiii	<input type="button" value="Edit"/>
2025-04-07	12:26 PM	9:26 PM	--	9.00/8	Absent	0	Regular Holiday	late	<input type="button" value="Edit"/>
2025-04-06	2:53 PM	1:58 PM	--	23.08/8	Present	0	Regular Holiday	--	<input type="button" value="Edit"/>
2025-04-04	10:28 PM	10:27 AM	--	11.98/8	Absent	0	Regular Holiday	--	<input type="button" value="Edit"/>
2025-04-03	1:13 AM	1:13 PM	--	12.00/8	Absent	0	Ordinary	--	<input type="button" value="Edit"/>

Figure 5.2.35: Sort By Dropdown on Individual Employee Time Logs History Page

The screenshot shows a summary view of employee time logs across a specified pay period. The top navigation bar includes a 'PAY PERIOD' dropdown set to 'Mar 29, 2025 - Apr 13, 2025'. The main content is a grid where each row represents an employee and each column represents a specific day of the month. The grid includes columns for Employee Name, Date, and various time log details. A legend at the top right identifies symbols for Absent, Rest Day, and Rest Day OT. The total hours worked for each employee are listed in the last column.

Employee Name	12	Apr 03 Thu	Apr 04 Fri	Apr 05 Sat	Apr 06 Sun	Apr 07 Mon	Apr 08 Tue	Apr 09 Wed	Apr 10 Thu	Apr 11 Fri	Apr 12 Sat	Apr 13 Sun	Total Hours	
Abdul Hakim Macalandong	VT	ABSENT	ABSENT	ABSENT	23.1	ABSENT	1.0	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	60.1
John Paul Jamera	VT	ABSENT	ABSENT	8.9										
Ezekiel Villanueva	VT	ABSENT	ABSENT	ABSENT	ABSENT	23.0	ABSENT	REST DAY	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	23.0
Ranchelle Gacilo	VT	ABSENT	ABSENT	0.0										
Jobelyn Guisado	VT	24.0	ABSENT	ABSENT	24.0									
Ramon Christopher Alicaya	VT	ABSENT	ABSENT	0.0										
Happle Anne Alcantara	VT	ABSENT	ABSENT	0.0										
Bryan Zacarias	VT	ABSENT	ABSENT	0.0										
Daniel John Olithao	VT	ABSENT	ABSENT	0.0										
Prince Jhed Mlok	VT	ABSENT	ABSENT	0.0										
Reymat Lopez	VT	ABSENT	ABSENT	0.0										

Figure 5.2.36: Summarize Time Keeping Page

Figure 5.2.37: Period Dropdown on Summarize Time Keeping Page

	A1	B1	C1	D1	E1	F1	G1	H1	I1	J1	K1	L1	M1	N1	O1	P1	Q1	R1	S1	T1	U1	V1	W1
1	Employee	Mar 29 (Sa)	Mar 30 (Su)	Mar 31 (Mc)	Apr 01 (Tu)	Apr 02 (We)	Apr 03 (Th)	Apr 04 (Fr)	Apr 05 (Sat)	Apr 06 (Su)	Apr 07 (Mo)	Apr 08 (Tu)	Apr 09 (We)	Apr 10 (Th)	Apr 11 (Fr)	Apr 12 (Sat)	Apr 13 (Sun)	Total Hours					
2	Abdul Hakim Mac...	ABSENT	ABSENT	23.1	ABSENT	1	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	60.1							
3	John Paul Jamer...	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	8.9							
4	Ezekiel Villanueva	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	23.0							
5	Ranchelle Gacilo	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
6	Jobelyn Guisado	ABSENT	24.0	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	24.0							
7	Ramon Christopher Alicaya	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
8	Happie Anne Alcantara	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
9	Bryan Zaccarias	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
10	Daniel John Ollithao	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
11	Prince Jhed Miok	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
12	Reymat Lopez	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
13	Daisy Lee	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
14	Roseber L	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
15	Renan Juli	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
16	Rosemary	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
17	Mark John	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
18	John Carlo	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
19	Johnmark	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
20	Abdul Bohi	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
21	Yashriya D	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
22	Joshua Du	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
23	Sarah Alan	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
24	Mark Vinc	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
25	Zaelah Tu	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
26	John Carl F	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
27	Rhylo Taha	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							
28	Joshua Se	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT	0.0							

Figure 5.2.38: Downloaded Summarize Time Keeping Sample

Accountant Admin Interfaces

The screenshot shows the Payroll dashboard interface. On the left, a sidebar menu for 'Jollibee' includes 'Employees', 'Time Keeping', and 'Payroll' (which is currently selected). The main area is titled 'Payroll' and displays a welcome message: 'Welcome, Eric De Guzman!'. Below this is a 'Payroll Period' section showing 'Mar 29, 2025 to Apr 13, 2025'. The main content is a table listing employees with their details:

Name	Position	Total Hours	Gross Salary	Action
Abdul Hakim P. Macalandong	Kitchen	33.00	₱2,660.63	<button>Generate Payslip</button> ⋮
John Paul B. Jamera	Dining	7.94	₱0.00	<button>Generate Payslip</button> ⋮
Ezekiel L. Villanueva	Dining	8.00	₱0.00	<button>Generate Payslip</button> ⋮
Ranchelle O. Gacilio	Counter	0.00	₱0.00	<button>Generate Payslip</button> ⋮
Jobelyn R. Guisado	Kitchen	8.00	₱0.00	<button>Generate Payslip</button> ⋮
Ramon Christopher G. Alicaya	Counter	0.00	₱0.00	<button>Generate Payslip</button> ⋮
Happie Anne S. Alcantara	Counter	0.00	₱0.00	<button>Generate Payslip</button> ⋮

At the bottom, it says 'Showing 1 to 7 of 31 entries' and has navigation buttons from 1 to 5. The top right features a search bar and a 'Summarize' button.

Figure 5.2.39: Payroll Dashboard

This screenshot is similar to Figure 5.2.39, showing the Payroll dashboard. The user profile menu is open in the top right corner, displaying the user's name 'Eric De Guzman', a 'Sign out' button, and a gear icon for settings. The rest of the interface is identical to Figure 5.2.39, including the sidebar, welcome message, payroll period, employee list, and pagination controls.

Figure 5.2.40: User Profile Menu on Payroll Dashboard

Jollibee

Payroll > Generate Payslip

The screenshot shows the Jollibee Payroll System interface for generating a payslip. The top navigation bar includes a user icon and the text "Jollibee". Below it, the path "Payroll > Generate Payslip" is displayed. The main content area is titled "Abdul Hakim P. Macalandong" with the subtitle "★ Kitchen".

Employee Information:

- Daily Rate: ₱645.00
- Rate Per Hour: ₱80.625
- Regular Hours: 0.00 ₱0.00
- Ordinary Day Overtime: ₱100.78 0.00 ₱0.00
- Rest Day: ₱104.81 8.00 ₱838.50
- Restday Overtime: ₱136.26 4.00 ₱545.02
- Special Holiday Premium: ₱104.81 0.00 ₱0.00
- Special Holiday Overtime: ₱120.94 0.00 ₱0.00
- Special Holiday on Restday: ₱120.94 0.00 ₱0.00
- Special Holiday on RD Overtime: ₱157.22 0.00 ₱0.00
- Regular Holiday Premium: ₱161.25 8.00 ₱1290.00
- Regular Holiday Overtime: ₱209.63 15.08 ₱3161.14
- Regular Holiday on Restday: ₱209.63 0.00 ₱0.00
- Regular Holiday on Restday Overtime: ₱273.32 0.00 ₱0.00

Total OT Amount: ₱5834.66

Salary Deduction:

- Total OT Amount: ₱5834.66
- Withholding Tax: ₱0.00
- SSS Contribution: ₱150.00
- Philhealth Contribution: ₱291.73
- Pag-ibig Contribution: ₱0.00
- SSS Loan Payment: ₱0.00
- SSS Cal Loan Payment: ₱0.00
- Healthcard Payment: ₱0.00
- Product Charge (TRT): ₱0.00
- Miscellaneous Payment (SD): ₱0.00
- BDO Life Insurance: ₱0.00
- Cash Advance / Charges: ₱0.00

GROSS SALARY: ₱5834.66

TOTAL DEDUCTIONS: ₱441.73

SALARY ADJUSTMENT: ₱0.00

NET EMPLOYEE PAY: ₱5392.93

At the bottom, there are two buttons: "Return" (orange) and "Generate" (red).

Figure 5.2.41: Individual Employee Generate Payslip Page

The screenshot shows the Jollibee Payroll system interface. At the top, it says "Jollibee" and "Payroll > Download Payslip". The main content area displays the payslip for "Abdul Hakim P. Macalandong" in the Kitchen department. The payslip is divided into several sections:

- Employee Information:** Shows the employee's name, photo, and department.
- Timekeeping Summary:** Daily Rate (₱645.00), Rate Per Hour (₱80.630), Regular Hours (0.00), Ordinary Day Overtime (₱100.78), Rest Day (₱104.81), Restday Overtime (₱136.26), Special Holiday Premium (₱104.81), Special Holiday Overtime (₱120.94), Special Holiday on Restday (₱120.94), Special Holiday on RD Overtime (₱157.22), Regular Holiday Premium (₱161.25), Regular Holiday Overtime (₱209.63), Regular Holiday on Restday (₱209.63), and Regular Holiday on Restday Overtime (₱273.32).
- Overtime and Premium Pay:** Includes Ordinary Day Night Diff (₱8.06), Rest Day Night Diff (₱0.00), Special Holiday Night Diff (₱10.48), Special Holiday Rest Day Night Diff (₱0.00), Legal Holiday Night Diff (₱16.13), Total Night Diff Pay (₱0.00), Late (₱-1.34), Absences (₱-80.63), and Undertime (₱-1.34). Total Tardiness Amount is ₱0.00.
- Adjustments:** Adjustment Pay (₱0.00) and Leave Pay (₱0.00).
- Gross Salary:** Total OT Amount (₱5,834.66) and GROSS SALARY (₱5,834.66).
- Salary Deduction:** Total OT Amount (₱5,834.66) and a detailed breakdown of deductions including Withholding Tax (₱0.00), SSS Contribution (₱150.00), Philhealth Contribution (₱291.73), Pag-Ibig Contribution (₱0.00), SSS Loan Payment (₱0.00), SSS Cal Loan Payment (₱0.00), Healthcare Payment (₱0.00), Product Charge (TRT) (₱0.00), Miscellaneous Payment (SD) (₱0.00), BDO Life Insurance (₱0.00), and Cash Advance / Charges (₱0.00). Total Deductions are ₱441.73.
- Net Pay:** NET EMPLOYEE PAY (₱5,392.93).

At the bottom, there are buttons for "Return to Payroll", "Email PDF", and "Download PDF". A green notification bar at the top right says "Payslip emailed successfully to ericjuliandeguzman77@gmail.com."

Figure 5.2.42: Individual Employee Generated Payslip Page

The screenshot shows the Jollibee Payroll system interface. At the top, it says "Jollibee" and "Payroll > Download Payslip". The main content area displays the payslip for "Eric S De Guzman" in the Dining department. The payslip structure is identical to Figure 5.2.42, with sections for employee information, timekeeping summary, overtime pay, adjustments, gross salary, salary deduction, and net pay. The total OT amount is ₱350.72 and the gross salary is ₱995.72. A green notification bar at the top right says "Payslip emailed successfully to ericjuliandeguzman77@gmail.com."

Figure 5.2.43: Payslip Email Sent Notification on Generated Payslip Page

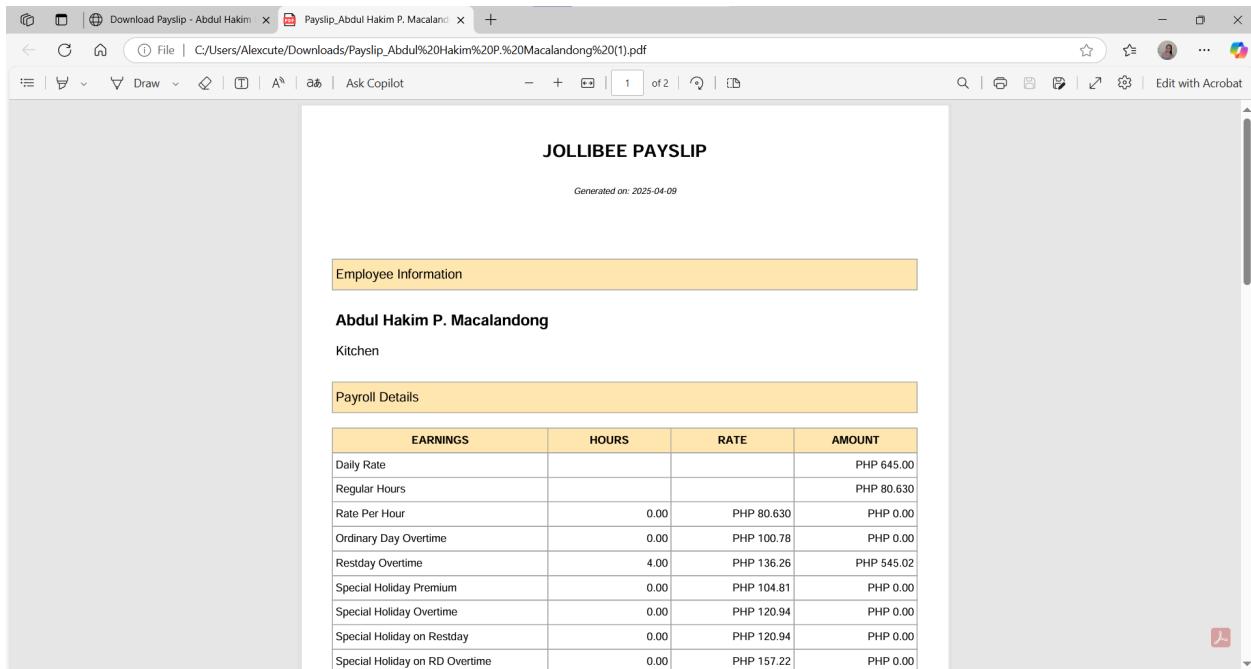


Figure 5.2.44: Downloaded Employee Payslip Sample

The screenshot shows the Jollibee payroll system interface. It displays a list of salary deductions for Abdul Hakim P. Macalandong, including Pag-ibig Contribution, Product Charge (TRT), SSS Cal Loan Payment, Miscellaneous Payment (SD), Healthcare Payment, and BDO Life Insurance, each with its corresponding amount.

Salary Deductions			
Pag-ibig Contribution	1,234.00₱	Product Charge (TRT)	234.00₱
Miscellaneous Payment (SD)	234.00₱	Healthcare Payment	234.00₱
		SSS Cal Loan Payment	234.00₱
		BDO Life Insurance	234.00₱

Figure 5.2.45: Individual Employee Salary Deductions Page

The screenshot shows a web-based payroll system interface for Jollibee. At the top, there's a navigation bar with 'Payroll' > 'Abdul Hakim P. Macalandong' > 'Edit Salary Deduction'. On the right side of the header is a user profile icon. The main content area has a yellow header bar with the employee's name 'Abdul Hakim P. Macalandong' and title 'Kitchen'. Below this, the status is listed as 'Active' with a yellow background, and the hire date is '03-Jan-2025' and end contract date is '03-Jun-2025'. A large central box titled 'Salary Deductions' contains six input fields for deduction amounts: 'Pag-ibig Contribution' (1234.000), 'Product Charge (TRT)' (234.0000), 'SSS Cal Loan Payment' (234.0000), 'Miscellaneous Payment (SD)' (234.0000), 'Healthcare Payment' (234.0000), and 'BDO Life Insurance' (234.0000). At the bottom left is a 'Back' button, and at the bottom right is a 'Save' button.

Figure 5.2.46: Edit Action on Individual Employee Salary Deductions Page

The screenshot shows a blank 'Payroll History' page for employee Abdul Hakim P. Macalandong. The top navigation bar includes 'Payroll' > 'Abdul Hakim P. Macalandong - Payroll History'. A dropdown menu labeled 'PAY PERIOD' is open, showing 'Select Period' with a dropdown arrow. Below the dropdown, a message says 'Please select a payroll period from the dropdown above to view the details.' At the bottom left is a 'Back to Payroll' button.

Figure 5.2.47: Blank Individual Employee Payroll History Page

The screenshot shows a detailed payroll history for Abdul Hakim P. Macalandong. At the top, it displays the pay period as March 29, 2025 - April 13, 2025. The page header includes the Jollibee logo and a user icon. Below the header, the employee's profile picture and name are shown, along with their department, Kitchen. The main content area is divided into several sections: Daily Rate, Regular Hours, Overtime (Ordinary Day, Rest Day, Restday), Premium Payments (Special Holiday Premium, Special Holiday Overtime, Special Holiday on Restday, Special Holiday on RD OT, Regular Holiday Premium, Regular Holiday Overtime, Regular Holiday on Restday, Regular Holiday on RD OT), Deductions (Late, Absences, Undertime), Adjustments (Adjustment Pay, Leave Pay), and the final GROSS SALARY. The total gross salary is listed as ₱5,834.66.

Category	Sub-Category	Value
Daily Rate	Rate Per Hour	₱645.00
	Regular Hours	₱80.630
	Ordinary Day Overtime	0.00
	Rest Day	₱100.78
Restday Overtime	0.00	
	Special Holiday Premium	₱104.81
	Special Holiday Overtime	₱120.94
	Special Holiday on Restday	₱120.94
Special Holiday on RD OT	0.00	
	Regular Holiday Premium	₱157.22
	Regular Holiday Overtime	₱161.25
	Regular Holiday on Restday	₱209.63
Regular Holiday on RD OT	0.00	
	0.00	
	Total OT Amount	₱273.32
		₱5,834.66
Ordinary Day Night Diff	0.00	
	Rest Day Night Diff	₱8.06
	Special Hol Night Diff	₱10.48
	Legal Hol Night Diff	₱10.48
Special Hol RD Night Diff	0.00	
	Legal Hol Night Diff	₱12.09
	Total Night Diff Pay	₱16.13
		₱0.00
Late (mins)	0.00	
	Absences (hrs)	₱1.34
	Undertime (mins)	₱80.63
	Total Tardiness Amt	0.00
Adjustment Pay	0.00	
	Leave Pay	₱1,290.00
		₱0.00
	GROSS SALARY	₱3,161.14
	₱0.00	
	₱5,834.66	

Figure 5.2.48: Individual Employee Payroll History Page

The screenshot shows a summary payroll page for multiple employees. It includes a header with the pay period (Mar 29, 2025 - Apr 13, 2025) and a download button. The main content is a table with columns for Employee Name, RD Hrs, Legal Hol RD Pay, Legal Hol RD OT Hrs, Legal Hol RD OT Pay, Night Diff Hrs, Night Diff Pay, Gross Salary, SSS, Pag-Ibig, PhilHealth, Healthcard, SSS Loan, Life Ins., Cash Adv/Chgs, and Mif Net Salary. The table lists five employees: Eric De Guzman, Jobelyn Guisado, John Paul Jamera, Aaron James Jayin, and Abdul Hakim Macalandong. The total net salary for all employees is ₱5,392.93.

Emp. Name	RD Hrs	Legal Hol RD Pay	Legal Hol RD OT Hrs	Legal Hol RD OT Pay	Night Diff Hrs	Night Diff Pay	Gross Salary	SSS	Pag-Ibig	PhilHealth	Healthcard	SSS Loan	Life Ins.	Cash Adv/Chgs	Mif Net Salary
Eric De Guzman	0.00	0.00	0.00	0.00	0.00	0.00	995.72	125.00	0.00	250.00	0.00	0.00	0.00	0.00	620.72
Jobelyn Guisado	0.00	0.00	0.00	0.00	3.88	0.00	0.00	125.00	0.00	250.00	0.00	0.00	0.00	0.00	-375.00
John Paul Jamera	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125.00	0.00	250.00	0.00	0.00	0.00	0.00	-375.00
Aaron James Jayin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125.00	0.00	250.00	0.00	0.00	0.00	0.00	-375.00
Abdul Hakim Macalandong	0.00	0.00	0.00	0.00	0.00	0.00	5,834.66	150.00	0.00	291.73	0.00	0.00	0.00	0.00	5,392.93

Figure 5.2.49: Summarize Payroll Page

Figure 5.2.50: Period Dropdown on Summarize Payroll Page

Figure 5.2.51: Downloaded Summarize Payroll

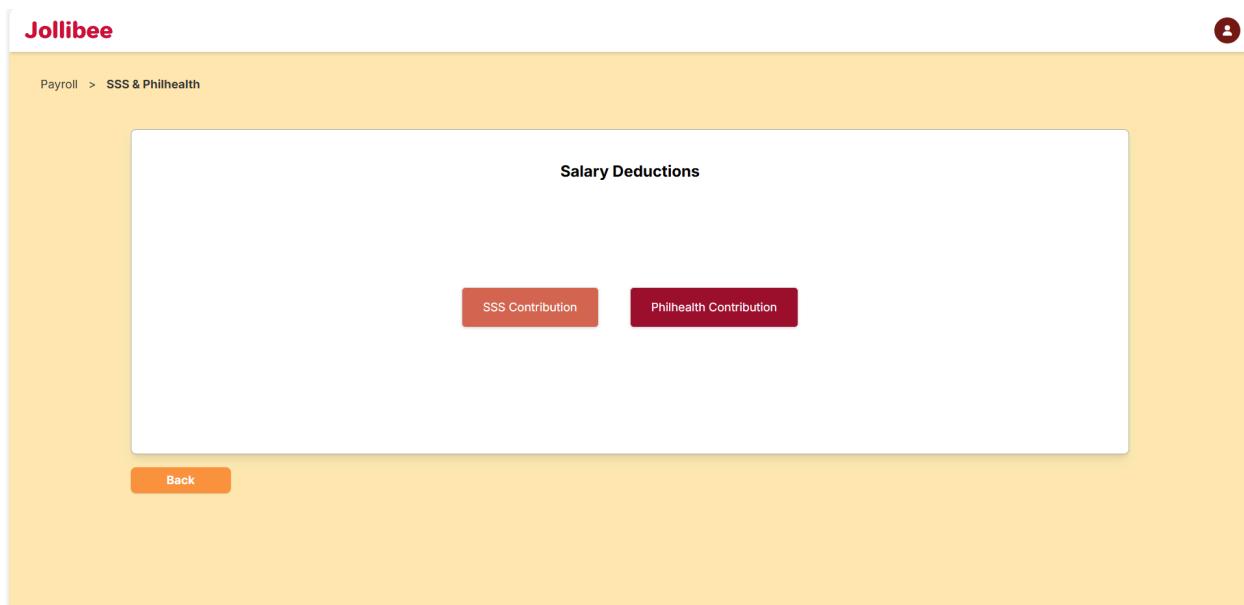


Figure 5.2.52: SSS & Philhealth Salary Deduction Page

This screenshot displays a table titled 'SSS Contribution Table'. The table has four columns: 'MINIMUM BRACKET', 'MAXIMUM BRACKET', 'CONTRIBUTION RATE', and 'ACTION'. The 'ACTION' column contains 'Edit' and 'Delete' buttons for each row. The data in the table is as follows:

MINIMUM BRACKET	MAXIMUM BRACKET	CONTRIBUTION RATE	ACTION
₱ 0.00	₱ 5749.99	₱ 250.00	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
₱ 5250.00	₱ 5749.99	₱ 275.00	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
₱ 5750.00	₱ 6249.99	₱ 300.00	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
₱ 6250.00	₱ 6749.99	₱ 325.00	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
₱ 6750.00	₱ 7249.99	₱ 350.00	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
₱ 7250.00	₱ 7749.99	₱ 375.00	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
₱ 7750.00	₱ 8249.99	₱ 400.00	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
₱ 8250.00	₱ 8749.99	₱ 425.00	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
₱ 8750.00	₱ 9249.99	₱ 450.00	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
₱ 9250.00	₱ 9749.99	₱ 475.00	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
₱ 9750.00	₱ 10249.99	₱ 500.00	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
₱ 10250.00	₱ 10749.99	₱ 525.00	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

Figure 5.2.53: SSS Contribution Table Page

The screenshot shows a table titled "SSS Contribution Table" with columns: MINIMUM BRACKET, MAXIMUM BRACKET, CONTRIBUTION RATE, and ACTION. The table lists contribution brackets from ₱ 0.00 to ₱ 10,250.00 with corresponding rates like ₱ 250.00, ₱ 275.00, etc. Each row has "Edit" and "Delete" buttons in the ACTION column. A green "Save" button is located at the top right of the table area. The URL in the address bar is "Payroll > SSS & Philhealth > SSS Contributions". The date "09-Apr-2025" is shown in the top right corner.

Figure 5.2.54: Edit Action on SSS Contribution Table Page

The screenshot shows the same "SSS Contribution Table" page as Figure 5.2.54, but with a modal dialog box titled "Add New SSS Record" overlaid. The dialog contains fields for "Minimum Bracket (₱)" (with placeholder "e.g., 4250.00"), "Maximum Bracket (₱)" (with placeholder "e.g., 4749.99"), and "Contribution Rate (₱)" (with placeholder "e.g., 202.50"). It includes "Cancel" and "Save Record" buttons. The background table and navigation elements are visible.

Figure 5.2.55: Adding New Record on SSS Contribution Table Page

The screenshot shows a web-based payroll system interface for Jollibee. The top navigation bar includes links for Payroll, SSS & Philhealth, and PhilHealth Contributions. The main content area is titled "PhilHealth Contribution Table". A single row of data is displayed in a table format:

MINIMUM BRACKET	MAXIMUM BRACKET	CONTRIBUTION RATE	ACTION
₱ 10,000.00	₱ 100,000.00	0.05%	Edit

Below the table is a "Back" button.

Figure 5.2.56: Philhealth Contribution Table Page

This screenshot shows the same payroll system interface as Figure 5.2.56, but with the "Edit" action button from the previous row highlighted. The table row now includes input fields for modification:

MINIMUM BRACKET	MAXIMUM BRACKET	CONTRIBUTION RATE	ACTION
₱ 10000.00	₱ 100000.00	0.05 %	Save Cancel

Below the table is a "Back" button.

Figure 5.2.57: Edit Action on Philhealth Contribution Table Page

Supervisor Interface

The screenshot shows the Supervisor Dashboard. On the left is a sidebar with the Jollibee logo and links for Employees, Time Keeping, Payroll, and Supervisor (which is selected). The main area is titled "Supervisor" and displays a welcome message: "Welcome, LEALYN DELA VEGA!". Below this is a table listing employees:

Name	Position	Action
CATHERINE SEVILLA	ACCOUNTING HEAD	<button>Manage Account</button> ...
JOMARK VALEÑA	ACCOUNTING STAFF	<button>Manage Account</button> ...
MA. TERESA TRINIDAD	OVERALL HEAD ACCOUNTANT	<button>Manage Account</button> ...
RICA FLORES	ADMIN CLERK/DOCUMENT CONTROLLER	<button>Manage Account</button> ...
JAKE IBAY	HR TRAINING AND DEVELOPMENT	<button>Manage Account</button> ...
ROMMEL BENITEZ	R&M HEAD TECH	<button>Manage Account</button> ...
Aaron James ssss	Project Manager	<button>Manage Account</button> ...

At the bottom, it says "Showing 1 to 7 of 9 entries" and has navigation buttons. The top right has a search bar, filter button, view logs button, and create account button.

Figure 5.2.58: Supervisor Dashboard Page

This screenshot is identical to Figure 5.2.58, but a user profile menu is open for the user "LEALYN DELA VEGA". The menu includes options for "Edit Profile", "Sign out", and other user-specific settings. The rest of the interface is the same, showing the employee list and dashboard navigation.

Figure 5.2.59: User Profile Menu on Supervisor Dashboard

The screenshot shows the Supervisor dashboard interface. On the left is a red sidebar with the Jollibee logo and navigation links: Employees, Time Keeping, Payroll, and Supervisor (which is currently selected). The main area has a yellow header with the title "Supervisor" and a search bar. Below the header is a welcome message: "Welcome, LEALYN DELA VEGA!". There are three buttons at the top right: "Filter", "View Logs", and "+ Create Account". A sub-menu button "Recently Deleted" is located next to the "Filter" button. The main content is a table with columns: Name, Position, and Action. The table lists several employees with their respective roles and account management options. At the bottom of the table, it says "Showing 1 to 7 of 9 entries".

Name	Position	Action
CATHERINE SEVILLA	ACCOUNTING HEAD	<button>Manage Account</button> <button>...</button>
JOMARK VALEÑA	ACCOUNTING STAFF	<button>Manage Account</button> <button>Delete</button> <button>...</button>
MA. TERESA TRINIDAD	OVERALL HEAD ACCOUNTANT	<button>Manage Account</button> <button>...</button>
RICA FLORES	ADMIN CLERK/DOCUMENT CONTROLLER	<button>Manage Account</button> <button>...</button>
JAKE IBAY	HR TRAINING AND DEVELOPMENT	<button>Manage Account</button> <button>...</button>
ROMMEL BENITEZ	R&M HEAD TECH	<button>Manage Account</button> <button>...</button>
Aaron James ssss	Project Manager	<button>Manage Account</button> <button>...</button>

Showing 1 to 7 of 9 entries

Figure 5.2.60: Recently Deleted of Filter Button on Supervisor Dashboard

This screenshot shows the same Supervisor dashboard as Figure 5.2.60, but with a different state. The table now displays only one row for "Aaron James Jayin" with the position "Project manager". The "Action" column contains a "Manage Account" button and a "...". The footer of the table indicates "Showing 1 to 1 of 1 entries". The rest of the interface, including the sidebar and header, remains identical to the previous figure.

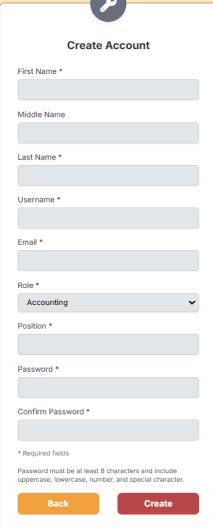
Name	Position	Action
Aaron James Jayin	Project manager	<button>Manage Account</button> <button>...</button>

Showing 1 to 1 of 1 entries

Figure 5.2.61: Recently Deleted Admins on Supervisor Dashboard

Jollibee

Supervisor > Create Account

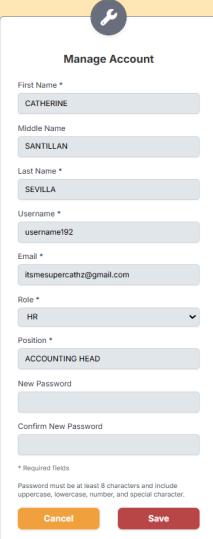


The screenshot shows a modal window titled "Create Account". It contains fields for First Name, Middle Name, Last Name, Username, Email, Role (Accounting), Position, Password, and Confirm Password. A note at the bottom states: "Required fields: Password must be at least 8 characters and include uppercase, lowercase, number, and special character." There are "Back" and "Create" buttons at the bottom.

Figure 5.2.62: Create Admin Account Page

Jollibee

Supervisor > Manage Account



The screenshot shows a modal window titled "Manage Account". It displays filled-in fields for First Name (CATHERINE), Middle Name (SANTILLAN), Last Name (SEVILLA), Username (username192), Email (itsmesupercat192@gmail.com), Role (HR), and Position (ACCOUNTING HEAD). It also includes fields for New Password and Confirm New Password. A note at the bottom states: "Required fields: Password must be at least 8 characters and include uppercase, lowercase, number, and special character." There are "Cancel" and "Save" buttons at the bottom.

Figure 5.2.63: Manage Admin Account Page

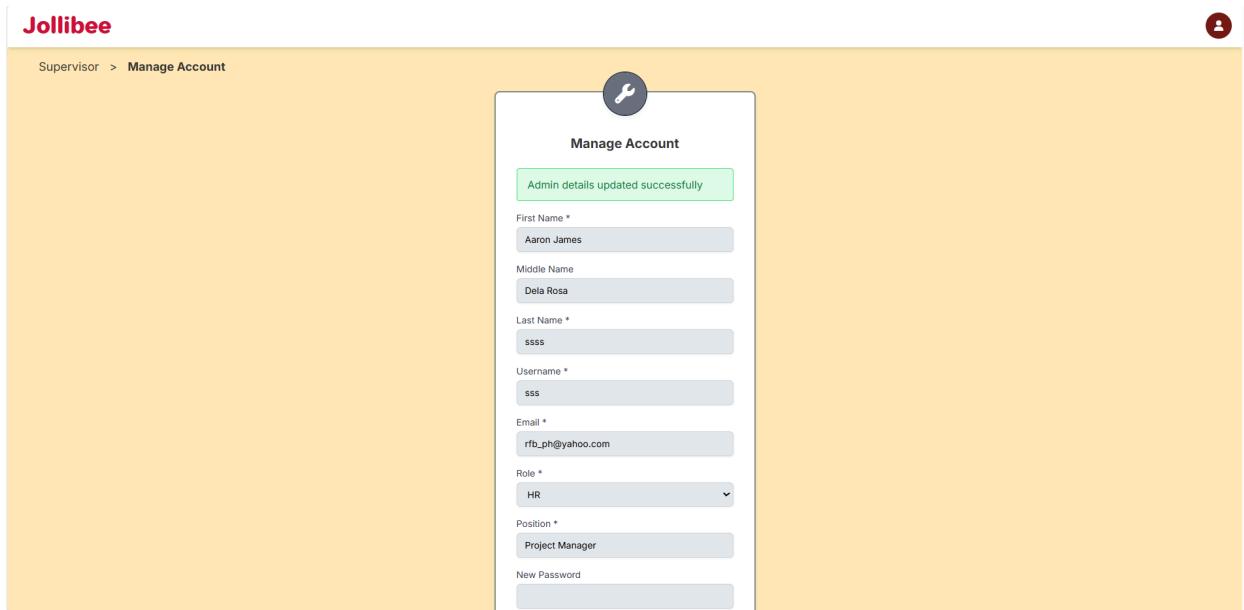


Figure 5.2.64: Update Successfully Notification on Manage Admin Account Page

Name	Position	Date Accessed	Time Accessed
LEALYN DELA VEGA	RM-RESTAURANT MANAGER	2025-03-01	2:27 PM
CATHERINE SEVILLA	ACCOUNTING HEAD	2025-03-01	2:27 PM
CATHERINE SEVILLA	ACCOUNTING HEAD	2025-03-01	2:28 PM
LEALYN DELA VEGA	RM-RESTAURANT MANAGER	2025-03-01	2:28 PM
LEALYN DELA VEGA	RM-RESTAURANT MANAGER	2025-03-01	2:36 PM
LEALYN DELA VEGA	RM-RESTAURANT MANAGER	2025-03-01	2:44 PM
LEALYN DELA VEGA	RM-RESTAURANT MANAGER	2025-03-01	3:31 PM
LEALYN DELA VEGA	RM-RESTAURANT MANAGER	2025-03-01	6:18 PM
LEALYN DELA VEGA	RM-RESTAURANT MANAGER	2025-03-01	11:22 PM
Aaron James Jayin	Mama ko panot	2025-03-01	11:32 PM
LEALYN DELA VEGA	RM-RESTAURANT MANAGER	2025-03-01	11:33 PM

Figure 5.2.65: View Logs Page

The screenshot shows a web-based interface titled "Jollibee" with a yellow header bar. Below the header, a navigation bar includes "Back-up and Recovery" and a "Create Backup" button. The main content area displays a table of backup files:

File Name	Date	Time	Size	Actions
backup_2025-03-01_07-48-19.zip	April 02, 2025	05:18 pm	0.01 MB	<button>Restore</button>
backup_2025-03-01_07-48-23.zip	April 02, 2025	05:18 pm	0.01 MB	<button>Restore</button>
backup_2025-03-01_07-48-28.zip	April 02, 2025	05:18 pm	0.01 MB	<button>Restore</button>
backup_2025-03-01_07-48-30.zip	April 02, 2025	05:18 pm	0.01 MB	<button>Restore</button>
backup_2025-03-01_07-50-26.zip	April 02, 2025	05:18 pm	0.01 MB	<button>Restore</button>
backup_2025-03-01_07-53-19.zip	April 02, 2025	05:18 pm	0.01 MB	<button>Restore</button>
backup_2025-03-01_08-04-17.zip	April 02, 2025	05:18 pm	0.01 MB	<button>Restore</button>
backup_2025-03-01_23-53-46.zip	April 02, 2025	05:18 pm	0.02 MB	<button>Restore</button>
backup_2025-03-02_00-03-32.zip	April 02, 2025	05:18 pm	0.02 MB	<button>Restore</button>
backup_2025-03-02_15-25-24.zip	April 02, 2025	05:18 pm	0.01 MB	<button>Restore</button>
backup_2025-03-02_20-36-36.zip	April 02, 2025	05:18 pm	0.01 MB	<button>Restore</button>
backup_2025-03-03_20-06-34.zip	April 02, 2025	05:18 pm	0.02 MB	<button>Restore</button>
backup_2025-03-04_18-43-44.zip	April 02, 2025	05:18 pm	0.01 MB	<button>Restore</button>

At the bottom right of the table is a "Return" button.

Figure 5.2.66: Back-up and Recovery Page

Time Confirmation Portal Interfaces

The screenshot shows a mobile-style interface for the "Time Confirmation Portal". It features the Jollibee logo at the top left. The main content area has a white background with an orange header bar containing the date "April 9, 2025". Below the date is a large digital clock display showing "10:02 pm". At the bottom of the screen, there is a call-to-action text "Please Tap Your Card".

Figure 5.2.67: Default Time Confirmation Page

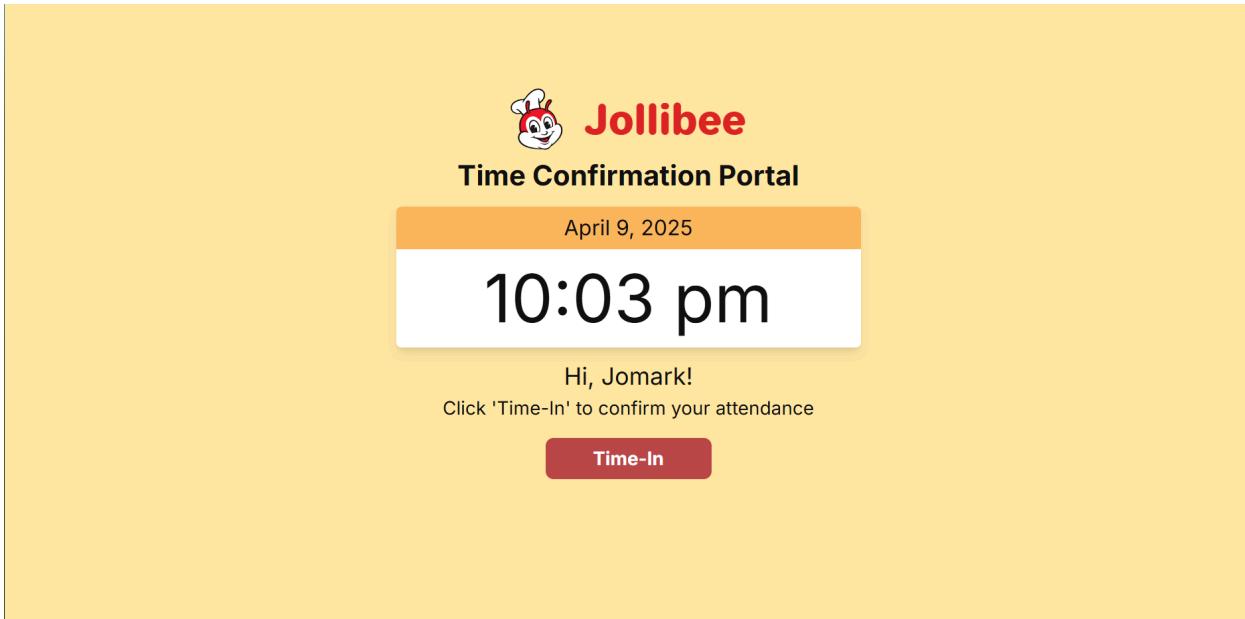


Figure 5.2.68: Time In Dashboard

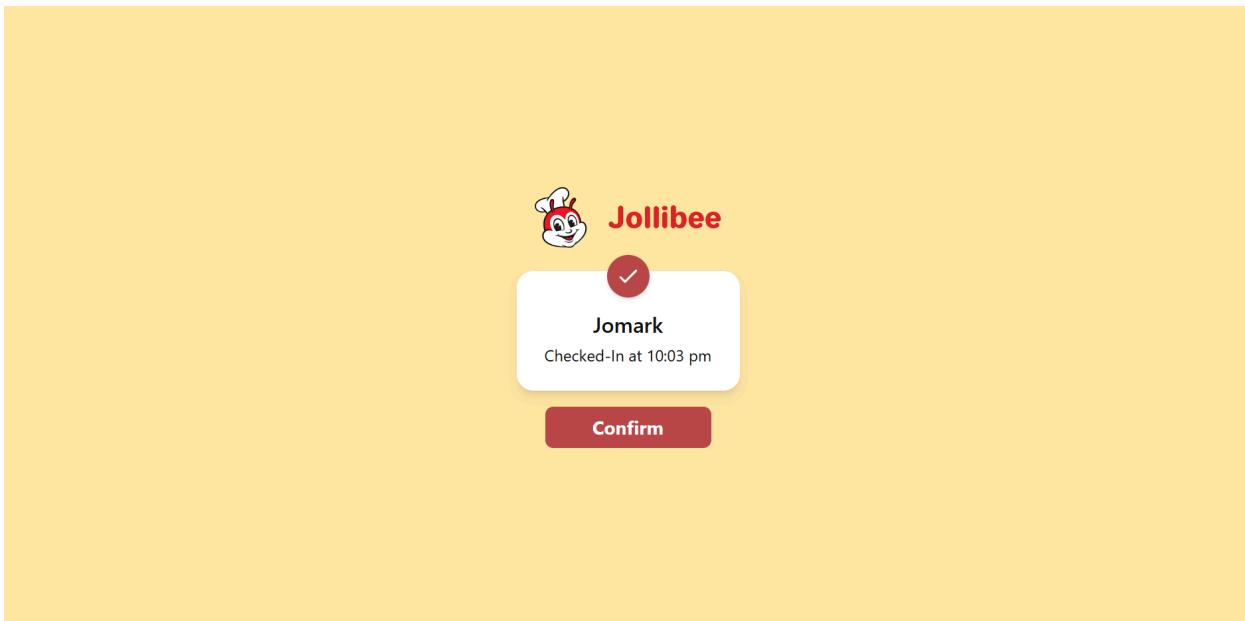


Figure 5.2.69: Time Confirmation Page Dashboard



Figure 5.2.70: Break Out Dashboard

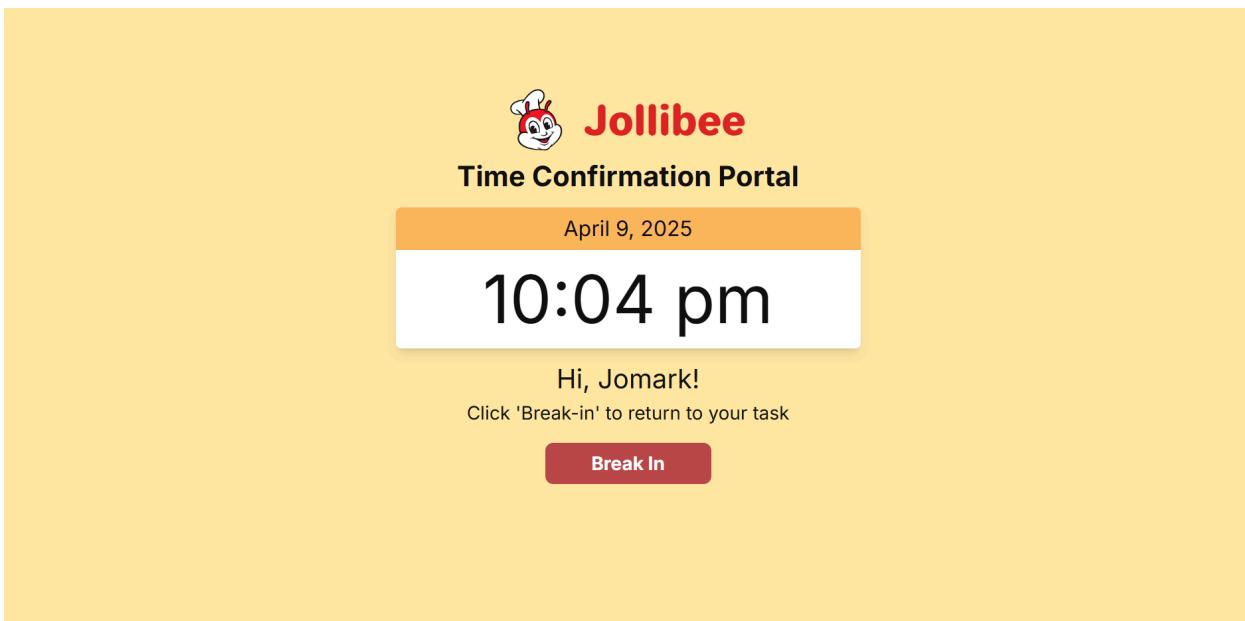


Figure 5.2.71: Break In Dashboard

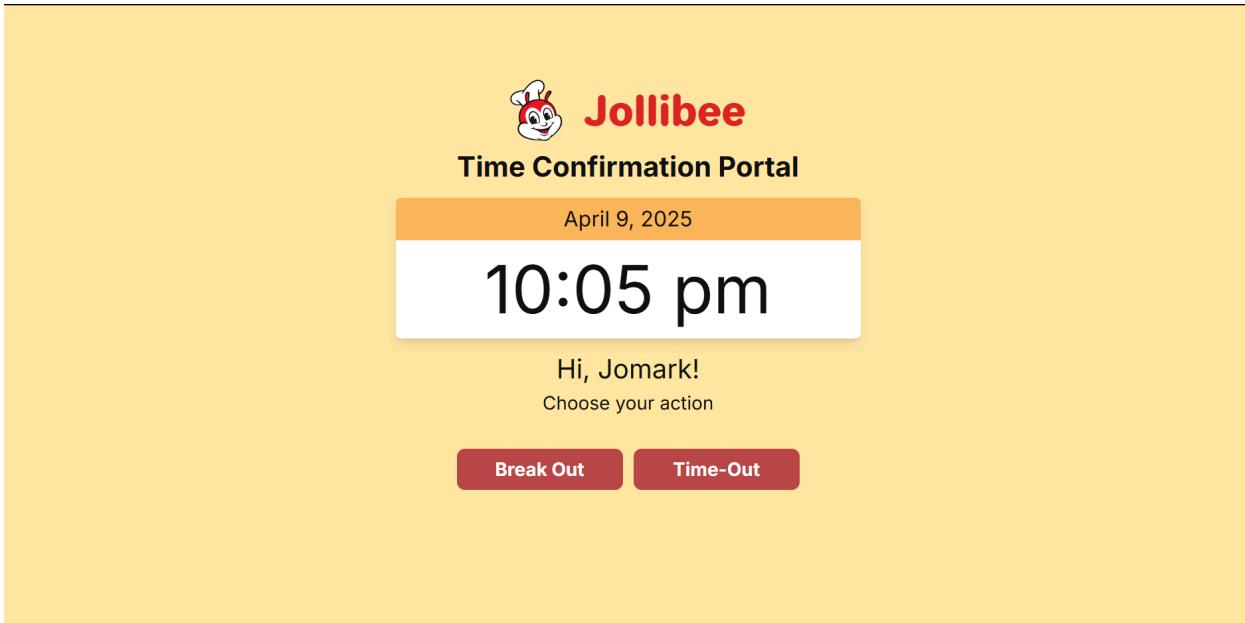


Figure 5.2.72: Break in or Time out (after having mandatory breakout)

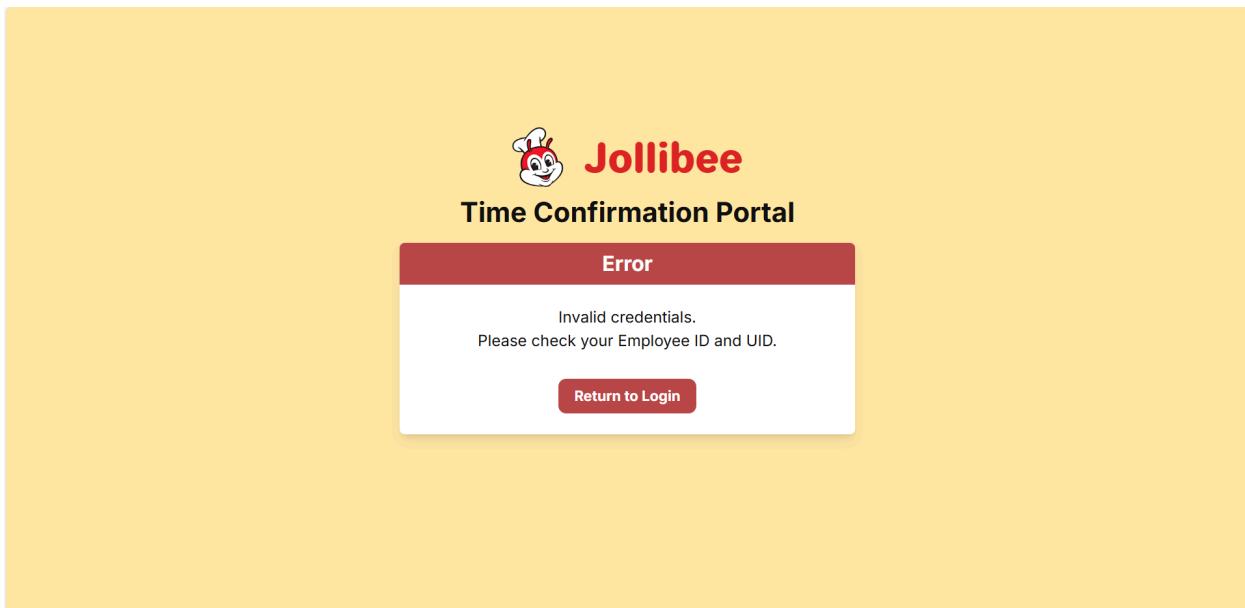


Figure 5.2.73: Error Page (Tapped Without Employee ID)