**PayStub+ Project Plan Draft**

Paystubbers Inc.

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# Introduction

## **Scope and purpose of document (<JP>)**

The scope of this document outlines the basis of Paystub+ and its fundamental features. It details the system’s capabilities, benefits, and tracking mechanisms, and provides the reader with an overview of Paystub+ and its convenience. Also attached is a systems context diagram, a detailed overview of the interactions between Paystub+ and external entities. Provided with this document is also a schedule of project milestones to help the reader better understand the feasibility of goals across our timeline.

Paystub+ is a convenience tool designed for servers in the restaurant industry to monitor and manage their earnings effectively. This application records cash and credit tips, hourly pay, and identifies peak income periods. It presents the user with comprehensive yet understandable data about their earnings, such as weekly/monthly/annual income, comparisons between credit vs. cash earnings, information about peak income periods, and graphical displays of income for visual representation such as tables and graphs. The user can specify between tip pool/individual tip out workplace settings, specify where taxes need to be deducted for calculation, and also track multiple jobs at the same time. This level of customization makes Paystub+ the ultimate tool for any tip-earning worker to track their earnings.

# System Scope

## **Problem/Opportunity Description** **(<JP>)**

Paystub+ aims to simplify the process of income tracking for servers. Because they receive income from multiple sources, including hourly wages, cash tips, and credit card tips, and often never work for salary, it is only logical to have a place where all their financial data is organized. Some individuals track their finances in a Google document. Others track them on paper. Due to the complexity of their earnings, some servers don’t track them at all. Paystub+ provides the user with a tracking system for their income that requires minimal time investment, while simultaneously giving them a clear representation of their earnings with useful and user-friendly analyses.

This application gives the user the opportunity to optimize their work schedules and maximize income. Paystub+ analyzes their data to determine peak income periods, allowing the user to take more shifts during those periods based on accurate statistics.

In addition, Paystub+ increases transparency between restaurant management and servers. Workers that use Paystub+ will have a comprehensive view of their income, giving them support and confidence in times where they may have questions about the accuracy of their earnings.

## **Anticipated Business/Personal Benefits (<Danny>)**

The anticipated benefits of organizing personal finances and tracking business expenditures extend far beyond imagination. From streamlining personal cash flow to facilitating efficient allocation of funds for businesses, the advantages are many. Efficient organization of tips and cash flow enhances financial management on an individual level. While for businesses management, maintaining detailed records ensures transparency and informed decision-making regarding resource allocation with staff. In summary, tracking finances in restaurants is crucial due to varying staff earnings on different days and weeks. It provides a systematic approach to monitor and manage fluctuations in income, contributing to overall financial stability.

## **System Capabilities (<Danny>)**

* Utilizes user data to organize income records, tracking hours, tips, and distributions accurately. Accounts for state tax percentages.
* Customizable for any workplace. PayStub+ adapts to different tip-out methods, like pooling or individual distributions, letting users set preferences.
* Push notifications remind users to input work hours and tips into PayStub+ at their preferred time.
* In-app communication enables seamless conversations among coworkers within PayStub+.
* Managers can create restaurant profiles on the app, inviting workers and directly inputting income/tip data for serving staff.
* PayStub+ displays user-inputted data through graphs, offering insights into weekly, monthly, yearly, or overall income trends. Valuable for both restaurant managers and service staff to identify peak earning periods.

## **System Context (<ER>)**

*Using Visio or draw.io, create a System Context Diagram which depicts the primary users of the system and the information that is exchanged between them and the system.*

Paystub System Context Diagram pdf

# **Schedule (<ER>)**

*Using MS Project/Project Libre, create a Work Breakdown Structure Chart, identifying all tasks required to complete this team project, dependencies and staff resources for each of the tasks. Include phases to group and organize your tasks and include milestones.*

Paystub Project Schedule mpp file

## **Staff Organization (MRB)**

Michael Benno will be the leader who also handles the github

Jimmy Paulson helps with some of the organization

Ethan Reiss helps run the trello page

Daniel Garcia handles the google drive.

## **Tracking and control mechanisms (MRB)**

We will keep in touch with each other using our discord and slack servers and we will have meetings at least 2 times a week to organize what we all need to do individually on the project. We will also use google docs to keep in sync with each other’s work and progress. We will keep our work in github and use trello to keep track of our schedule as well.