Payroll Management System for Information Technology Company

Version 1.0

Revision History

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# Introduction

The purpose of this document is to collect, analyze, and define high-level needs and features of the Payroll Management System of IT company. It focuses on the capabilities needed by the stakeholders and the target users, and **why** these needs exist. The details of how the Payroll Management System full fills these needs are detailed in the use-case and supplementary specifications.

The introduction of the **Vision** document provides an overview of the entire document. It includes the purpose and references of this **Vision** document.

## References

This subsection provides a complete list of all documents referenced elsewhere in the **Vision** document. Identify each document by title, report number if applicable, date, and publishing organization. Specify the sources from which the references can be obtained. This information may be provided by reference to an appendix or to another document.

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | Create convenience when paying salary for employee in IT company |
| affects | Administrator, Accountant, Employee |
| the impact of which is | Inconvenient to pay salary when using database paper documents |
| a successful solution would be | Payroll Management System Application for IT company instead of using paper work   * Administrator can have an overview to ease the management of workers' salary * The accountant can clearly know the details to conclude the salary for employees * Employees receive a satisfactory salary will be the motivation to stimulate creative capacity to increase labor productivity. |

## Product Position Statement

|  |  |
| --- | --- |
| For | Enterprise, Company, Organization in Information Technology area |
| Who | Need to control, manage, illustrate salary |
| That | Provides an application that’s very important to User that must create applications for managing Payroll System |
| Unlike | Using paper documents to calculate salary |
| Our product | Payroll Management System Application for IT company |

# Stakeholder and User Descriptions

The Payroll Management System that is to be developed provides the special user:

* Administrator: This system must be clear and easy to manage salary.
* Accountant: This system will replace using paper or traditional calculating salary, accountant can manage and release salary through this system accurately.
* Employee: This system help employee effectively receive own salary.

The Payroll Management System is supposed to have the following features:

* The service provides the users with application Payroll Management instead of using traditional methods like paper checking.
* The system provides information of total users and it was accessed by the type of user.
* The system allows the high-level user managing low-level user.
* The system permits calculating amount of salary accurately.
* The system illustrates each salary of employees by standard rule.

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Employee | The person who works for IT company used payroll management system | Using this application to view profile and receive own salary |
| Accountant | The person who has main role to interact with salary | Using this application to manage, calculate, solve salary’s problem and release salary |
| Administrator | The person who manages total System with high power | Using this application to manage, build up and maintain system |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Admin | Key user of the system | Using this application to manage, build up and maintain system:   * Manage Employee * Manage System | The stakeholder is also an Administrator |
| Accountant | Key user of the system | Using this application to manage, calculate, solve problem and release salary:   * Calculate salary * Review salary | The stakeholder is also an Accountant |
| Employee | Key user of the system | Using this application to view profile and receive salary | The stakeholder is also an Employee |

## User Environment

1. There are 3 users are used this system and completed task: Employee, Accountant, Administrator. This is not changing
2. This system will be active 24/24 in order to satisfy the desire of users. The average time spent in each activity does not calculate but it will change a little bit.
3. No unique environmental constraints.
4. The system platforms are in use today: computer platform.
5. The system platforms will provide in the future: mobile platform.
6. No other applications are in use.

## Summary of Key Stakeholder or User Needs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Need** | **Priority** | **Concerns** | **Current Solution** | **Proposed Solutions** | |
| Building up database | High |  | Small database scale is setting up in PC. | | Require big database server and maintain steadily |

## Alternatives and Competition

None

# Product Overview

This section provides a high-level view of the product capabilities, interfaces to other applications. This section consists of two subsections, as follows:

* Product perspective
* Assumptions and dependencies

## Product Perspective

This product brings about great benefits to the employees, administrator and accountant of Information Technology company. The payroll management system is dependence. This system is used in an environment for IT companies to help pay employees easily and accurately. user interaction close to the system and achieve intended use.

## Assumptions and Dependencies

|  |  |
| --- | --- |
| Assumptions | Dependencies |
| The users have sufficient knowledge of computer | Build up this system professionally |
| The user knows English language | The interface of application will be provided in English language |
| MySQL is running on Computer | Application runs on Window or other Operation |

# Product Features

|  |  |
| --- | --- |
| Feature | Priority |
| Payroll management system easily set up on devices. | high |
| It was built on English language to adapt with many users. | medium |
| It is suitable for many IT companies | High |

# Other Product Requirements

## System requirements

* The application should connect to mySql database.
* The application must perform all functions with minimal time delays.
* The application must maintain and fix each week if it has problem.