

Payroll

Peter Rauscher, Joey Sofia, Harsha Penugonda, Murat Ulu

What is Payroll?

Payroll is digital timesheet web application built to help businesses more easily track employee payroll through the use of a virtual punch clock system.

- Easy to setup and integrate in existing businesses
- Increased efficiency of the employee clock-in process
- Convenient for management to access timesheet information
- Streamlined process for calculating employee pay from hours worked
- Provides modern UI to view statistics and visualizations for both single employee and all employee timesheet/payroll information

Core Features

Setup process:

- Option to create manager or employee account
- Efficient log-in process for existing accounts
 - Managers and employees will be redirected to respective dashboard upon logging in

Main page:

- Option to clock in and out of shifts
 - Special clock in/out for lunch breaks
 - Optional notes field for employees to leave notes for management when clocking in or out
- Display current working status (clocked in or out)
- Display record of employee/manager's previously completed hours

Core Features Cont.

Manager Portal:

- Statistics and visualizations of attendance or pay for all employees in a designated pay period
- Form to create new employee account
- Ability to search for employee in database by name or ID number
 - Manager's can view all data of an employee's account
 - Manager's have access to form to edit employee account information

Payroll:

- Expected pay and hours are automatically determined for respective pay period
- Expected pay and hours are automatically reset at the beginning of each pay period

Extra Features

- Option for employees to request time off
- Autocompletion for employee search in manager dashboard
- Ability to Export payroll data to a spreadsheet or PDF file
- Ability to promote existing employees to management status
- Store open/close button in the manager dashboard
 - Allow check in/out features according to store open/close status

Target Demographic

Payroll is marketed towards:

- Businesses looking to simplify their timekeeping practices
 - Many companies still rely on informal excel spreadsheets or physical paper; Payroll gives employees one easy place to clock in and out and makes overseeing payroll easier through the manager dashboard.
- Businesses looking for more ownership over their digital assets
 - Many modern timekeeping applications are highly connected to the cloud; Payroll runs completely on the business' server.
- New/Small businesses looking for a solution without “bells and whistles”
 - Many applications have an abundance of complicated features that the business won't require.

Application Value

- Time Efficiency
 - Simplifies the labor intensive task of manually recording payroll
 - Saves time during tax season
- Data Loss Prevention
 - Export features allow you to keep as many backups of the data as the company wants
- Cost-Effectiveness
 - Employee times are checked against business hours to validate accurate reporting of hours
 - Save money and the environment by cutting down on paper waste

Why use Payroll?

- Simple to integrate into existing business workflow
 - Some businesses use Excel spreadsheets to record timesheet data to send to senior level management, and Payroll can convert recorded data to Excel to allow for smoother integration
- Modern user interface is easy to navigate and use
- Web version ensures employees can clock in on nearly any device
- Simplifies the complex or archaic timesheet processes currently used in many business industries

Competition

- Quickbooks
 - Our application is much simpler and does not focus on keeping track of store inventory, sales, or customer support
- Paychex
 - Our application lacks the extra frills that makes Paychex clunky and overly complicated (Retirement services, company hiring practices, etc.)
- Mechanical Time Clocks
 - Our application can be accessed on any device, and doesn't require physical maintenance or physical timesheets
- Excel
 - Our application doesn't require complicated setup or inconvenient data entry



Croprint Mechanical Time Clock

O19												
	A	B	C	D	E	F	G	H	I	J	K	L
1												
2		Start Date	11/21/2016									
3												
4					Time In	Time Out		Time In	Time Out	Hours		
5		Monday	11/21/2016		8:00	12:30		13:00	16:30	=F5-E5)+(I5-H5)		
6		Tuesday	11/22/2016		7:00	11:00		12:00	17:00		9:00	
7		Wednesday	11/23/2016		9:00	10:30		11:30	17:00		7:00	
8		Thursday	11/24/2016		8:00	13:00		14:00	17:00		8:00	
9		Friday	11/25/2016		8:00	12:00		13:00	18:00		9:00	
10												
11												
12										Total Hours	=SUM(K5:K9)	
13										Regular Ho	40:00:00	
14										Overtime H	=IF(K12>K13, K12-K13,0)	
15												

Complicated Excel timesheet