

**Software Requirements Specification**

**for**

**Timesheet Tracking Software**

**Version 1.0 approved**

**Prepared by Team 1**

**FPT University**

**19/01/2021**

**SIGNATURE PAGE**

**ORIGINATOR:** Nguyen Van Thien - HE141060

**TEAM MEMBER:** Tran Nguyen Tien Dat – HE 141709 Dinh Quang Hung – HE140063

Tran Viet Long – He140203

Nguyen Khuong Quan – HE140553

**REVIEWERS:** Pham Ngoc Ha

**Revision History**

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
| The whole document | 18/01/2021 | Initiate version for Timesheet Tracking System | 1.0 |
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* **Introduction**
* **Purpose**

The document is the TimeSheet Tracking. Time tracking software is a computer tool that employers and managers use to record the work done by employees for payroll, billing, or operations. In other words, it is a tool used to show the time spent on given tasks, which helps automate the invoice or payrolls. Generally, it is time management software that can help you become more efficient, organized, and have more tasks done. Simply put, it is a tool that will undoubtedly help save precious time and money.

* **System Purpose**

|  |  |
| --- | --- |
| Software | Version |
| NodeJS | 10.x |
| MongoDB | >3.6 |
| JDK | v7 or newer |
| MacOS | 10.x |
| Windows | Window 7 or newer |
| Android | 10.x or newer |
| IOS | 12.x or newer |
| Microsoft Visual Studio Code | 2015 or newer |
| Google Chrome | 69.0.3497.100 |
| Mozilla Firefox | 62.0.2 |
| Opera | 55.0.2994.61 |
| Safari | 12.0 |

* **Definitions, Acronyms and Abbreviations**

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| --- | --- | --- |
| ID | Acronyms | Definition |
| 1 | SRS | Software Requirement Specification |
| 2 | DB | Database |
| 3 | GUI | Graphic User Interface |
| 4 | OS | Operating system |
| 5 | MB | Mobile version |

* **Document Conventions**

This document used Template System Requirement Specification IEEE830 version 1.3. Form-based specifications will be used a lot to describe each of function, input, output, where they come, where they out, information needed, action be taken, pre, post conditions, side effect (if any) of the function.

* **Intended Audience and Reading Suggestions**

Developer, tester should read document before update coding or fix bugs of previous version.

* **Project Scope**

Name of the project is Time Tracking System. It is a website for every one that needs to get an accurate look at their workweek, improve profitable of their projects, show clients how much they’ve work or see what their team works on.

* **References**

Software requirement specification form.

Software engineering – Ninth Edition (by Ian Sommerville)

Designing with Web Standards (2nd Edition)

Model - View - Controller pattern(<https://en.wikipedia.org/wiki/Model–view–controller>)

Sample website:

-Clockify(<https://clockify.me/>)

-Interaction Tracker Timesheet Reporting Technical Reference(<https://help.genesys.com/pureconnect/mergedprojects/wh_tr/desktop/pdfs/tracker_timesheet_reporting_tr.pdf>)