**TIME SHEET OF EMPLOYEE**

**ABSTRACT**

A time sheet is an essential tool used by organizations to track and manage employee working hours. It serves as a record of the time spent by employees on different tasks, projects, or activities, facilitating accurate and efficient payroll processing, project management, and resource allocation. This abstract provides an overview of the key aspects and benefits of implementing a time sheet system. The time sheet system enables employees to log their work hours, including start and end times, breaks, and overtime, providing a comprehensive view of their daily or weekly activities. This data serves as a reliable source for calculating wages, ensuring fair compensation for the hours worked. By automating this process, organizations can minimize errors and disputes related to time and attendance, improving transparency and trust between employees and employers. Moreover, time sheets offer valuable insights into resource allocation and project management. By analyzing the recorded data, organizations can assess the time spent on different tasks or projects, identify bottlenecks, and optimize workflows. This information aids in making informed decisions regarding resource allocation, workload balancing, and project timelines, enhancing overall productivity and efficiency. Implementing a digital time sheet system further enhances the benefits. It provides employees with an intuitive and user-friendly interface to record their time, reducing administrative burden and paperwork. Additionally, digital systems often offer features such as real-time tracking, automatic reminders, and reporting capabilities, streamlining the time management process and enabling prompt action when deviations or issues arise.

**Keywords**: Employee, Time, Work, salary , Attendance etc.

**STATEMENT ABOUT THE PROBLEM**

Traditional time sheet of employee, often reliant on manual processes and outdated technologies, pose numerous challenges and limitations for organizations. These systems are often characterized by cumbersome paperwork, time-consuming administrative tasks, data inconsistencies, and lack of real-time insights. This statement highlights the problems associated with traditional time sheet of employee and emphasizes the need for a more efficient and streamlined approach

**WHY IS THE PARTICULAR TOPIC CHOSEN?**

The topic of an time sheet of employee was chosen due to its significant relevance and importance in modern organizations. Managing employees effectively is a critical aspect of human resource management, and implementing a comprehensive system to streamline and automate employee-related processes has numerous benefits like increasing complexity, time and cost savings, Data integrity and security, Compliance and reporting.

**SCOPE**

The scope of an time sheet of employee encompasses various aspects of human resource management within an organization. It includes a wide range of functionalities and modules designed to streamline and automate processes related to employee data management, performance evaluation, attendance tracking, leave management, payroll processing, and more.

**OBJECTIVE OF THE PROJECT:**

The objective of an time sheet of employee is to streamline and automate various aspects of human resource management, ultimately improving operational efficiency, enhancing employee productivity, and facilitating effective decision-making

**Existing System**

The existing system for time sheet of employee often relies on manual processes, spreadsheets, and disjointed software solutions. It involves maintaining physical records, manually tracking attendance and leave, conducting performance evaluations using paper-based forms, and manually processing payroll. This traditional approach is time-consuming, error-prone, and lacks efficiency and data accuracy. It also hampers effective decision-making and limits the ability to adapt to changing work dynamics.

**Disadvantages**

**1.** **Not User Friendly:** The existing system is not user friendly because the retrieval of data is very slow and data is not maintained efficiently.

**2.** **Difficulty in report generating:** We can’t able see the all the tourism places information. And the people not get at the time of searching for tour.

**3.** **Manual control:** people may be get some wrong information from diffrent resources .

**4.** **Time consuming:** Every work is done manually so we cannot get the information in the middle of the tour or as per the requirement because it is very time consuming.

**3.3 Proposed System**

The proposed system is an time sheet of employee, which is a comprehensive software solution designed to automate and streamline time sheet of employee processes. It integrates various modules and functionalities to centralize employee data, automate attendance tracking, leave management, performance evaluations, and payroll processing. The proposed system aims to provide a user-friendly interface, efficient data management, and real-time access to employee information. It offers features like self-service portals for employees, advanced reporting and analytics capabilities, and compliance management tools. The proposed system improves data accuracy, reduces administrative workload, enhances productivity, and enables organizations to make informed decisions based on actionable insights. It also supports remote work arrangements, provides mobile access, and offers scalability and adaptability to meet evolving HR requirements.  
**3.4 Advantages**

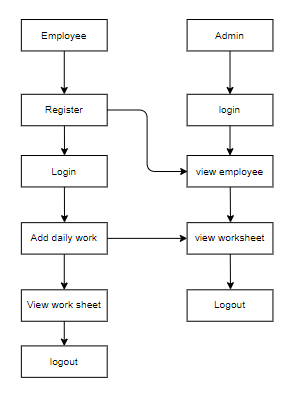
**1.** **User Friendly:** - The proposed system is user friendly because the retrieval and storing of data is fast and data is maintained efficiently. Moreover the graphical user interface is provided in the proposed system, which provides user to deal with the system very easily.

**2.** **Reports are easily generated:** reports can be easily generated in the proposed system so user can get information at anytime

**3. Very less work:** The proposed system requires very less work. All the data is fetched into the computer immediately and reports can be generated through computers. Moreover work becomes very easy because there is no need to keep data on papers.

**4. Computer operator control:** Computer operator control will be there so no chance of errors. Moreover storing and retrieving of information is easy. So work can be done speedily and in time.

**PROJECT FLOW:**

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**SOFTWARE FRONT END REQUIREMENTS**

# **H/W CONFIGURATION:**

# Processor - I3/Intel Processor

Hard Disk - 160GB

Key Board - Standard Windows Keyboard

Mouse - Two or Three Button Mouse

Monitor - SVGA

RAM - 8GB

**S/W CONFIGURATION:**

Operating System : Windows 7/8/10

Frontend : React JS

Programming Language : Java

Libraries : Spring boot

IDE/Workbench : Intellij IDEA

Technology : java 1.7+

Server Deployment : Tomcat Server

**MODULES/IMPLEMENTATION**

**Admin:**

Operation-**Login:** Admin will login into the application by entering the valid details like (username and password).

Operation-**view Employee**

**View and search Employee:** Admin can view and search the employee details

**Employee:**

Operation-**Register:** Employee will register into the application by entering the valid details like (username and password etc).

Operation-**Login:** Employee will login into the application by entering the valid details like (username and password).

Operation-**add and view work details**

**Add work:** Employee can add his work details.

**View work:** Employee can view his details.