**CONSTRUCTION MANAGEMENT**

**Abstract**

The detailed entry of the supplier and the employers are maintained here. The Employer entry consists of the salary and the advance details and the salary voucher are also made. The attendance reports for the workers are made according to the contractor names. The worker entries are also made. The voucher entry made for the material purchased for the construction site according to the material category, its type, and the brand name;

 This system for the small and medium sized company. Organize your customers, contacts, order and notes in one easy to use solution that helps you to work smarter. This Android application designed specifically to help the construction companies to handle labor voucher entries, employer profiles, purchase orders and Inventory Management. Using this software we can easily maintain the wages details, employer details and order details. This Software boosts up the company operations, get variety reports to make a quick decisions and give a feel free control of the business inflow.

**EXISTING SYSTEM**

**\* It is very difficult and time consuming to maintain all the details in to the registers when the organization is very big.**

**\* It also take much time for doing entry and checking of records.\*\*\*\*\***

**\* There is also possibility of mismatching of entries during entry of records.**

**\* To make and maintain the different reports is also very tough and tedious job.**

**\* Information is stored into registers, which requires large storage space.**

**\* Searching particular record is very tedious job, since as a time passes the condition of the registers becomes bad.**

**\* Every year, they have to maintain new registers.**

### PROPOSED SYSTEM

**\*To overcome the drawbacks of present system and ease the working of such consultancies our project comes into the picture. Our software is multifunctional which includes Employ Registration, Employ Attendance, Purchase Details, Report generation**

 **\* Provide  information  in  a  quick  time  according  to  the  requirements  that  are  to  be Fulfilled.**

 **\* Easier  retrieval  will  be  possible  as  multiple  search  facilities  will  be  available.**

 **\* Security of data.**

 **\* The Paper Work would be reduced to a greater extent.**

### module discription

1. **EMPLOYER REGISTRATION**
2. **EMPLOYER ATTENDANCE**
3. **PURCHASE DETAILS**
4. **VOUCHER PRINT**
5. **REPORT**

 **1. EMPLOYER REGISTRATION**

 The first module of Construction Management is employer registration. In this module admin will register all the details of the employs worked in the construction sites . there are many types of work in the construction site, The wages given to the employs are different according to their types of work. During employee registration 5 fields are stored in the database, the fields are, Employ Name, Employ Id, Age, Category, and Wages

1. **EMPLOYER ATTENDANCE**

 Employer Attendance marking is the daily process in the admin side. During the registration time admin provide the employ id to each employs . The attendance page have search field for searching employ details using the employ id. The Date and time for attendance is also marked in this page

1. **PURCHASE DETAILS**

 In a construction site have construction materials are also important as the workers. So every day admin want to purchase the materials. So the Admin enter the purchase details in every day. It will helps to find the daily purchase expense. And also provide the details like Type of material purchased, Amount of material purchased, Purchased Date and time, Received from which company and received by the person name.

1. **VOUCHER PRINT**

 This Application will generate the voucher slip for both employ and the material purchased company. The voucher is used to collect the cash from office. The Voucher for employ include the details like Employ Name, Employ Id, Age, Category, and Wages. The voucher for material purchased company contain the details like Type of material purchased, Amount of material purchased, Purchased Date and time, Received from which company and received by the person name.

1. **REPORT**

Report generation module is the main module of this application, in the previous module like Attendance module and Purchase Details module have we storing the data in to the database. In this Report module have we generate the report using the stored data. In this module we generate the result like total wages to the employs in a day, Total purchased amount in a day. And also the employ details , and the details of worked employ in the current day in category wise.

### CONCLUTION

 Construction Management application is the very use full application in the modern world .The Application **provide  information  in  a  quick  time  according  to  the  requirements  that  are  to  be Fulfilled. And also Easier  retrieval  will  be  possible  as  multiple  search  facilities  will  be  available. Security of data. Is very high in this application. The Paper Work would be reduced to a greater extent.**

SYSTEM SPECIFICATION:

Hardware Requirements:

• System : Pentium IV 2.4 GHz.

• Hard Disk : 40 GB.

• Floppy Drive : 1.44 Mb.

• Monitor : 14’ Colour Monitor.

• Mouse : Optical Mouse.

• Ram : 512 Mb.

Software Requirements:

• Operating system : Windows 7 Ultimate.

• Coding Language : JAVA

• Front-End : Eclipse

• Data Base : SQLite Manager