

DigiCabPro

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Abstract - This system is developing for a digital travels. They are providing different services as like cabs, buses, travels etc. This system provide an application for company and travels agencies to store the information of vehicles. The daily transaction of services that also be store information like vehicle name, type, time, distance, package, company and also employee's information who uses this services. Then the report of accounting of diesel payment of the desired package was decided on the daily basis. At the month end generation of reports of bill payment to clear budgeting is carried out and get match at the digital travels and company level and if results are same then business management is satisfied if it is not then some losses of company through vendor will occurred. This system confirms previous claims regarding every statement of cash flow in that financial statement that shows how changes in balance sheet account and income affect cash and cash equivalent. The cash flow statements capture both current operating results and accompanying changes in balance sheet with the help of funds flow statement that prepared to analyses reason for changes in the position financial of company between two balance sheet.

Key Words: Management information system, Module view controller, Privilege validation.

1. INTRODUCTION

Digicab pro is dedicated to many digital travel agencies for important of various companies employee transport services. Manual system that is employed is extremely laborious and quit inadequate. It only makes the process more difficult and too hard. The aim of our project is to develop a system that meant to partially computerize the work performed as maintaining all the records of payments, vendor information, generation of MIS report, generation of detailing and billing reports at the month end on daily basis as. Vendor is provides vehicle to the travel agency and generate its own report as per request with the help of records which is stored by using mobile application in the form of attributes such as employee name, pick up location, pick up time, drop point, drop

location etc. Then all these reports which is in the travel agency are analyzed by system administrator and matched with other to make final report.

1.1 IDENTIFICATION OF PROBLEM

In the old manual system difficult to maintain the company details of packages, daily transaction of services, monthly payments, vendor information. Business loss occurs as cabs used by the vendors for personal work or benefit in the free time or after service time. So existing system suffering from a series of drawback, since whole system was to bemaintained with hands the process of keeping, maintainingand retrieving the information was very tedious and lengthy. The reference number should be shown in square bracket. However the authors name can be used along with the reference number in the running text. The order of reference in the running text should match with the list of references at the end of the paper. The current System of a company is very ancient and need to replace as companies business is expanding. All the existing system is traditional and lack of use of technology, therefore the process is very time consuming and lengthy as they register all the records in excel sheet only. This was creating problem in maintain data record at the end like profit and loss, total expansion etc.

1.2 OBJECTIVES

1. To provide a cost effective comfortable safe and more secure cab service system.
2. To provide efficient mechanism for managing cab service system.
3. Use of advance tools to generate different reports like MIS reports, report for bill payment etc.

2. SYSTEM OVERVIEW

Help in reducing the file work. Proposed system is fully

integrated. Huge time will be saved with this system. Database is maintain so properly so that managing and keeping record is very easy. As it is now on web it surely increase the growth of the business and profit will automatically increase.

3. SYSTEM ARCHITECTURE

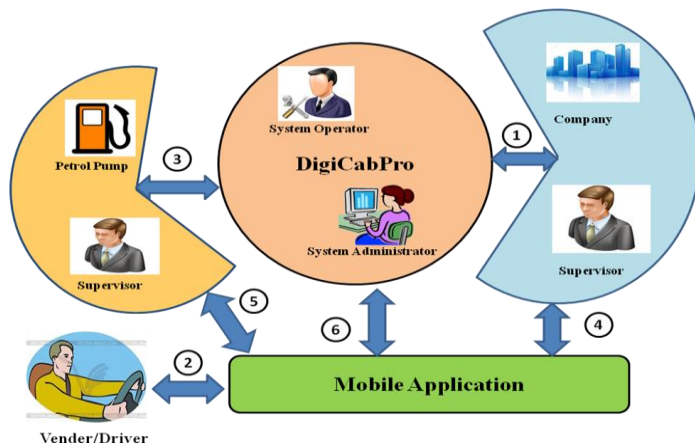


Fig 1. System Architecture

4. ALGORITHM

Step 1: Start

Step 2: Vendor/driver will pick up the employee of company that time he use the mobile application for submitted the time and location and send it to server or system.

Step 3: Also use when he go to the petrol pump that time also use mobile application with the help of petrol pump supervisor and send it to the server or system.

Step 4: Company supervisor also use mobile application from report generated and send it to server or system.

Step 5: On the basis of submitted information both reports are matches by system or server.

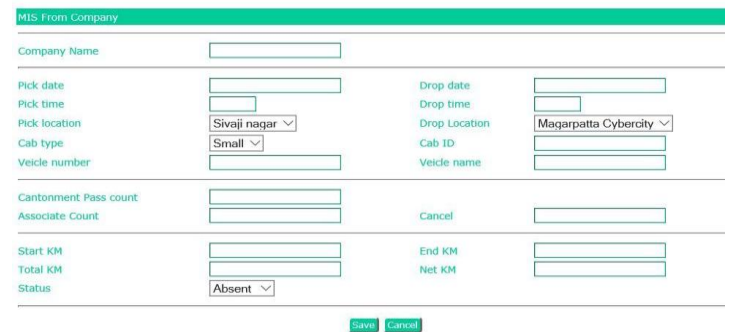
Step 6: If not matches then go to step 3.

Step 7: Then the system will generates Bill payments with help of define package amount further report will generated.

Step 8: Stop.

5. IMPLIMENTATION

5.1 MISFROMCOMPANY:



The screenshot shows a web form titled 'MIS From Company'. It contains several input fields and dropdown menus. Fields include: Company Name, Pick date, Drop date, Pick time, Drop time, Pick location (with a dropdown menu showing 'Sivaji nagar'), Drop Location (with a dropdown menu showing 'Magarpatta Cybercity'), Cab type (with a dropdown menu showing 'Small'), Cab ID, Vehicle number, Vehicle name, Cantonment Pass count, Associate Count, Cancel, Start KM, End KM, Total KM, Net KM, and Status (with a dropdown menu showing 'Absent'). There are 'Save' and 'Cancel' buttons at the bottom right.

Fig 2: MIS From Company

Description:

It is the core part of system that feeds information to all other entities these entities provides different types of relationship to build the whole system. which includes different types of attributes such as company name, pick date, pick time, pick location, drop date, drop time, drop location, cab type, cab ID, vehicle number, vehicle name, cantonment pass count, Associate count, cancel count, start kilo-meters, End km, total km, Net km and status.

5.2. COMPANY:



The screenshot shows a web form titled 'Company'. It contains several input fields: Company Name, Company Address, Company Location, Phone(Landline), Contract Start(date), and Contract end(date). There are 'Save' and 'Cancel' buttons at the bottom right.

Fig 3: Company

Description:-

Misfromcompany that provides the specific information about company which includes different types of attributes such as company name, company address, location of company, phone number, start and end date of contract. It also depends on misfromcompany through attribute cmpnynm which is foreign key from company.

5.3.VENDOR:

Vendor

| | | | |
|----------------|----------------------|----------------|----------------------|
| Vendor Name | <input type="text"/> | Vendor Address | <input type="text"/> |
| Owner Name | <input type="text"/> | Owner Address | <input type="text"/> |
| Vendor Contact | <input type="text"/> | Owner Contact | <input type="text"/> |

| | | | |
|----------------|----------------------|--------------|------------------------------------|
| Vehicle Name | <input type="text"/> | Vehicle Type | <input type="text" value="Small"/> |
| Vehicle Number | <input type="text"/> | Driver Name | <input type="text"/> |

Fig 4. Vendor

Description:-

It maintains the relationship between definepackage and petrolpump. It provides information through attributes such as vendor name, vendor address, owner name, owner address ,vendor contact , owner contact , vehicles name , vehical type, vehicle number ,driver name. it associate with misfromcompany through vhcclnm as a foreign key. And also table vendor associate with definepackage through vhccltyp.

5.4. DEFINEPACAKGE:

Define Package (All fields mandatory)

| | | | |
|-------------------|----------------------|----------------|----------------------|
| Package Name | <input type="text"/> | Package Type | <input type="text"/> |
| Vehicle Seat Size | <input type="text"/> | Vehicle Type | <input type="text"/> |
| Package KM | <input type="text"/> | Package amount | <input type="text"/> |

Fig 5. definepackge

Description:-

In the definepackage table all the details related to packages of vehicle are define like package name, package type, kilo meters, amount etc. It associates with the vendor that holds the information about package. Also svhcltyp as foreign key.

5.5. DIESEL PAYMENT

Diesel Payment (All fields mandatory)

| | | | |
|-----------------|----------------------|--------------|----------------------|
| Vendor | <input type="text"/> | Petrol pump | <input type="text"/> |
| Vehicle No. | <input type="text"/> | Vehicle Type | <input type="text"/> |
| Diesel(ltrs.) | <input type="text"/> | Total amount | <input type="text"/> |
| Supervisor Name | <input type="text"/> | Mobile No. | <input type="text"/> |

Fig 6: Diesel payment

Description:-

In the dieselpayment table includes the all details of diesel payment like diesel litters, petrol pump name, total amount of petrol etc. It associates with definepackage thought the svhcltyp as foreign key.

5.6. CONTACTMANAGER:

Contact Manager

| | |
|--|----------------------|
| First Name | <input type="text"/> |
| Last Name | <input type="text"/> |
| Email | <input type="text"/> |
| Telephone | <input type="text"/> |
| <input type="button" value="Add Contact"/> | |

Fig 7: contact manager

Description:

It is indivisual field that feeds the information about customer, are define like customer, lastname, email, telephone.

6. CONCLUSIONS

We propose a new system approach in wed based application for cab service management. Our system used to reduce time complexity and human resource also used to reduce manual file work with high security levels for system.

REFERENCES

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