**PROGRESS REPORT:**

**Introduction:**

Transport management system project is developed to automate transport operation like payment, booking order, delivery report, generating transactions receipt etc. in a transport office. Using this system user can computerize transport office work like billing, tracking payments, creating report etc. The main job of the transporter is to provide transport service to consigner and consignee

**Existing transport management system:**

In existing system all work is done manually. In this system it is very difficult to find old records. Since all work is done manually, it takes time to give report to management regarding their query. To book an order user have to come transportation office. User can also not able to check his goods delivery status. All work is done on paper so it is error prone system. Sometime it is very difficult to manage all transport delivery. So, an automated system is needed to computerize all these activity.

**Proposed System:**

Proposed system will automate all the work done manually in existing transport system. It will store all the records of goods delivery. Using this system user can online check rates of transportation and routes to the destination. Here user can check everything online and can book his order to transport his goods. User can also manage billing operation of transportation. Admin can also check which truck is available for transportation and how long it takes to reach the delivery point. This system provides the basic components of a shared information system to support the collaboration, rates, routes, roles, transaction sets, documents, and information exchanged to facilitate the booking, execution, and settlement of any type of transportation movement.

Transportation management systems play a central role in supply chains, affecting every part of the process—from planning and procurement to logistics and lifecycle management. The broad and deep visibility afforded by a powerful system leads to more efficient transportation planning and execution, which results in higher customer satisfaction. That, in turn, leads to more sales, helping businesses grow.

Its main purpose is to maintain all the data in this software instead of paper work. It also saves times with help of automatic bill generation and saving the data for future purpose.

**2) FUNCTIONALITY :-**

1.Employee Login:

Employee from a company login into the application and then enters the daily requirements. He updates the company details as per the invoice received by him and then works accordingly. He checks the requirements of transportation and assign a driver for transportation.

1.Company details:

Employee updates the details of new company or old company according to updates.

2. Vehicles details:

Each vehicle is registered with its license plate, number and other important details into database by employee.  
  
3. Driver details:

Employee updates the details of new driver or old driver according to updates and with its verification of age and license.

After assigning driver for transportation the goods are sent to company and at the end after job is done it is registered into entry and automatic bill is generated according to rates of transport.

This E-bill is sent to respected company by email or message.

3) **PROGRESS :-**

We have used real life example of my friends business to maintain transport management data to reduce labour work.

1. Main Page(Dashboard)
2. Sign up page(Login)
3. Daily Entry.
4. Details of Company, Driver, Vehicle.
5. E-bill Generation.
6. Database.
7. Database connectivity.

4) **FUTURE UPDATION :-**

1. GPS (To track vehicles):

To track vehicles and pin point the location if something goes wrong.

1. Report Form (To update the application according to requests from customers).
2. Area wise selection of vehicles and Drivers in that particular area.

**Expected Results:**

By this system all the manual work will be reduced and it will also help in maintaining and retrieving data becomes easy. All data will be stored in system and electronic bill will be generated which will reduce human error. It will save time and will maintain and track all vehicles and driver details. Company will just send invoice and delivery of goods will be at door step with one click.