**Software Proposal for the Goods Management.**

* Client : HI TECH SYSTEM , Patana
* Vendor : Teb Softwares, Navi Mumbai

This is real time reporting solution to the contractors and transporters. Contractors and his employee can see the details of the transportation of their goods and warehouse stock.

* Application will be available on the mobile and web.
* Application will be accessible by user id and password.

**High level Diagram**.

WeighBridge4

WeighBridge3

WeighBridge2

Weighbridge 1

Warehouse3

Warehouse2

Warehouse 1

Rail-Source

1. Single way data collection

**Following data we can collect at weighbridge 1**

1. Unique Slip No. (e.g Number 00099233)
2. Batch Id / Train ID (e.g Number B00045544)
3. Vehicle Count No (e.g 1,2,3)
4. Vehicle No (e.g ”MH43AW0302” )
5. Gross Wt
6. Tare Wt
7. Net Wt
8. Date/time-First wt
9. Date-Time- second wt
10. Material Type
11. Material Age
12. Material Quality
13. Proposed Bags
14. Remark
15. Status

**Status of Slip will be like**

* SOURCE TARE WT COMPLETE
* SOURCE GROSS WT COMPLETE
* ON THE WAY TOWARD TARGET
* TARGET GROSS WT COMPLETE
* TARGET TARE WT COMPLETE

**Following reports we can show on Mobile and web**

1. Log in using contract credentials
2. Report 1
3. Select date and list todays Train Id / Batchid
4. Fields are :

* Slip No
* Batch id
* Vehicle No ,
* Net Wt,
* Material Type,
* Proposed Bags,
* Loading time
* Net wt at source
* Net wt at Target
* Status
* Transportation Time :
* Unloading time:

1. Report 2
2. list batch id
3. Fields are :

* Warehouse Name/Id ,
* Material Type,
* Current Stock,
* Yesterday’s Stock,
* Week before Stock
* Month before Stock

**Technical Details:**

* Hardware: monitor (18.5 inch), keyboard, raspberry Pi , mouse.
* Software Details: UI/App, API, Cloud Application Server (AZURE web app service) ,Cloud Database server (MySQL).

**Task Details:**

1. UI / Application Design.
2. Programming.
3. Cloud Server configuration.
4. API design and development.
5. Website design and development.
6. Mobile app design and development.

**Development Time (only for above 2 reports): 30 days**

1. UI / Application Design( 5 days).
2. Programming(10 days).
3. Cloud Server configuration(2 days).
4. API design and development(5 days).
5. Website design and development( 8 days).
6. Mobile app design and development (NA).

**Costing:**

* Hardware Cost: Rs 15000/ unit
* Software Development Cost: Rs.60000/-
* Server and Cloud Cost (Yearly) : 1,00,000
* Total cost : 1,75,000/-

Note: Reports can be added and modified as per requirements.