

This software was developed in collaboration with a water supply company. It aim to solve to major challenges that company face

1) Reducing unread meter per month

With number of customers increase it becomes obvious that reading all the meter in timely manner is a challenge also storing data for each client is an issue to

2) Delivering bill information to customer timely

There is a gap between when the meter is read and the customer gets information. This due to the fact that once department reads meter and other department process information and prepare bills

Solution we came up with was a web based software that simplifies reading meters and also delivers bills information to customers instantly.

System has several parts that work gother to archive this.

1) Sale

This is the starting point of the system. Here is where customers are being registered and. All information registered here will be important to other parts of the system

2) Technician part.

This part is special for reading the customer's meter. A Technician will use either meter number or customer phone number to search information. Then the system will return data on which he will choose the appropriate customer based on data being displayed.

Then he will just enter numbers that are current on the customer water meter.

System keeps data read before and it will automatically compute units without input form then technician.

3) Customer.

As soon as the technician finishes input meter data on the system. Customer will automatically receive his current bill via text message. Text message will also include information about previous unpaid bills

4) Finance.

System also supports the finance part. This part has functionality like bills payment and report. Report includes unpaid bills based on month and a year.

5) Store

Here the system captures inventory of water company, this include what is being used and bought and remains. This do not interact with billing system but it rather to support day to day activities

6) Manager

This part of the system is for branch manager. It includes registration of system user, reports, bills and customer management. This interface acts as branch administration.

This also support unit price, which is used to calculate monthly bill

System can be customized based on clients needs