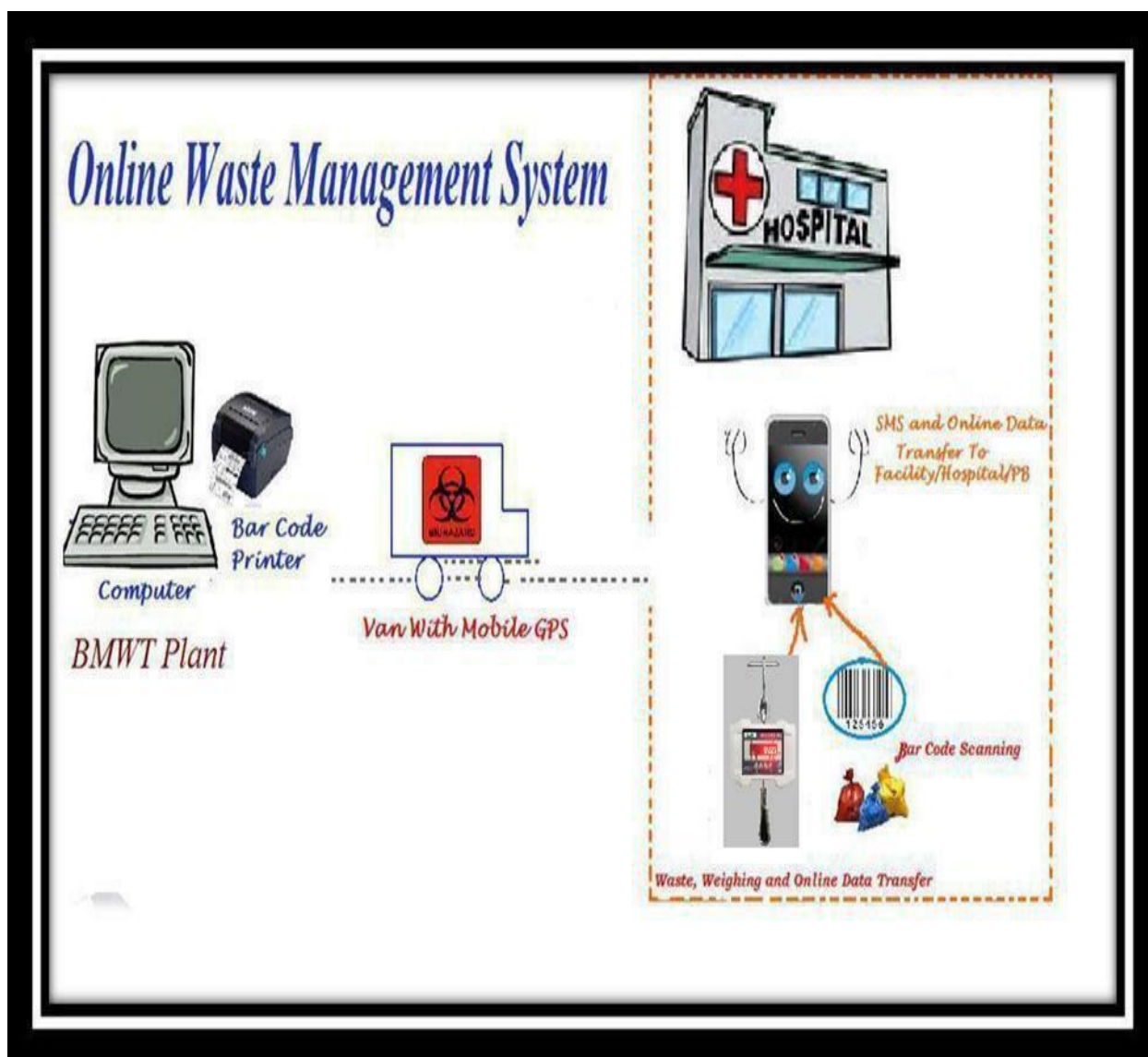


# ONLINE WASTE MANAGEMENT FOR BIOMEDICAL WASTE TREATMENT PLANT

The latest technology for the Bio Medical waste treatment plant with GPS and Barcode/QR code scanning



**MODEL: WASP PTA1**

## Bio-Medical Waste Management

Main computer shall be placed at the BMWT plant which will show the movement location of vehicles going and coming for waste collection to different hospitals/collection points and shall also display store and transmit complete data of all the waste collection on server. **No additional computer is required. Your existing PC & Printer perform all the functions of Management system. Only software shall be provided.**

**SMS** optional(SMS facility shall be available which will send SMS to 3 different mobile at the time of collection of waste giving details of type of waste, weight of waste, time of collection and collection point location.

**GPS location of all the vehicles** moving right from the starting point of plant, collection points and till return to the plant shall be displayed and recorded.

The system is very simple and effective which shall revolve around **mobile phone** being carried by driver of each vehicle going out for collection and shall effectively operate as multiple device performing as GPS device, barcode/QR code scanning, data storage of weighing scale (through Bluetooth) recorded at collection points and transmitting online data to the base station computer located in plant and server. **The mobile phone shall not have any phone dialing or receiving (if mobile phone supplied by us)**

### **Main Features**

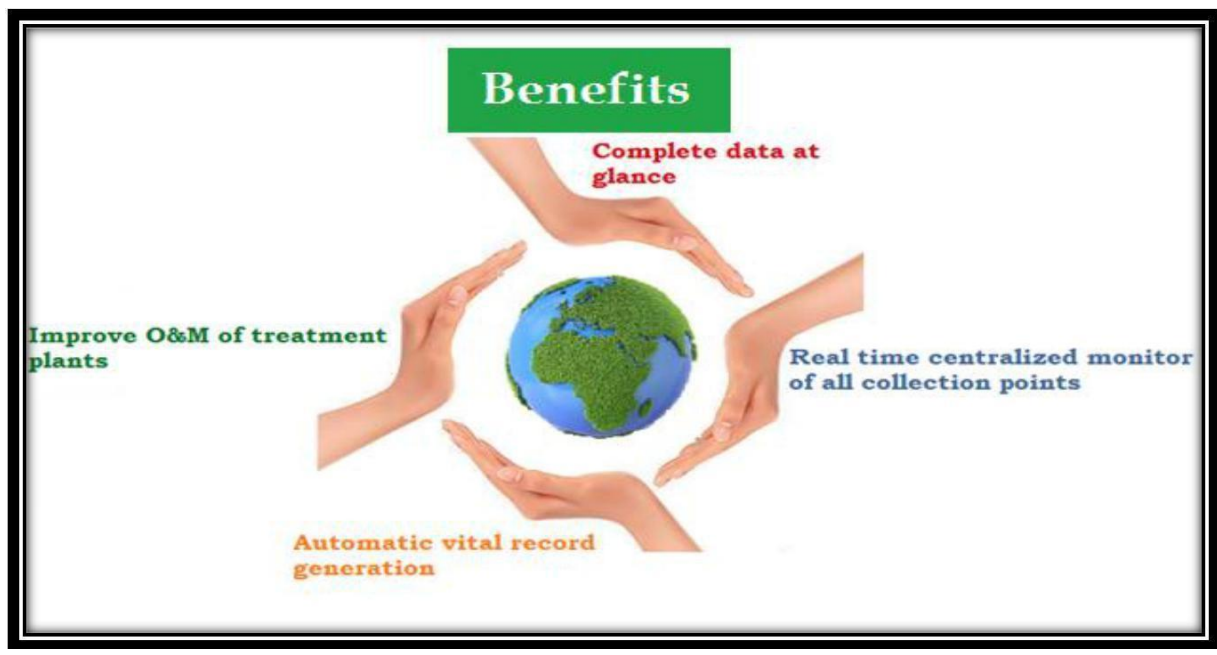
- Daily Visit Report of individual Vehicle and daily collection report of all collection centers.
- Data of individual waste collection point **with time, date, bar/QR code scan details for type of waste, weight of waste, driver code and plant code.**
- Monthly Individual report of all collection centers with total weight of the month along with **date and time of collection.**
- GPS movement route of individual vehicle.

- Secure QR code (Barcode).
- Data storage for up to three months on server. No dedicated PC required.
- Up to maximum **20 Vehicles** can be interlinked to main frame computers located at BMWT plant. Means up to 20 waste collection vehicles can be integrated to one facility.
- Barcode/QR code scanning, weighing data, GPS, Online reports and SMS (optional) through mobile phone being carried by vehicle driver.
- Low inventory cost. Since the main device shall be mobile phone, weighing scale having capacity of 40 Kgs.
- Easy to operate since no wiring between weighing scale and no need of external bar code/ QR code scanner. Mobile camera scans the barcode/QR code and weighing scale is connected to mobile by blue tooth. Also the collection point is confirmed by GPS, collection point code and SMS sent immediately after collection of waste to collection point mobile, BMWT specified mobile and State Pollution Board mobile (optional).
- Server Connectively for complete data transfer possible to state/central pollution board as required through user friendly cloud based API protocol/ftp protocol. (**Optional**).
- Barcode/QR code printer facility at the BMWT plant. Assistance in software from our end. Each collection center shall have unique barcode/QR code address. Duplicacy of QR code not possible if once scanned. Plant owner shall be **selling these barcodes/QR codes to individual collection center**.
- The complete cost of our Online Waste Management is recovered in 6 to 7 months.
- Shortly we shall introduce ONLINE Monthly Payment collection facility directly interlinked to individual waste collection.



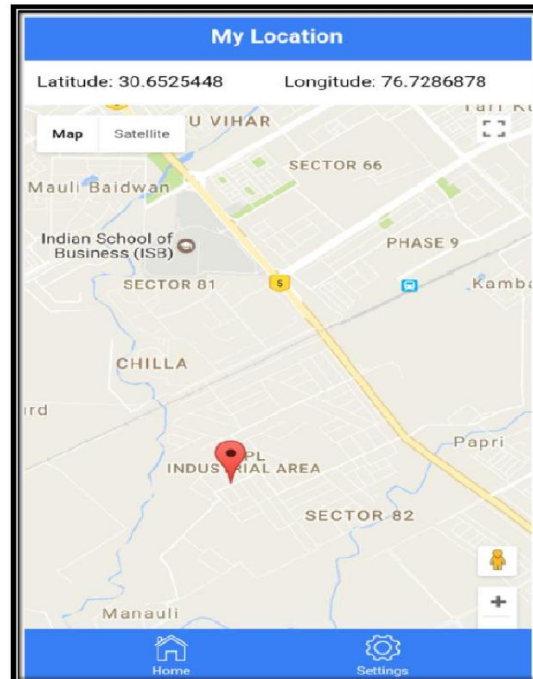
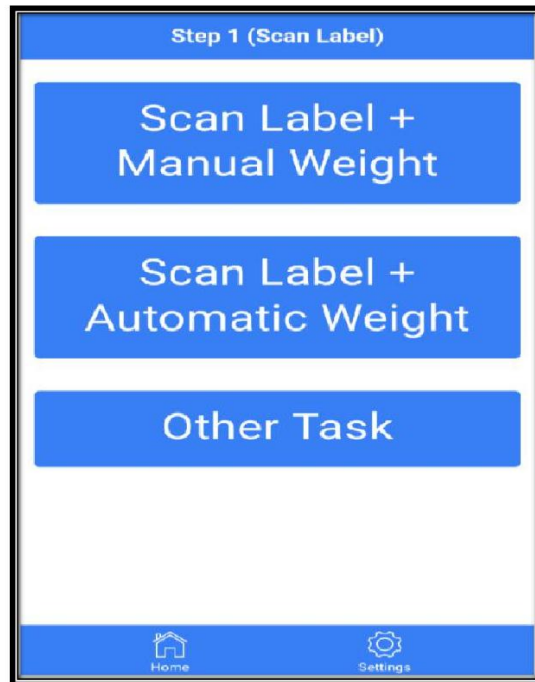
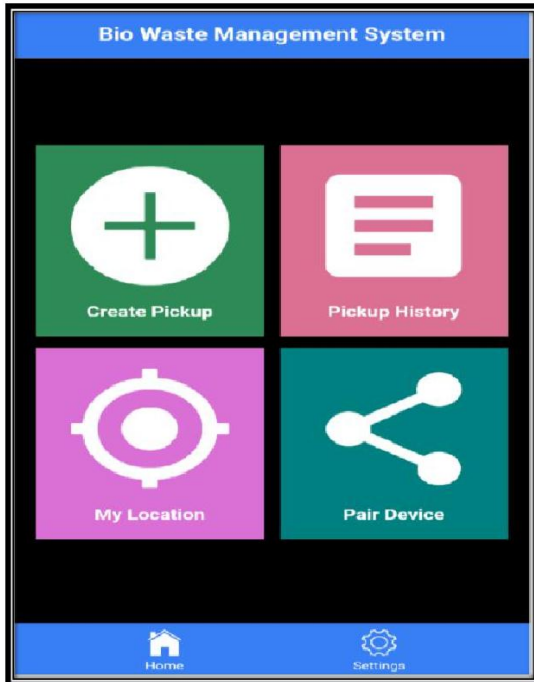
Excel sheet for individual collection center on weekly and monthly bases with summed up data of total weight, type of material and time of collection.

Cheap, simple and reliable operations since the whole system revolve around mobile phone, wireless weighting scale connected to server



**ONLINE PLATFORM FOR BMWTP**  
with GPS, Bag scanning and weight management and report

***Mobile Platform:***



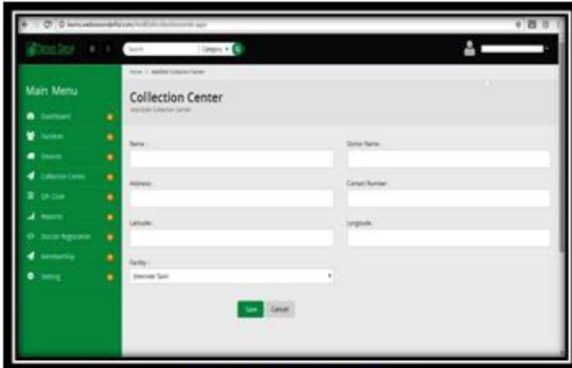
## PC Platform:



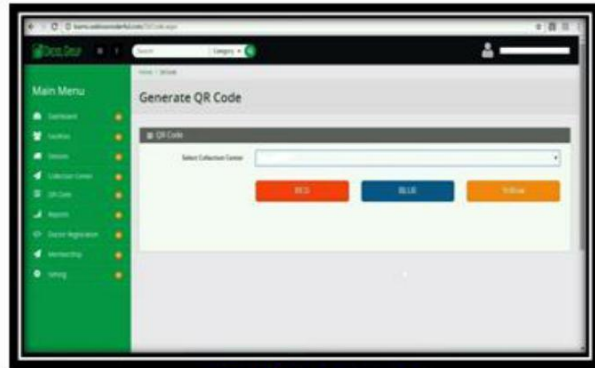
DASHBOARD



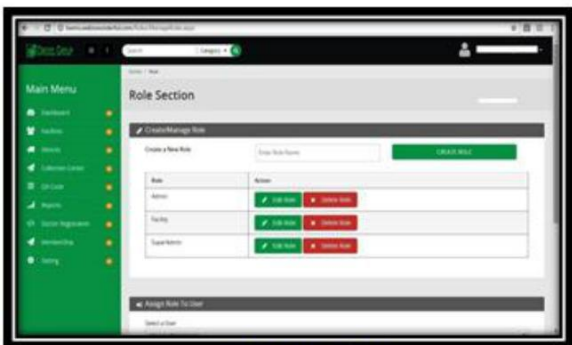
FACILITIES



COLLECTION CENTER



GENERATE QR CODE



ROLE SECTION



REPORT



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