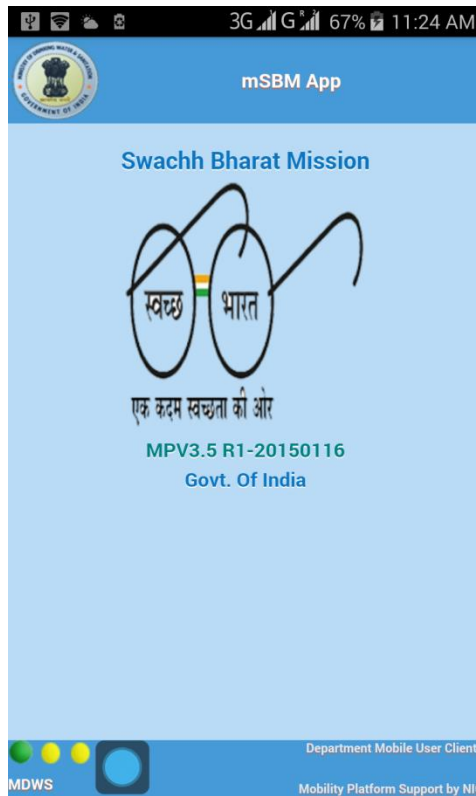




**User Manual**  
**Swachh Bharat Mission**  
**(Mobile Application)**  
**Ministry of Drinking Water and Sanitation**  
(Last Updated on: 13 October 2015)



**Prepared By**  
**National Informatics Center**  
**Department of Information Technology**  
**Ministry of Communications and Information Technology**  
**Govt. of India**

## New Delhi

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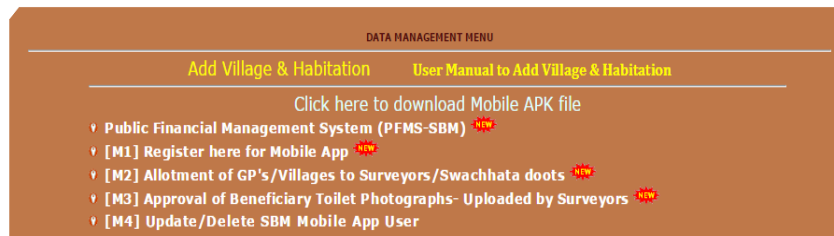
## 1. Introduction

The Ministry of Drinking Water & Sanitation, Government of India, is the nodal Ministry for monitoring progress under the Swachh Bharat Mission, at the central level. The **mSBM** mobile App has been developed by the Ministry in technical collaboration with NIC. Using this App, user can upload the photographs of beneficiaries receiving toilet facilities in their homes under this Mission, using a smartphone. While capturing the photograph, latitude and longitude of the location as well as date – time stamp is recorded automatically and gets uploaded on the central server of the Mission which is housed in the National Data Centre.

One can register for using the **mSBM** App through registration form which is available on the website <http://sbm.gov.in> by logging into the system. At present this facility has been provided to state government officials, as a tool for reporting progress of Swachh Bharat Mission activities, to the central Ministry.

## 2. How to register for mSBM App

- Go to <http://sbm.gov.in>
- Login with credential provided to State/District level field functionaries
- After login, click on “**Click here to Register for Mobile App**”



- Select “**Mobile Registration**”

State Name:- HIMACHAL PRADESH District Name:- MANDI

**Mobile Registration** [Logout](#)

IMEI No. of Device  Dial (\*#06#) to know IMEI no.

User Name  [Check User Id Availability](#)

Password

Confirm Password

Data collector Name

Mobile

Designation

Gender  Male  Female  Transgender

Choose Level  Gram Panchayat  Village

Email ID

Address

All above fields are mandatory

[Click here to Submit user details](#)

- To know your IMEI number dial “\*#06#” from your phone.
- Click on “check user id availability” to see whether the requested user id has already been assigned to another user. If the entered **user name** exists in the database, the system would display a message “**User name already exists**” and the user remains in the same form for entering an alternate user name.
- If the **User name** does not exist, the system allows the user to register against the entered **User name** through which the user would be allowed to use the app

### 3. Allotment of GP's and Villages

DATA MANAGEMENT MENU

[Add Village & Habitation](#) [User Manual to Add Village & Habitation](#)

[Click here to download Mobile APK file](#)

- ▼ [Public Financial Management System \(PFMS-SBM\)](#) NEW
- ▼ [\[M1\] Register here for Mobile App](#) NEW
- ▼ [\[M2\] Allotment of GP's/Villages to Surveyors/Swachhata doots](#) NEW
- ▼ [\[M3\] Approval of Beneficiary Toilet Photographs- Uploaded by Surveyors](#) NEW
- ▼ [\[M4\] Update/Delete SBM Mobile App User](#)

- Select “**Allotment of GPs & Villages**” This option will enable access to beneficiary names in the selected village/habitation when the app is being used by the swachhata doots/surveyors

Allotment of GP's/Villages to Surveyors/Swachhata doots

Logout

State Name :-HIMACHAL PRADESH      District Name :-MANDI

Select Type :- Villages Allocation  
 Select User :- akanshajain  
 User Level:-  
 Select Block:- BALH  
 Select Grampanchayat :- BHADYAL (SDR)

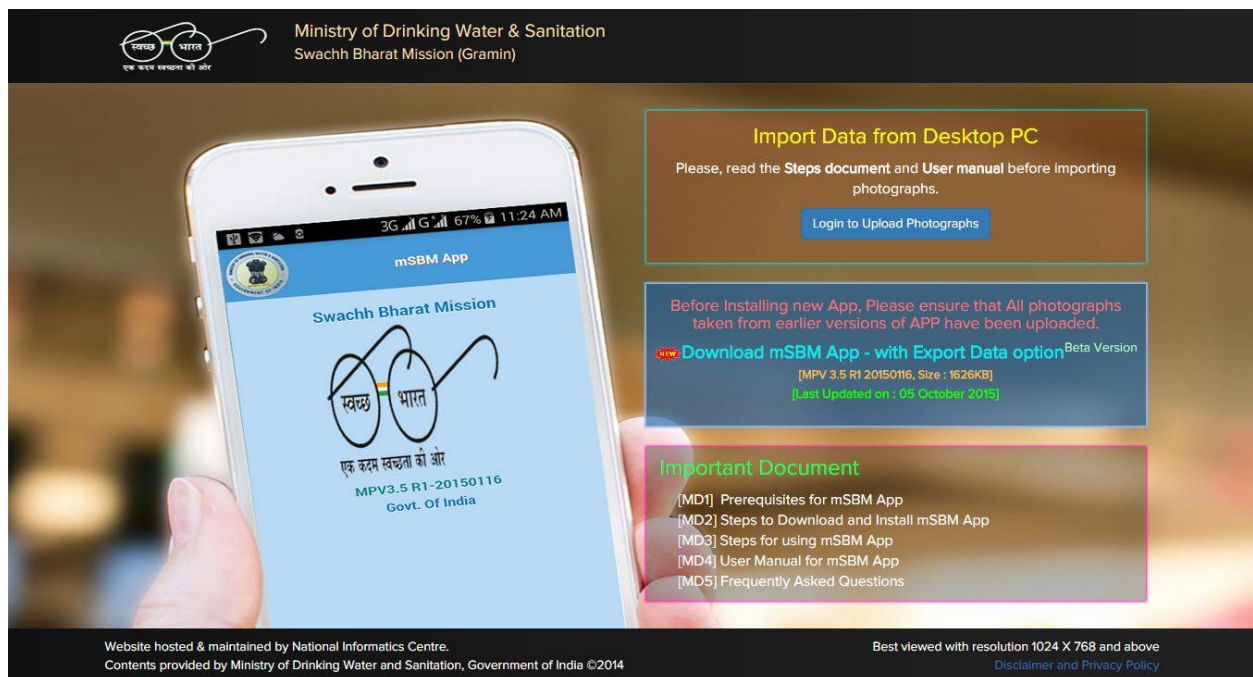
Check to Allocate GP's/Villages

Sl.No.	Village Name	Is Allocate
1	Tikar Kalan	<input checked="" type="checkbox"/>
2	Bhuryal	<input checked="" type="checkbox"/>
3	Malvana	<input type="checkbox"/>

#### 4. How to download app

- Go to <http://msbm.gov.in>
- Download the application APK file from “Download mSBM App – with Export Data option”.



Ministry of Drinking Water & Sanitation  
Swachh Bharat Mission (Gramin)

**Import Data from Desktop PC**  
Please, read the Steps document and User manual before importing photographs.

Before Installing new App, Please ensure that All photographs taken from earlier versions of APP have been uploaded.  
**Download mSBM App - with Export Data option** Beta Version  
[MPV 3.5 R1 20150116, Size : 1626KB]  
[Last Updated on : 05 October 2015]

**Important Document**

- [MD1] Prerequisites for mSBM App
- [MD2] Steps to Download and Install mSBM App
- [MD3] Steps for using mSBM App
- [MD4] User Manual for mSBM App
- [MD5] Frequently Asked Questions

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- Once you download, an APK file by the name of “**mSBM\_20150116.apk**” will be downloaded on your mobile device/Smartphone.

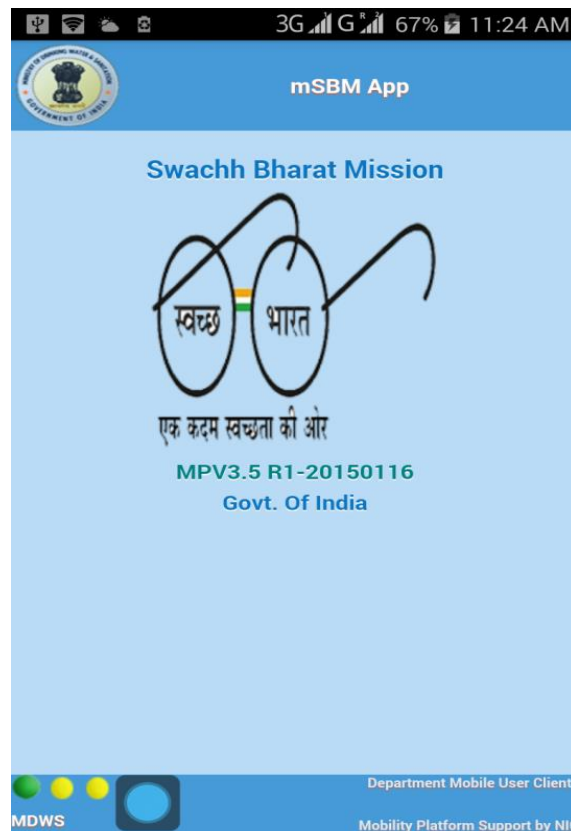
## 5. How to install the app

- If you have downloaded the APK on a computer, then you need to transfer it to your Smartphone using USB cable. Once you have the APK on your mobile, you need to install it.
- Make sure that the first selection, Unknown Sources, is checked (on some phones, this might be under Settings->Security). This is to allow you to download an application that is not part of the Android market
- Once the installation is done, you can use the application.

## 6. Starting the application

To start the **mSBM** application, follow the steps given below:

- Click on **mSBM** icon in application menu.

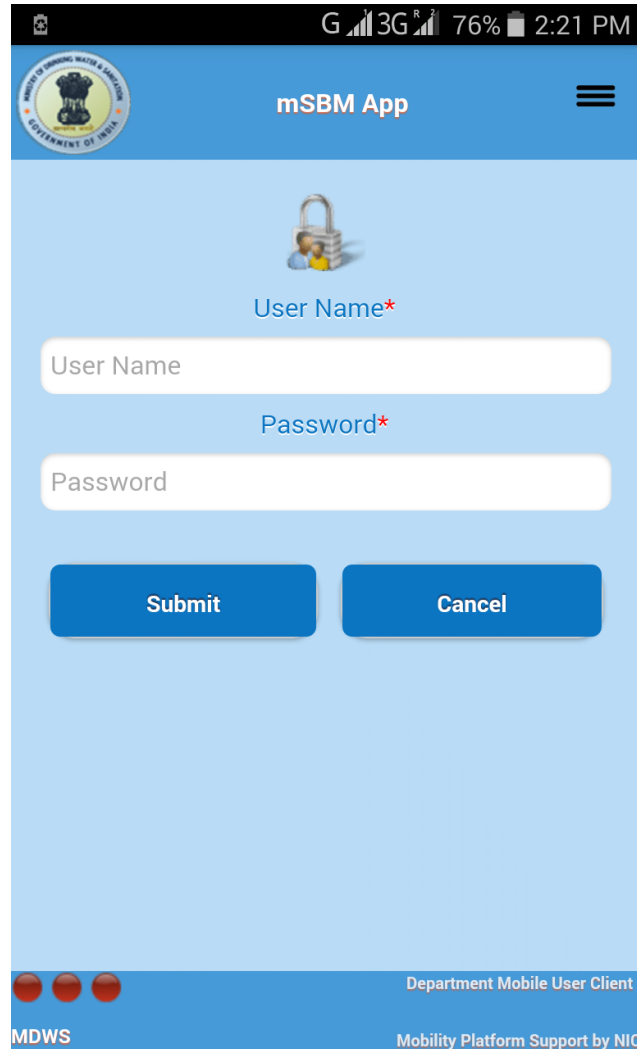


- On clicking the mSBM icon, the application starts and display Login page. The Login page contains the following options:
  - About us.
  - Update service.

iii. Exit.

## 7. Logging into the Application

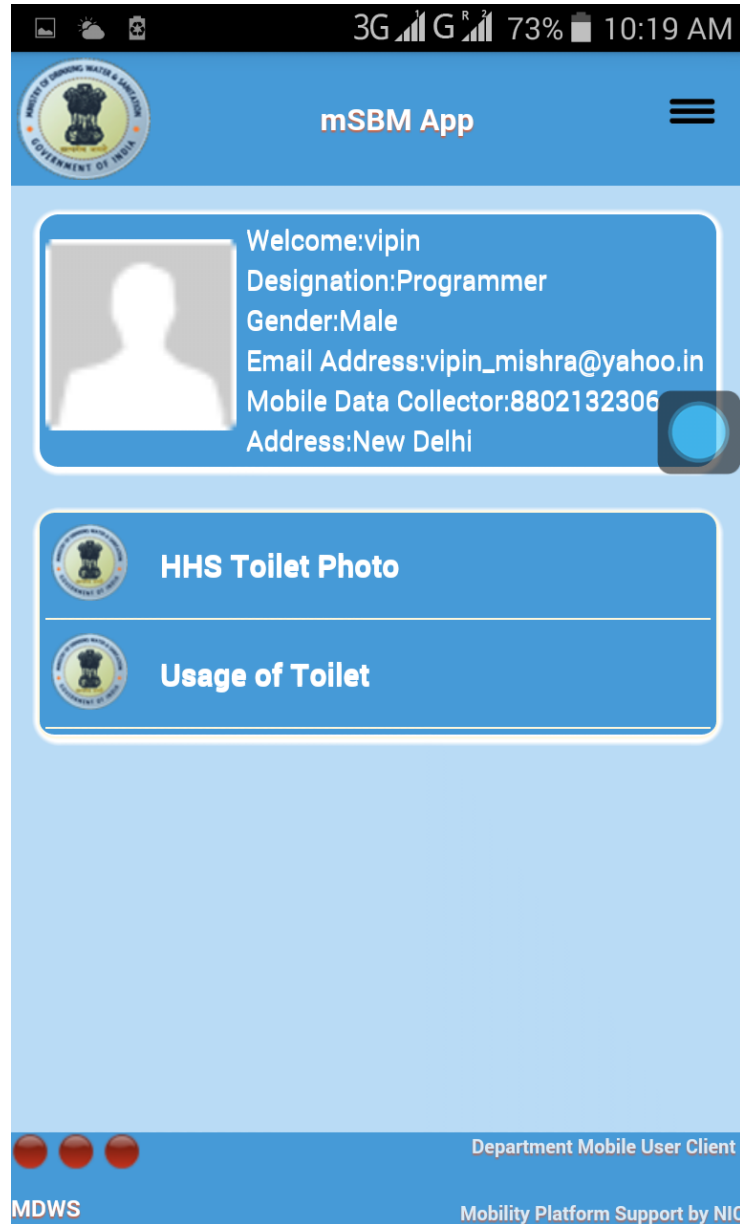
To Log in to the **mSBM** application and use the features provided in it, follow the steps given below:



The screenshot shows the login interface of the mSBM App. At the top, there is a blue header with the Government of India emblem on the left, the text 'mSBM App' in the center, and a hamburger menu icon on the right. Below the header, a padlock icon is centered, followed by the text 'User Name\*'. There is a white input field for the username. Below that, the text 'Password\*' is centered, followed by another white input field for the password. At the bottom of the form area, there are two blue buttons: 'Submit' on the left and 'Cancel' on the right. The bottom of the screen features a blue footer with three red dots on the left, 'Department Mobile User Client' on the right, 'MDWS' on the far left, and 'Mobility Platform Support by NIC' on the far right.

- Start the **mSBM** application.
- After the Login page is displayed enter valid Username (Registered mobile number) and Password and 'Submit'.
- The application validates the information.

- d. If the information is valid, User is asked to Update Master Service from server.
- e. After successful login, Dashboard is displayed





## 8. Register Household Toilet Photograph

GP Name\* AJODHYA ▾

Village\* MUCHDANG ▾

Habitation\* MUCHDANG ▾

Bef HHS ID\* GOPAL BAURI ▾

<b>Family Head</b>	<b>GOPAL BAURI</b>
<b>Father/Husband</b>	<b>MATHUR</b>
<b>Gender</b>	<b>MALE</b>
<b>Card Type</b>	<b>Aadhar Card</b>
<b>Card Number</b>	<b>912384416109</b>
<b>Category</b>	<b>APL</b>

Toilet Exists\* YES ▾

Latitude \* 28.5890626

Longitude \* 77.2357403

Re-take Photo

[Click Here](#)

**Register HHS Toilet Photo**

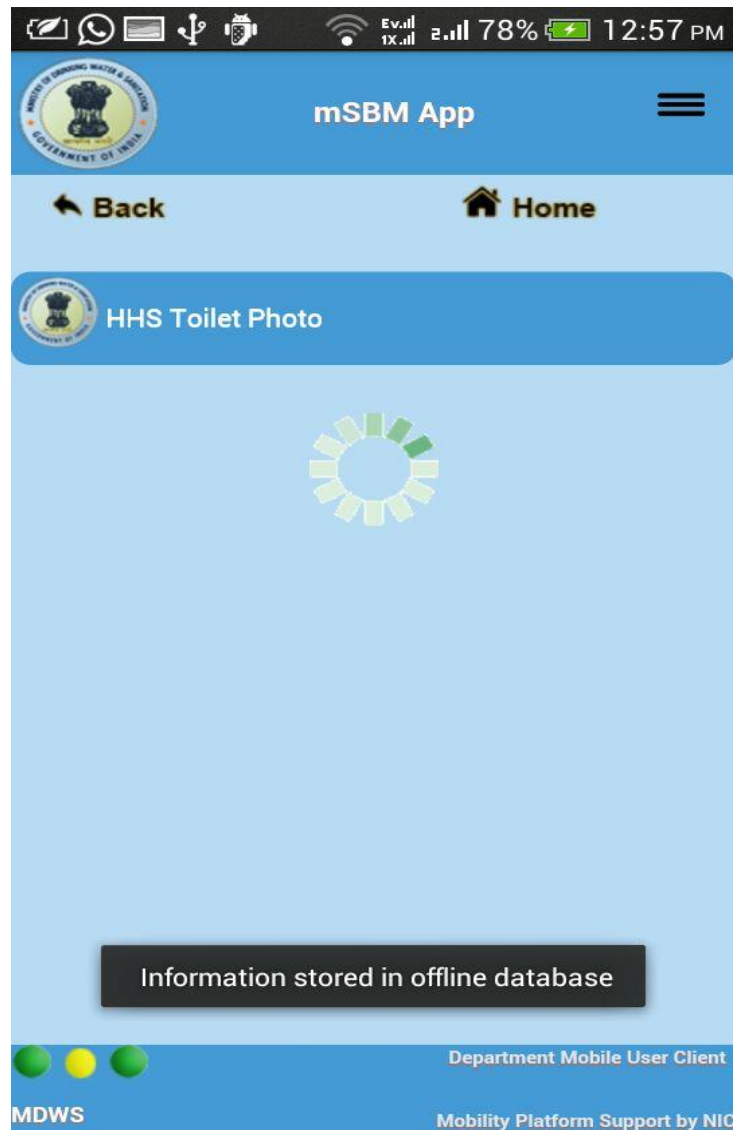
Department Mobile User Client

MDWS

Mobility Platform Support by NIC

- a. Once you are in the application follow the following instructions:
  - i. Select GP Name.
  - ii. Select Village Name.
  - iii. Select Habitation.

- iv. Select Beneficiary ID.
  - v. Select Toilet Exists.
  - vi. Capture the Photograph
- b. Once you capture the photo, you can save or discard the photo. If you want to take new photo then you can select “Re-take” and if you want to continue with captured photo then you can “**Register HHS Toilet Photo**”. Date, time, latitude and longitude will also be saved with the photo.



- c. A message “**Information stored in Offline database**” will be displayed when the photo is successfully registered.

- d. User can take as many photographs as required if user is wants to use **Export Data** option only.

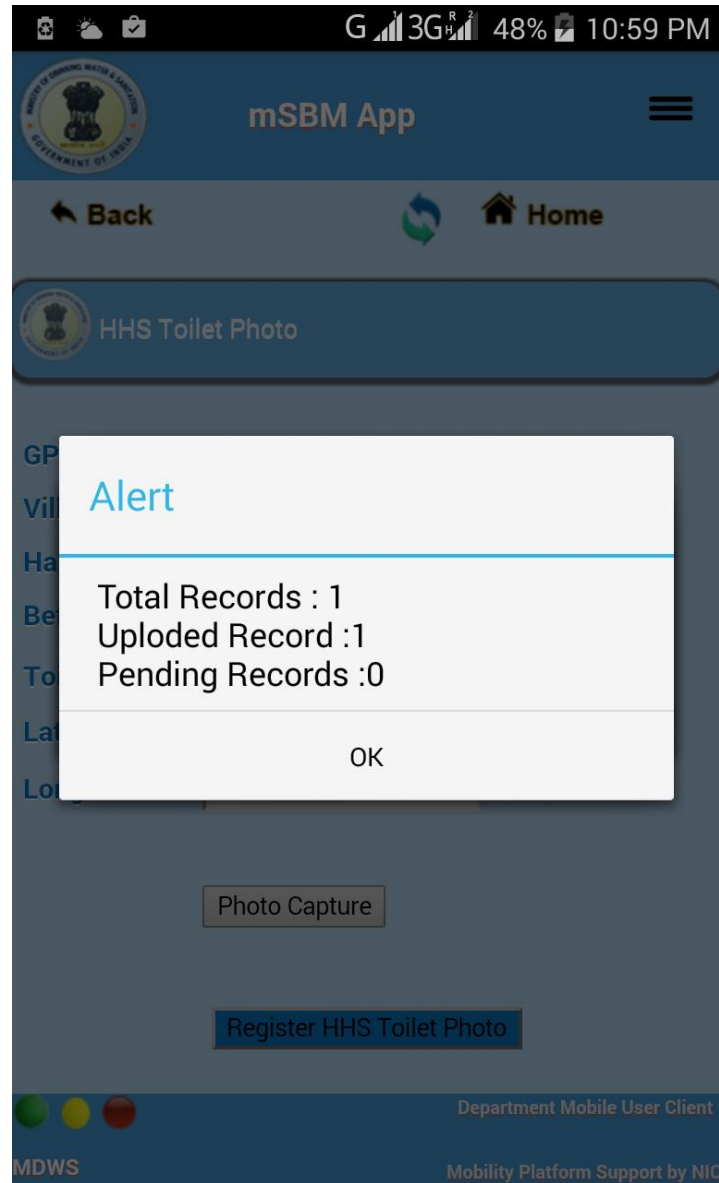
### 9(A). Upload Photographs using **UPLOAD/SYNC DATA**

The screenshot shows the mSBM App interface for HHS Toilet Photo registration. The form includes the following fields and options:

- GP Name\*: --select--
- Village\*: ---Select---
- Habitation\*: ---Select---
- Bef HHS ID\*: ---Select---
- Toilet Exists\*: --select--
- Latitude \*: 28.5890647
- Longitude \*: 77.2358119

Below the form, there is a 'Photo Capture' button. At the bottom of the screen, there are three main action buttons: 'Register HHS Toilet Photo', 'Upload/Sync Data', and 'Export Data'. A red arrow points to the 'Upload/Sync Data' button with the text 'CLICK HERE'.

- a. To upload photographs using mobile click on **“Upload/Sync Data”** and all the captured photographs will be upload in batch. The speed of photograph upload depends on the user’s mobile network connectivity.
- b. After Successful uploading of all photographs an alert message will be displayed.



## 9(B). Upload Photographs using **EXPORT DATA**

### I. Export Registered Photograph

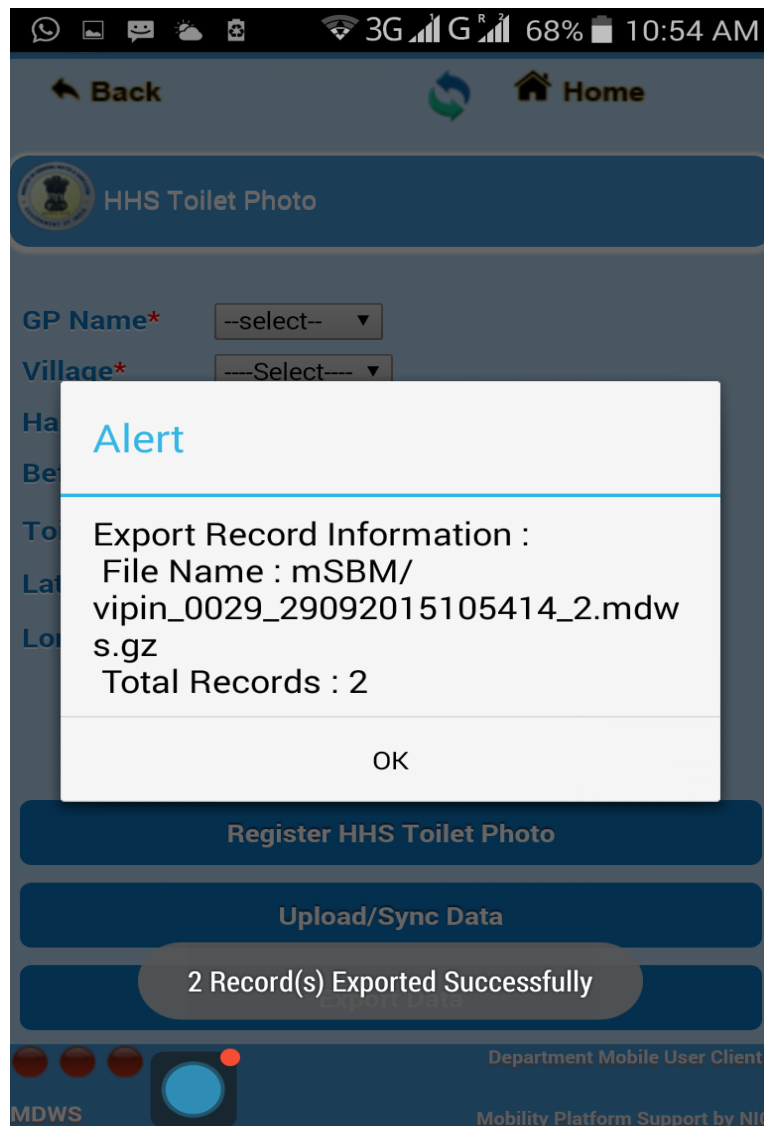
The screenshot shows the mSBM App interface for the 'HHS Toilet Photo' registration. The form contains the following fields and buttons:

- GP Name\* (Dropdown menu: --select--)
- Village\* (Dropdown menu: ---Select---
- Habitation\* (Dropdown menu: ---Select---
- Bef HHS ID\* (Dropdown menu: ---Select---
- Toilet Exists\* (Dropdown menu: --select--)
- Latitude \* (Text input: 28.5890647)
- Longitude \* (Text input: 77.2358119)
- Photo Capture (Button)
- Register HHS Toilet Photo (Blue Button)
- Upload/Sync Data (Blue Button)
- Export Data (Blue Button)

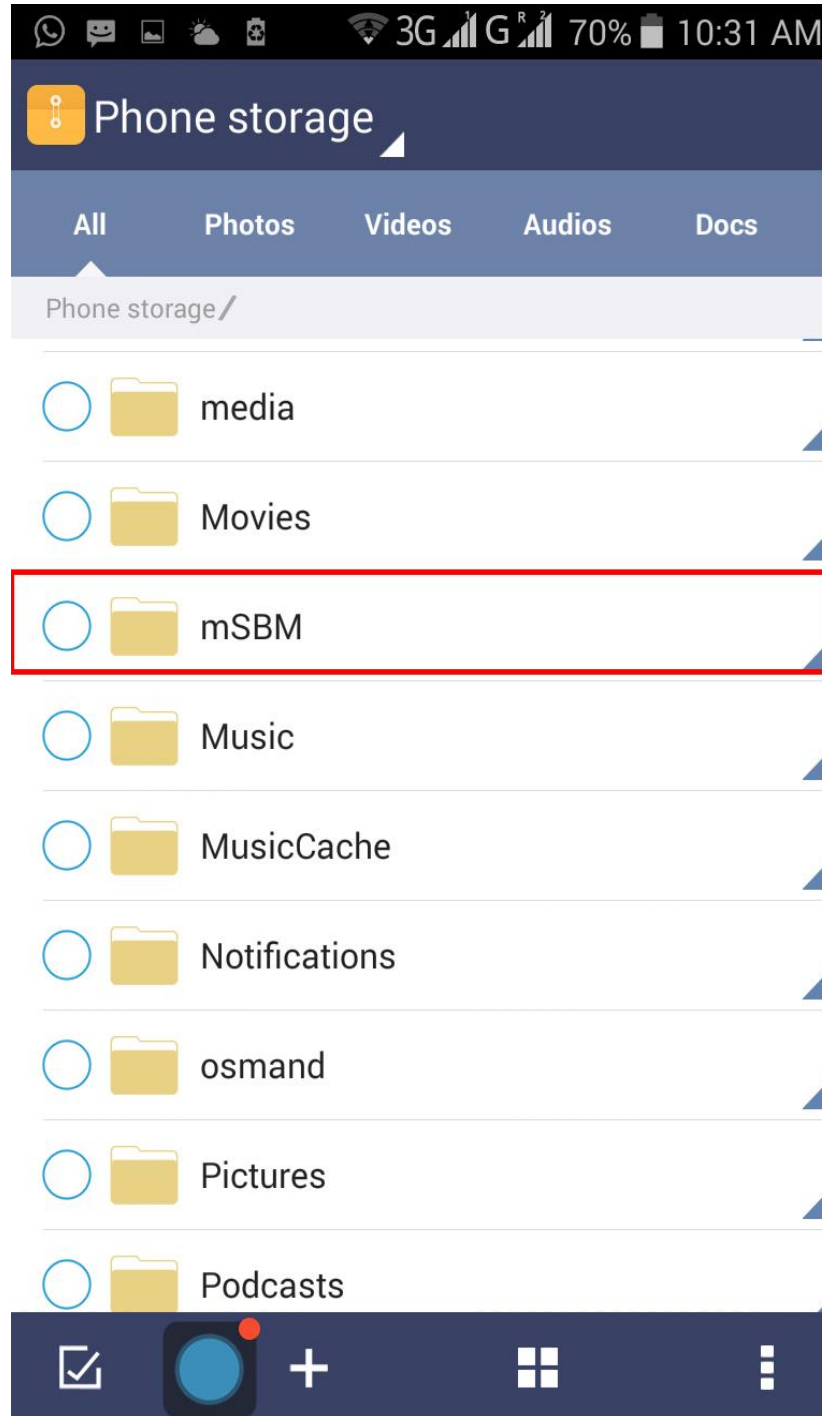
A red arrow points to the 'Export Data' button with the text 'Click Here'.

- Once the one or more photographs are successfully registered or stored in Offline Database, there will be an option “**Export Data**”.
- Click on “**Export Data**” to export the registered photographs.

- c. A message “Record(s) Exported Successfully” with total photo count will be displayed.
- d. An Export Record Information will display in alert box as “ **File Name :** **mSBM/{username}\_0029\_29092015105414\_2.mdws.gz**” where “mSBM” is folder name created automatically in Phone Storage, “0029” is service id(last 4 digits), “29092015” is date when data exported, “105412” is time in HH:MM:SS, “2” is number of photographs exported.

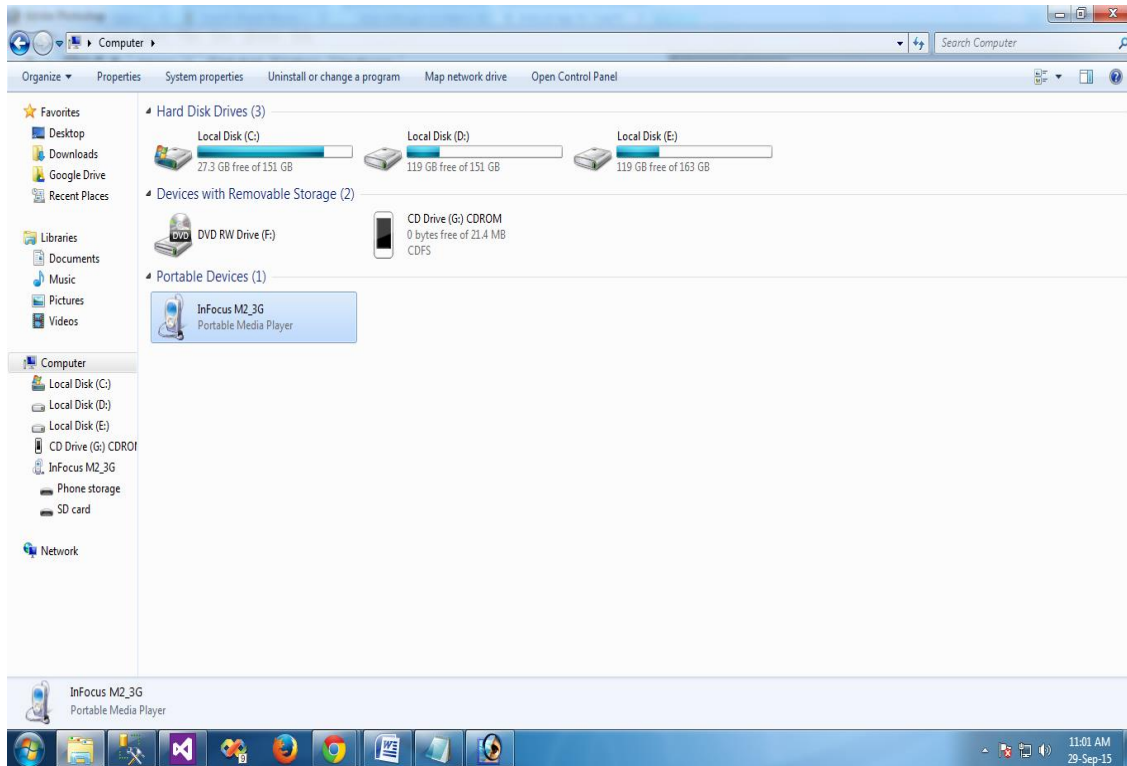


## II. Locate the Exported File



- Open **File Manager/File Explorer**. If there is no file manager or file explorer is installed in phone, download from play store.
- Go to Phone Storage and locate folder **mSBM**.
- Open folder mSBM. There will be list of imported file(s) named as **{username}\_0029\_29092015105414\_2.mdws.gz** (File name description has already been given above).
- Create a new folder** (for example, I created **mSBM\_Data**. Now this folder name will be used further, if required) outside folder mSBM.
- Select one or more file(s) from folder **mSBM** and copy or move them to newly created folder (i.e. **mSBM\_Data**).

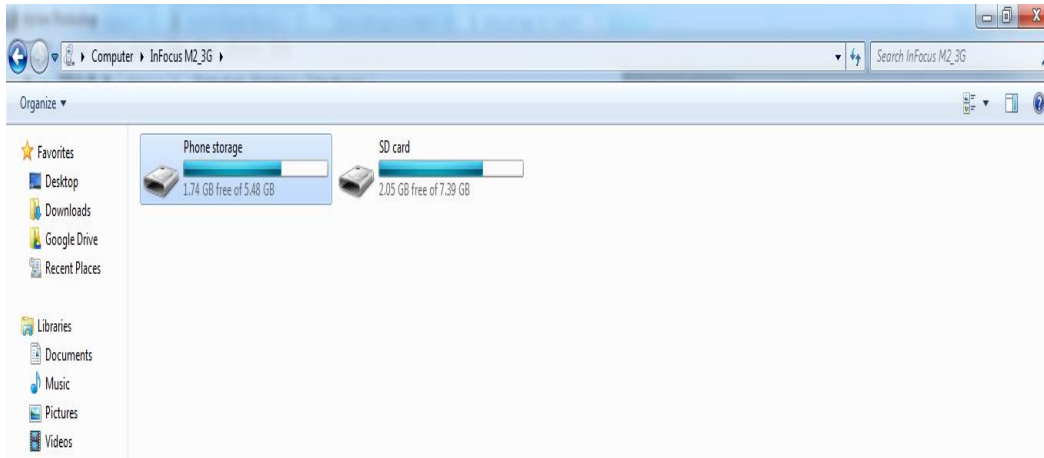
### III. Copy Exported File from Phone to Desktop



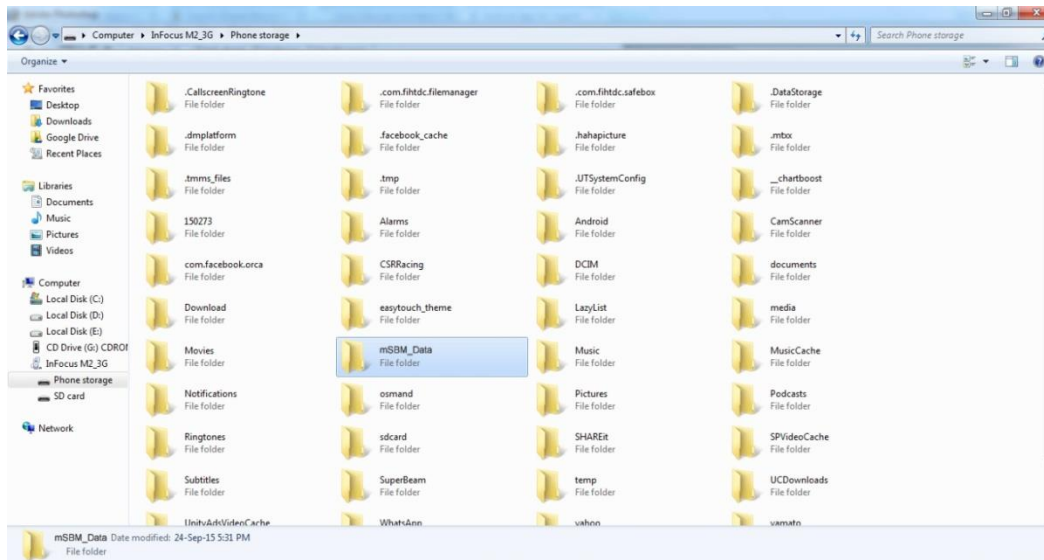
- Connect the phone to desktop PC with USB Cable.
- Click on “Phone icon” visible under section Portable Devices if phone is properly connected with desktop.
- Select Phone Storage.



- d. Locate the newly created folder (i.e. mSBM\_Data) where you have copied exported file(s) form folder **mSBM**.
- e. Open the Folder and copy exported file(s) to Desktop PC.



- f. Unzip all the files which are copied to desktop using Software **WinRar**. If not installed on computer download it from <http://www.winrar.com/download.html?&L=0> .



## IV. Logging In from desktop for Uploading Exported Files

- a. Go to <http://msbm.gov.in/>.

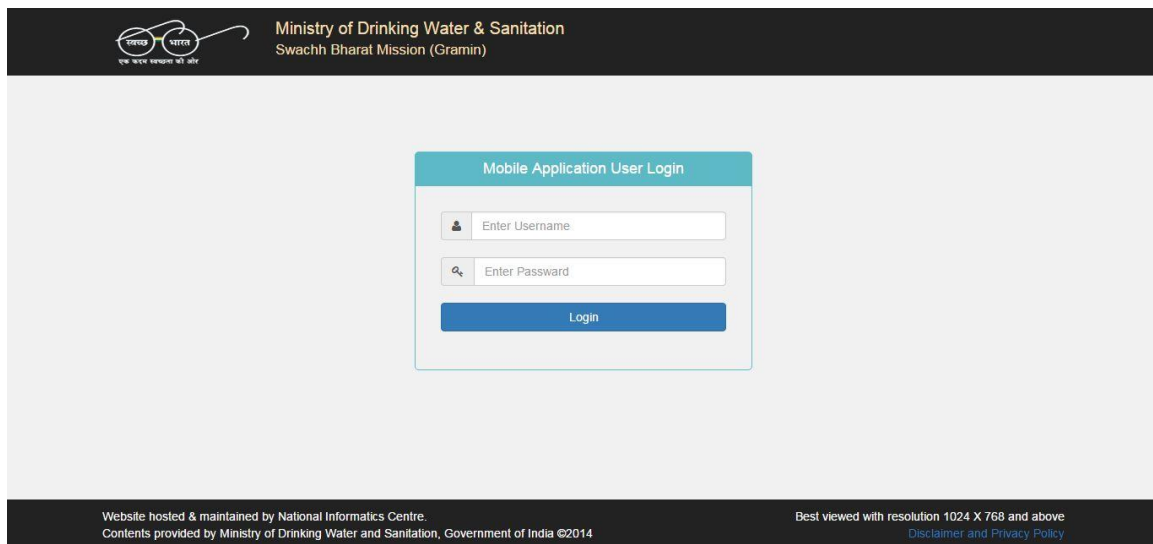


The screenshot shows the desktop interface of the mSBM App. On the left, a smartphone displays the app's splash screen with the Swachh Bharat Mission logo and the text "MPV3.5 R1-20150116 Govt. Of India". The main content area on the right contains several informational boxes:

- Import Data from Desktop PC**: A box with a blue button that says "Login to Upload Photographs".
- Before Installing new App**: A box with a red "New" tag and text: "Download mSBM App - with Export Data option Beta Version [MPV 3.5 R1 20150116, Size : 1626KB] [Last Updated on : 05 October 2015]".
- Important Document**: A list of links: [MD1] Prerequisites for mSBM App, [MD2] Steps to Download and Install mSBM App, [MD3] Steps for using mSBM App, [MD4] User Manual for mSBM App, [MD5] Frequently Asked Questions.

At the bottom, there is a footer with the text: "Website hosted & maintained by National Informatics Centre. Contents provided by Ministry of Drinking Water and Sanitation, Government of India ©2014" and "Best viewed with resolution 1024 X 768 and above Disclaimer and Privacy Policy".

- b. Click on Button “Login to Upload Photographs” for login.

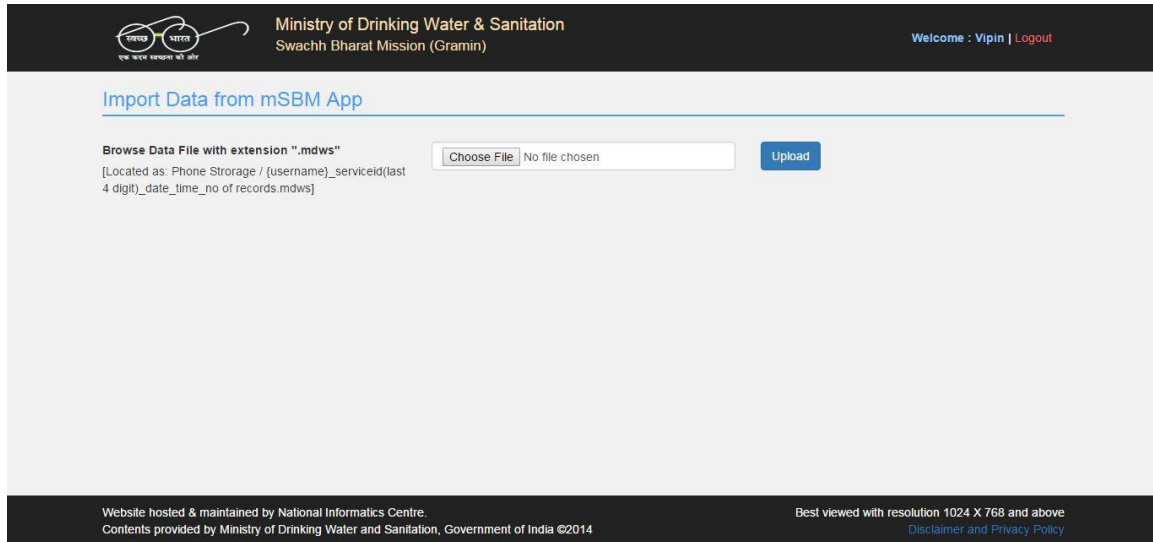


The screenshot shows the "Mobile Application User Login" form. It features a teal header with the text "Mobile Application User Login". Below the header, there are two input fields: "Enter Username" and "Enter Password". A blue "Login" button is positioned below the password field. The form is set against a light gray background.

At the bottom, there is a footer with the text: "Website hosted & maintained by National Informatics Centre. Contents provided by Ministry of Drinking Water and Sanitation, Government of India ©2014" and "Best viewed with resolution 1024 X 768 and above Disclaimer and Privacy Policy".

- c. Enter the user name and password which is being used for login in **mSBM App**.

- d. After successful login a new page will open with options for uploading photographs.
- e. Browse the unzipped exported file having file extension **.mdws** (while selecting the file for uploading photographs please make sure for correct file. A user is allowed to upload only those beneficiary data related files which were allocated to user.)
- f. Click on button **“Upload”** to upload exported files.



Ministry of Drinking Water & Sanitation  
Swachh Bharat Mission (Gramin)

Welcome : Vipin | [Logout](#)

### Import Data from mSBM App

Browse Data File with extension ".mdws"

[Located as: Phone Storage / (username)\_serviceid(last 4 digit)\_date\_time\_no of records.mdws]

No file chosen

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- g. A success message will be displayed when the Beneficiary photographs are uploaded successfully.
- h. If you want to see uploaded Beneficiary photographs/data click on button **“View Uploaded Photographs”**.
- i. After clicking on **“View Uploaded Photographs”**, uploaded Beneficiary Data will be visible to user as-

### Import Data from mSBM App

Browse Data File with extension ".mdws"

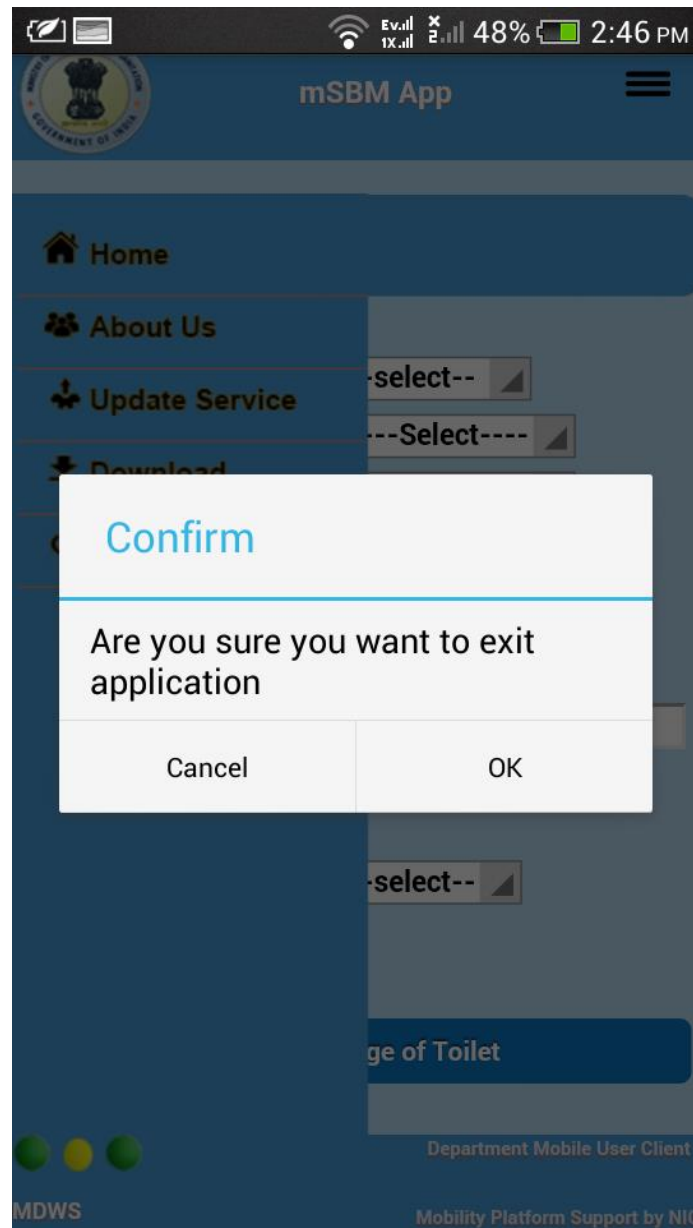
[Located as: Phone Storage / {username}\_serviceid(last 4 digit)\_date\_time\_no of records.mdws]

No file chosen

Sr. No.	Beneficiary ID	Latitude	Longitude	Image
1	184052847	28.588711	77.2347682	
2	184051690	28.5887113	77.2347683	
3	23406007	28.5887124	77.2347685	
4	183805596	28.5887903	77.2350053	
5	23406007	28.5887762	77.2349595	
6	184051055	28.5890597	77.2358102	
7	183805710	28.5890656	77.2357701	

## 10. Log out from the Application

Users can logout from the application by tapping on power icon on the upper right hand side. There will be two options in confirm box:



- If you click “Cancel” then you will remain logged in
- If you click “OK” then you will be logged out of the Application



## 11. Approval of Beneficiary Toilet Photographs



- Go to <http://sbm.gov.in> and Login with credential provided to State/District level field functionaries.
- Select module “[M2]Approval of Beneficiary Toilet Photographs”. This will approve the beneficiary toilet photographs uploaded by Swachhata Doots/Surveyors



## 12. About the Application

- User can view the application detail by tapping on 'About us' icon.
- Tap on 'back' icon to go back to the last screen.

## 13. How to view Photo

- User can view the uploaded photo on the mSBM website i.e. <http://sbm.gov.in> and go to “Panchayat Report” under Section-Format F28.

Ministry of Drinking Water and Sanitation  
Swachh Bharat Mission (Gramin)

Home > [Format F28] No. of Uploaded Photograph so far using Mobile Application (Demo Data)

**No. of Uploaded Photograph so far using Mobile Application (Demo Data)**

Sl No.	State Name	No of Photos Uploaded
1	ANDHRA PRADESH	1
2	UTTAR PRADESH	3
3	CHHATTISGARH	2
4	WEST BENGAL	1
5	HIMACHAL PRADESH	1









b. Click on **Numbers of Photos Uploaded** to view the photographs and their location on map

Ministry of Drinking Water and Sanitation  
Swachh Bharat Mission (Gramin)

Home > [Format F28] No. of Uploaded Photograph so far using Mobile Application

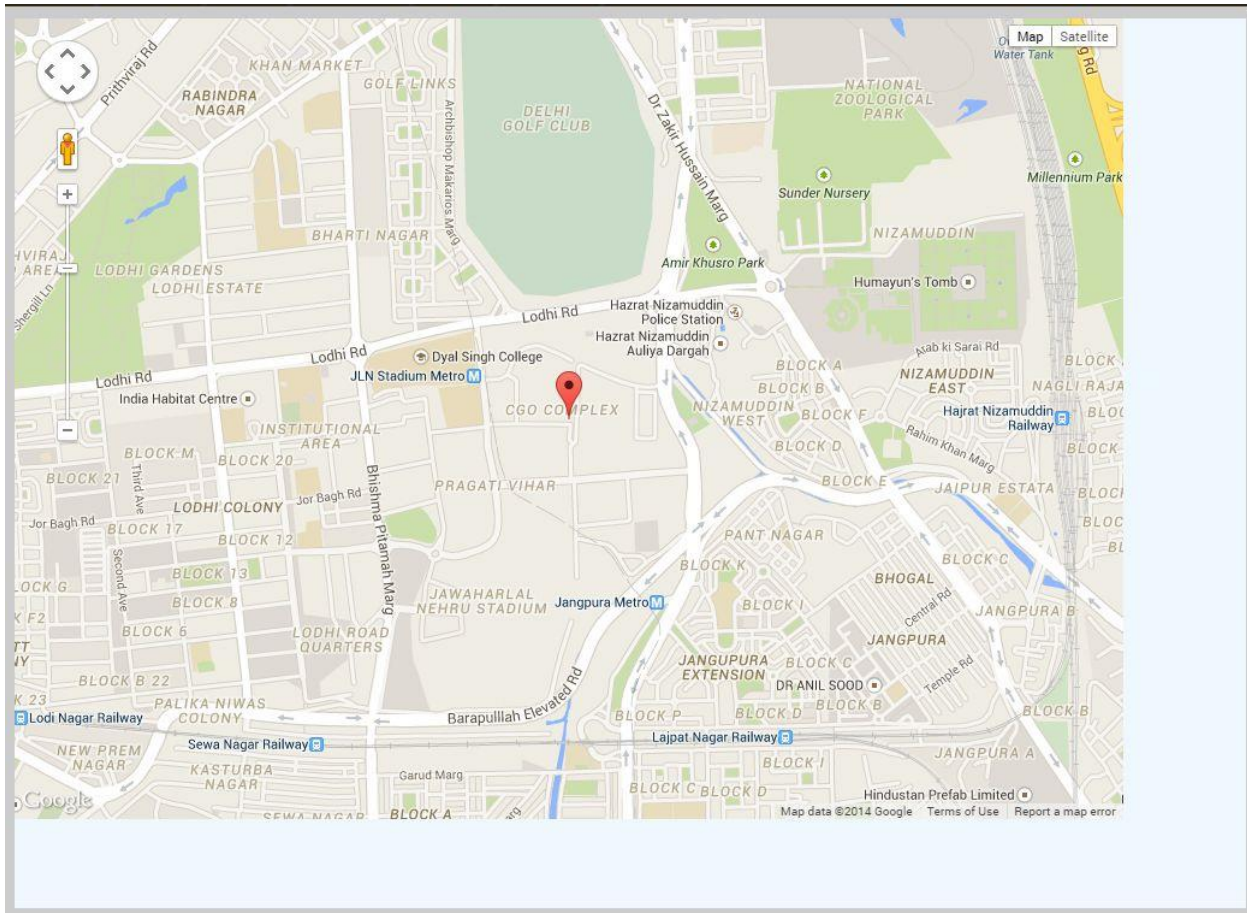
BACK

**No. of Uploaded Photograph so far using Mobile Application**

Sl.No.	State Name	District Name	Block Name	GP Name	Village Name	Habitation Name	Family Head Name	Father Name	Latitude Degree Minutes Second	Longitude Degree Minutes Second	Image	Location Details on Map	Toilet Usage Details
1	Himachal Pradesh	MANDI	BALH	BHADYAL (SDR)	Tikar Kalan	TIKKAR KALAN	RAJESH	MANSA RAM	28° 35' 20.4259	77° 14' 11.3338		View Location	View Status
2	Himachal Pradesh	MANDI	BALH	GALMA (SDR)	Bhalwani	BHALWANI	KHUB RAM	KHJANA	31° 36' 51.4641	76° 52' 45.3104		View Location	--
3	Himachal Pradesh	MANDI	BALH	GALMA (SDR)	Bhalwani	BHALWANI	LEAKH RAM	DEMBU	31° 36' 56.7041	76° 52' 47.6777		View Location	--
4	Himachal Pradesh	MANDI	BALH	GALMA (SDR)	Karnehra	Karnehra	Dasu Ram	Brestu Ram	31° 36' 54.4540	76° 52' 43.0460		View Location	--
5	Himachal Pradesh	MANDI	BALH	GALMA (SDR)	Karnehra	Karnehra	kasav	KAHAN	31° 37' 1.0259	76° 52' 38.6927		View Location	--
6	Himachal Pradesh	MANDI	BALH	GALMA (SDR)	Kotlu	MALTI	BALI RAM	BALBALBH	31° 42' 31.4928	76° 55' 55.1921		View Location	--
7	Himachal Pradesh	MANDI	BALH	KEHAD (SDR)	Chavri	CHAWARI	DAGI RAM	LAOGU RAM	31° 36' 18.0626	76° 57' 53.0986		View Location	--
8	Himachal Pradesh	MANDI	BALH	KEHAD (SDR)	Chavri	CHAWARI	HARIYA	MANIYA	31° 36' 16.6152	76° 57' 53.9403		View Location	--

c. Clicking on **View Location** will show you the Location of Photograph taken.





d. Clicking on **View Status** will show you the Details of Beneficiary Toilet.

<b>Beneficiary Name: -</b>	<b>RAJESH</b>
<b>Fathr/Husband Name: -</b>	<b>MANSA RAM</b>
<b>Toilet Exist: -</b>	<b>Yes</b>
<b>Toilet Functional: -</b>	<b>Yes</b>
<b>Defunct Permanently: -</b>	<b>No</b>
<b>Cleaned Maintained: -</b>	<b>Yes</b>
<b>Water facility: -</b>	<b>Yes</b>