User Manual

For

Public to Use

Development Plan Department (SRDP 1991)

Web GIS Application

Development and Planning Department

Municipal Corporation of Greater Mumbai
1 Contents
1 Contents ........................................................................................................................................... 2
1. Introduction ....................................................................................................................................... 3
2. Pre-requisites for Accessing the D.P Department (SRDP 1991) web GIS application .................... 3
3. Public User Registrarition into the Application ................................................................................ 4
4. Public User Login to the Application .............................................................................................. 6
5. Main Page of the D.P Department (SRDP 1991) web GIS application ............................................ 7
6. Features of “Search” Menu ............................................................................................................. 8
   6.1 Search based on “CTS/CS” Number ............................................................................................ 8
   6.2 Search based on “CTS/CS” Number .......................................................................................... 11
7. Features of “Report” Menu ............................................................................................................. 13
   7.1 Remark and MAP Report generation based on “CTS/CS” Number ........................................... 14
   7.2 Remark and MAP Report generation based on “FP” Number .................................................. 21
8. Additional Tools ............................................................................................................................... 25
   8.1 “Zoom In” And “Zoom Out” tools ............................................................................................ 25
   8.2 “Pan” tool .................................................................................................................................. 25
   8.3 “Extent” tool ............................................................................................................................ 25
   8.4 Zoom to “Full Extent” tool .......................................................................................................... 26
   8.5 “Identify” tool .......................................................................................................................... 26
   8.6 “Measurement” Tool ................................................................................................................ 28
1. Introduction

Development Plan Department (SRDP 1991) Web GIS Application Project are include various modules for public user to access and generate DP online remarks report and map report by registering through the application.

Specific web GIS application developed for development and plan department to aid them in performing desired operations using the user friendly built-in functionality. These functionality help the public users to Register, Search, Create, calculate Fee, Download Reports E.T.C.

There are few common functionality incorporated on main page for navigation, printing, getting help, searching desired feature using attribute queries, Measure distance or area, show overview map etc.

2. Pre-requisites for Accessing the D.P Department (SRDP 1991) web GIS application.

To access the Development Plan Department (SRDP 1991) web GIS application, following are the pre-requisites:

- A computer machine with good Hardware and software configuration with latest internet browsers viz. Internet Explorer (above version 8), Google Chrome and Mozilla Fire Fox
- For browsers other than Google Chrome, Adobe flash player need to be installed in the computer machine (This is readily available on web for free download and installation). System prompts to download and install the same in case of unavailability.
- User login credentials (User ID and Password)
3. Public User Registration into the Application

The public user browses Development Plan Department (SRDP 1991) Web GIS application, the system displays following web page with options to Register and to get User ID & Password for Log in to the application.

A Public user needs to register to the application by following the steps below:

- User clicks on “User Registration” button available “login” menu icon.
- The system display “User Registration” form containing following fields
  - User Name – Text Box(Mandatory)
  - First Name - Text Box(Mandatory)
  - Middle Name - Text Box (Mandatory)
  - Last Name - Text Box(Mandatory)
  - Password - Text Box(Mandatory)
  - Confirm Password - Text Box(Mandatory)
  - Email Address - Text Box(Mandatory)
  - Alternative Email Address - Text Box
  - D.O.B - Text Box(Mandatory)
  - Phone No. - Text Box
  - Mobile No. – Text Box(Mandatory)
  - Alternative Mobile No. – Text Box
  - Male or Female – Radio button (Mandatory)
  - Address - Text Box(Mandatory)
  - Pin Code- Text Box(Mandatory)

(Note: Without proper entry of mandatory fields, system does not allow the user to register in to the DP application.)
After filling the above field with valid input, User clicks on "Register" button.

- The system should display “User Registered Successfully”

Without proper entry of User ID and Password credentials, system not allows the user to access the DP web GIS application.
4. Public User Login to the Application

After successfully public user registration, the public user can login to the application by following steps below:

- User clicks on “Log in” button available “login” menu icon.

- The system displays “User Login” Page.

- An authorized user needs to log-in to the application by typing individual ”User Name” and “Password” and click on “Submit” button to enter into the DP Web GIS application.

(Note: Without proper entry of User ID and Password credentials, system not allows the user to access the application.)
After successful user authentication system display D.P Department (SRDP 1991) web GIS application main page as shown below with all the functionalities as allocated by the public user.

The contents on the main page includes following:
GIS map displaying Mumbai city with adjoining areas in top view

- Logged-in user name on the top right corner of the page
- A Logout button
- Search Menu
- Report Menu
- Some other additional tools like Table of Content, Full Extent, Zoom-in, Zoom-Out, Previous Extent, Next Extent, PAN, Identify, Measurement, and Deactivate.
6. Features of “Search” Menu

Through “Search” menu, system offer search for CTS or FP number by selecting attributes to view on the map.

- The Feature **Search** menu availability and its contents on the main page as shown below:

- User click on Search menu icon available on the main page, The system display “Search” Page as shown:

- Through Feature “Search” menu, system offer Search property on MAP based on following options
  - Search by “CTS/CS” Number
  - Search by “FP” Number

6.1 **Search based on “CTS/CS” Number**

To search property based on CTS/CS number from MAP user need to follow below steps.

- The user needs to select or click on “CTS/CS” button. The system displays following fields
- “Select Ward” Dropdown button
- “Select Village/Division” Dropdown button
- "Select CTS” Dropdown button
- “Reset” button

User needs to Type or Select ward from “Ward” dropdown list. The system ZOOM the selected ward on the map.

User needs to Select Village/Division name from “Select Village/Division” dropdown list. The system ZOOMS and highlights the village on the Map.
User needs to Select CTS number from “Select CTS” dropdown list. The system ZOOMS and highlights the CTS Property on the Map.

User click on “Reset” button, the system reset the form.
6.2 Search based on “CTS/CS” Number

To search property based on FP number from MAP user need to follow below steps.

- The user needs to select or click on “FP” button. The system displays following fields
  - “Select Ward” Dropdown button
  - “Select TPS Scheme” Dropdown button
  - “Select FP” Dropdown button
  - “Reset” button

- User needs to Type or Select ward from “Ward” dropdown list. The system ZOOM the selected ward on the map.
User needs to Select TPS Scheme from "Select TPS Scheme" dropdown list. The system ZOOMS and highlights the selected option on the Map.

User needs to Select FP number from "Select FP" dropdown list. The system ZOOMS and highlights the FP Property on the Map.

User click on "Reset" button, the system reset the form.
7. Features of “Report” Menu

Through “Report” menu, system offers Challan generation, Online Payment or payment through CFC and DP Remark/Map Report for CTS or FP number by selecting available attributes.

- The Feature Report menu availability and its contents on the main page as shown below:

- User click on “Report” menu icon available on the main page, The system display “Report” Page as shown:

- Through Feature “Report” menu, system offer Remark and MAP Report generation based on following options:
  - Remark and MAP Report generation based on “CTS/CS” Number
  - Remark and MAP Report generation based on “FP” Number
7.1 Remark and MAP Report generation based on “CTS/CS” Number

To generate Remark and Map Report of property based on CTS/CS number user need to follow below steps:

- The user needs to select or click on “CTS/CS” button. The system displays following fields:
  - “Select Ward” Dropdown button
  - “Select Village/Division” Dropdown button
  - “Select CTS” Dropdown button
  - “Generate Report” button
  - “Reset” button

- User needs to Type or Select ward from “Ward” dropdown list. The system ZOOM the selected ward on the map.
User needs to Select Village/Division name from “Select Village/Division” dropdown list. The system ZOOMS and highlights the village on the Map.

User needs to Select CTS number from “Select CTS” dropdown list. The system ZOOMS and highlights the CTS Property on the Map.

User click on ““Generate Report” button. The system display challan generation window.
User clicks on “Generate Challan” button. The system generates a challan page containing payment options as:

- Payment through Online, “Pay Online” option
- Payment through CFC, “Pay CFC” option

Challan Details:

1) Challan no.: "SRDP20160511120719"
2) Challan generation date: 13/05/2016
3) Name of the applicant: S mahar none
4) Address of the applicant: dsfdsdsdsds 444444
5) Mobile no./Landline no.: 4545455555
6) List of CS/CTS Nos.: 1/401
7) Ward name: G/N
8) Village name: DHARAVI
9) Cost of No. of CTS/CS selected by user: Rs. 2000.00
10) Total Fees Rs.: 2000.00

Payment Options:
- Pay Online
- Pay CFC
7.1.1 PAYMENT through Online, “PAY ONLINE” option

- User clicks on “Pay Online” option available on Challan page. The System redirect to “BillDesk” payment gateway window.

- Fill the bildesk form and click on “Make Payment” button. The system will generate fee receipt as:

![Payment Details](image)

- Your payment has been received successfully, Please refer the transaction details below. Now You can download the DP remark report from Report menu (in case You go for another transaction either using Online Payment or CFC Payment then You will not be able to download Report generated for this transaction).

Transaction ID: 1111109330
Amount: 2.00
Transaction Date: 13-06-2016 16:59:07
Transaction Status: Success

Export to PDF
User clicks on “Export to PDF” icon. The system download the fee receipt in .PDF.

User clicks on “Download” option available from “Report” window.

User key-in Challan number in “Select Challan Number” Textbox
User Key-in Fee receipt number in “Enter Receipt Number” Textbox and click on “Download DP/Map Report” button
The system download Report in Zip format and show a user message as:

Click on “OK” button to complete the process.
User click on “Reset” button, the system reset the form.
To, No: Mrs. S. Nazar Zom

Sub: Sanctioned Revised Development Plan remarks for the land bearing C.S. No(s) 1/431 of DHARAVI Division

Ref: Your Application Ref: DP/111111/20721 and payment of certifying charges made under Receipt no. SRDP201605111127619 dated 13/06/2016

Gentlemen/Madam,

Sanctioned Revised Development Plan Remarks for the land shown bounded on the accompanying plan are as under:

Description of the land: C.S. No(s) 1/431/1/431

Sanctioned Revised Development Plan referred to want: ON

Reservations affecting the land [as show on plan]: NO

Reservations abutting the land [as show on plan]: NO

Designations affecting the land [as show on plan]: NO

Designations abutting the land [as show on plan]: NO

D.P. Roads affecting the land [as show on plan]: NO

Zones [as shown on plan]: RESIDENTIAL ZONE

Remarks from other Department/Office:

Note:

- If the land under reference is a part of amalgamation/boundary, then specific remarks shall be obtained from the concerned Building Proposals office and development thereof shall be as per the terms and conditions of the approved amalgamation/boundary. Remarks are offered only from the zoning point of view, without reference to ownership, and without carrying out actual site inspection and without verification of the status of the structures if any on the land under reference.

- Remarks are offered only from the zoning point of view, without reference to ownership, and without carrying out actual site inspection and without verification of the status of the structures if any on the land under reference. Status of the existing soil, if any, shall be confirmed by the concerned soil office.

- The boundaries shown in the accompanying plan are as per the available records with this office. However, the boundaries shown in the records of City Survey Office shall supersede these shown in the S.P. Remarks Plan.

- The separate remarks as per Draft Development Plan [2534] shall be obtained from the office of Town Planning Officer, 5th Floor, Anexe Building, Municipal Head Office, Matunga Marg, Mumbai, 400 026.

Validity of this Report is for One Year starting from the report generation date: 13/06/2016

No CHE: SRDP201605111127619

Note: This is electronically generated report. Hence personal signature is not required. Development Plan, Department OWN Ward.
7.1.2 Payment through Online, “Pay CFC” Option

- User clicks on “Pay CFC” option available on Challan page.

- The system automatically downloads challan report in .PDF format and display user message as “Challan generated successfully”.

- Public User deposit available fee (money) on challan with the challan report at Development & plan office. And get one fee receipt from the office.

- After getting Challan and fee receipt public user go and give the reports to office admin user.
The office admin user downloads the Remark Report and Map Report and gives the hard copy to the public user.
(Note: The Challan report is valid for 7 Days starting from date of challan generation.)

7.2 Remark and MAP Report generation based on “FP” Number

To search property based on FP number from MAP public user need to follow below steps.

- The user needs to select or click on “FP” button. The system displays following fields
  - “Select Ward” Dropdown button
  - “Select TPS Scheme” Dropdown button
  - “Select FP” Dropdown button
  - “Generate Report” button
  - “Reset” button

- User needs to Type or Select ward from “Ward” dropdown list. The system ZOOM the selected ward on the map.
User needs to select TPS Scheme from “Select TPS Scheme” dropdown list. The system zooms and highlights the selected option on the map.
User needs to Select FP number from “Select FP” dropdown list. The system ZOOMS and highlights the FP Property on the Map.

User clicks on “Generate Report” button.

The system display challan generation window.
User clicks on “Generate Challan” button. The system generate challan page contain payment option as:
- Payment through Online, “Pay Online” option
- Payment through CFC, “Pay CFC” option

(Both the payment processes are same as above “Pay Online” “Pay CFC” option available in Remark and MAP Report generation based on “CTS/CS” Number)

User click on “Reset” button, the system reset the form.
8. Additional Tools

Map handling tools helps user to interact with the map with the help of user friendly action provided on the main page of the application.

8.1 “Zoom In” And “Zoom Out” tools

i) Zoom In tool: This tool helps user to zoom in the location on the map to get more details just after clicking on “Zoom In” icon

ii) Zoom out tool: This tool helps user to zoom out on the map from maximum to lower level just after clicking on “Zoom Out” icon

8.2 “Pan” tool

This tool helps user to pan the map freely in any direction as desired by user after clicking on “Pan” icon.

8.3 “Extent” tool

i) Previous extent tool: This tool helps user to go to the previous extent on the map after clicking on “Previous Extent” icon.
ii) **Next extent tool:** This tool helps user to go to the next extent on the map after clicking “Next Extent” icon.

### 8.4 Zoom to “Full Extent” tool

This tool shown as globe in the widget will help user to go the extent of the map from any zoomed location after clicking “Zoom to Full Extent” icon.

### 8.5 “Identify” tool

This tool is use to identify location on the map window with user choice.

- User need to click on “identify “tools and then click on the require location on the map.

- The system with show available map features in a dropdown window as shown below:
- Select the required available option, the system shows available data with respect to the selected option.

- Click on “add to results”, the system highlights the total area, and the system will show the result in “Result “window.

- If user needs to remove selection then right click on the result window click on “Remove” option.

- If user needs to ZOOM selection then right click on the result window click on “Zoom” option.
### 8.6 “Measurement” Tool

This tool is used to measure distance between locations on the map window with user choice.

- Click on “Measure distance or area” menu icon, the system will display box containing following:
  1. Click on “Area” icon
  2. Click on ”Distance” icon
  3. Click on “Location” icon