APPLICATION GUIDE
TNHB-ONGOING SCHEMES MONITORING WEBSITE

Introduction:

The project is being promoted by M/S Bocxy Technologies Pvt Ltd. BBCL Sukriti,No.49,Drivers Colony,T.Nagar,with a view to tap tremendous scope of the Tamilnadu Housing Board Ongoing Schemes Monitoring website..

Technologies Used:

- Angular - Front end UI design
- Spring Boot - Functionality purpose
- MySQL - Storing Database

Procedure:

1.Login Page:

This login page is a simple design. It's a simple means to an end, which makes for a perfect page for a distraction-free design. Here reflects that in the simplicity of login page design. With a little friendly and motivating copy, the possibility of using pre-defined username and password. There are 68 login pages and the passwords were encrypted by using spring boot and stored in mysql database management.(Encrypted password is for high security purpose)

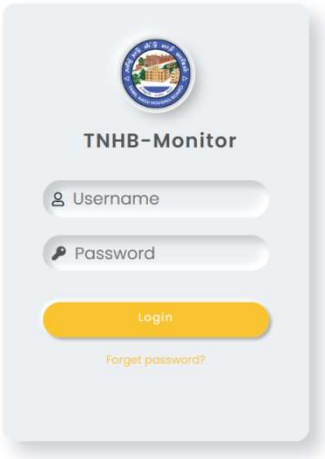
- MD Login
- Chief Engineer login(Rural & City wise)
- System Admin Login
- Data Entry Login (Division Wise)

If user given wrong credentials it notify **Invalid Login**.

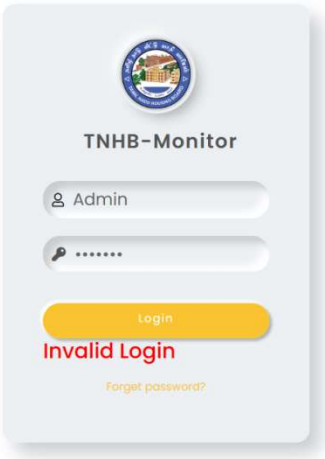
Change Password:

If user forgets the password can change password by clicking change password. Once the change passwordhas given it sends OTP to the Corresponding System Admin's Email id.Then User can call and get OTP to change further. Finally they can create new password.

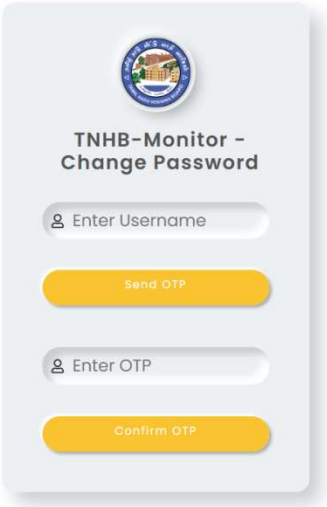
❖ Login Page



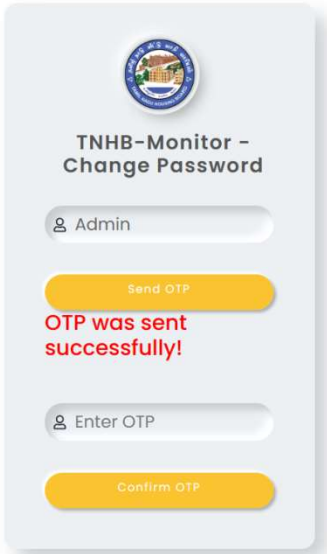
❖ Wrong Password



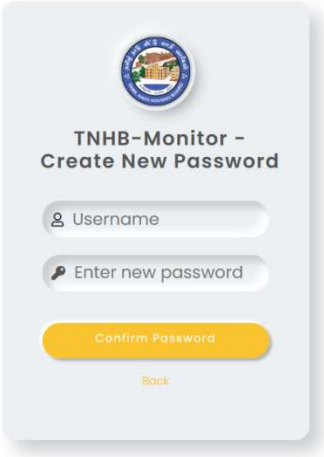
❖ **Change Password**



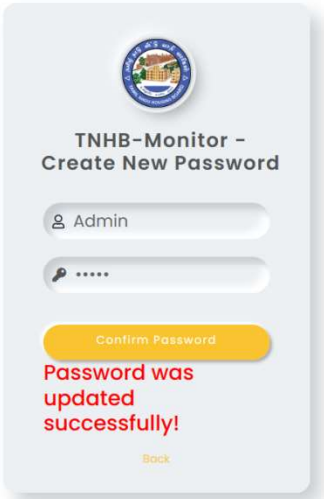
❖ **Enter OTP**



❖ **Create New Password**



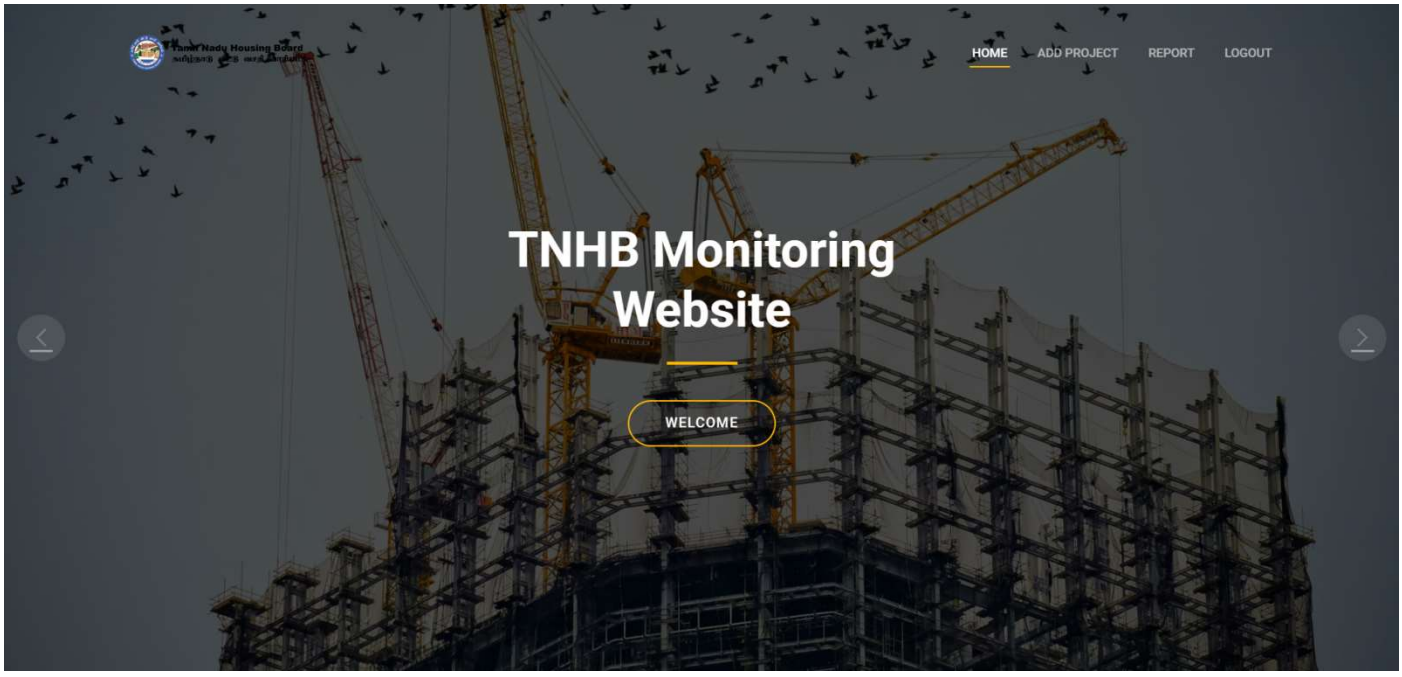
❖ **Confirm Password**

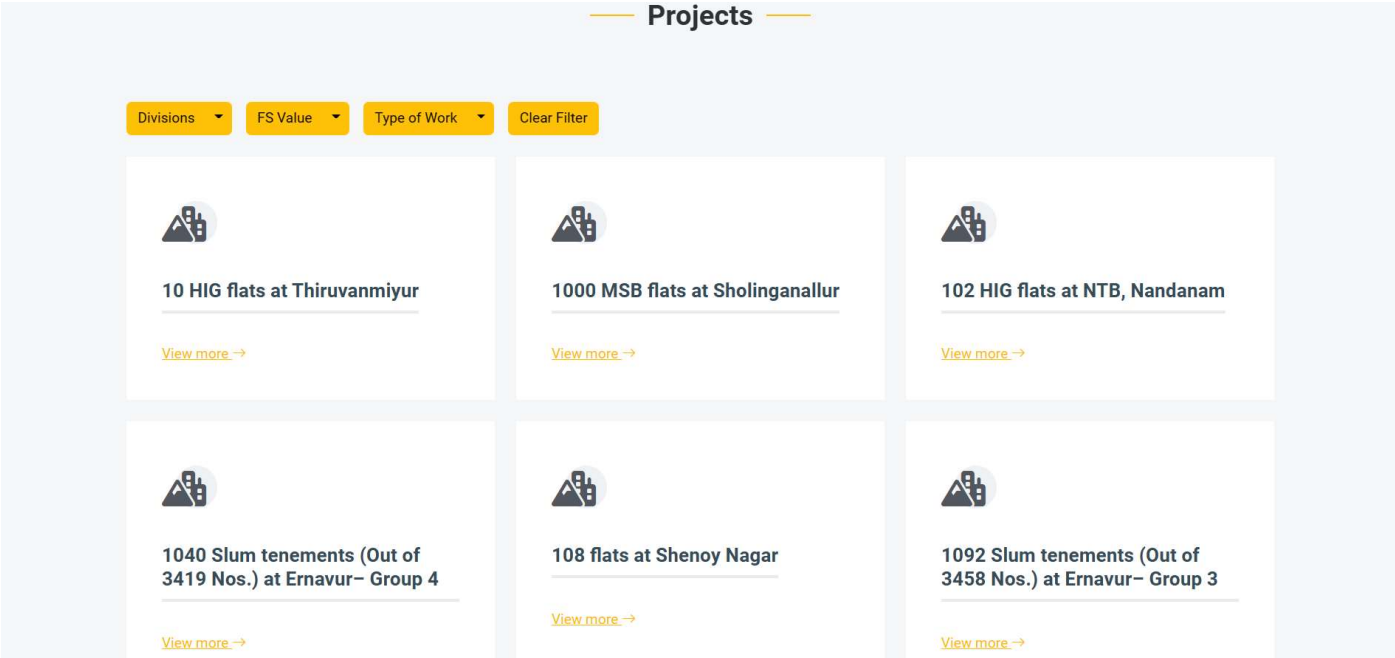


Admin Login:

Home Page:

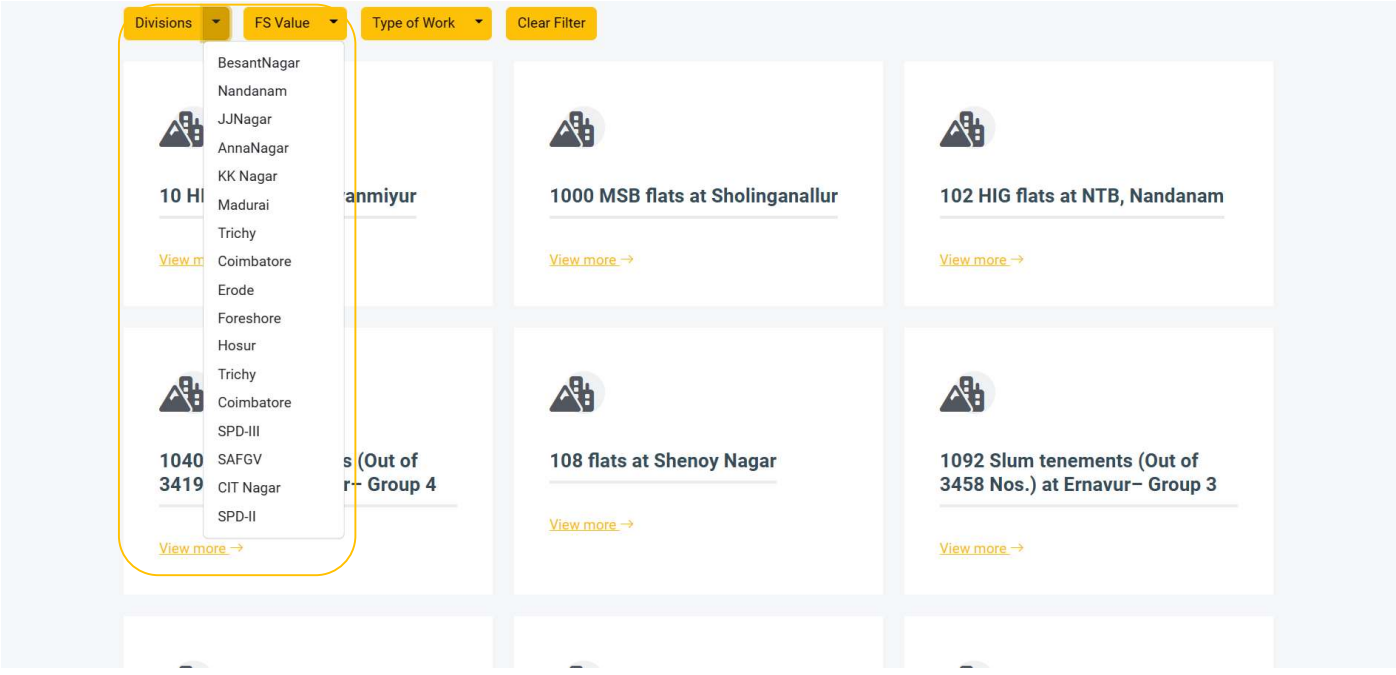
- ✓ TNHB Logo
- ✓ Navigation bar – Home, Add project, Report, Logout
- ✓ Image Slider
- ✓ Projects
  - ➢ Division filter
  - ➢ FS value filter
  - ➢ Type of work
  - ➢ Clear filter



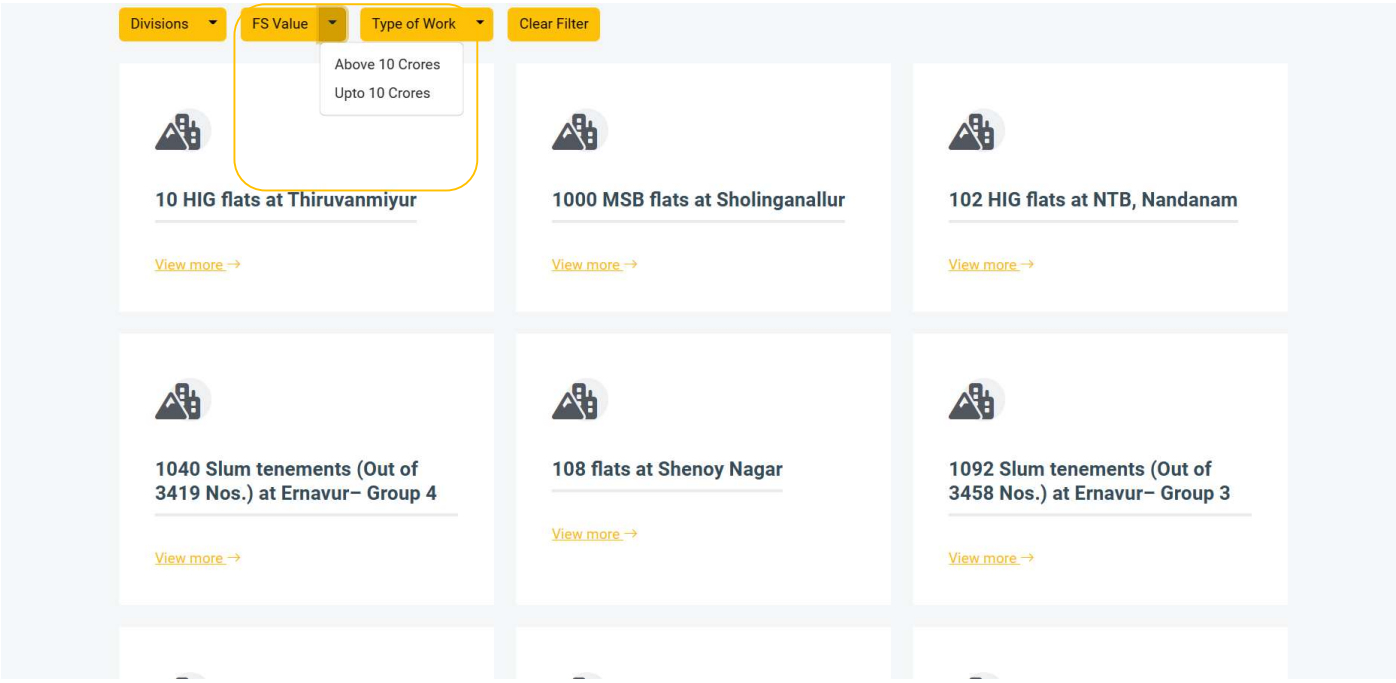


- Division Filters:

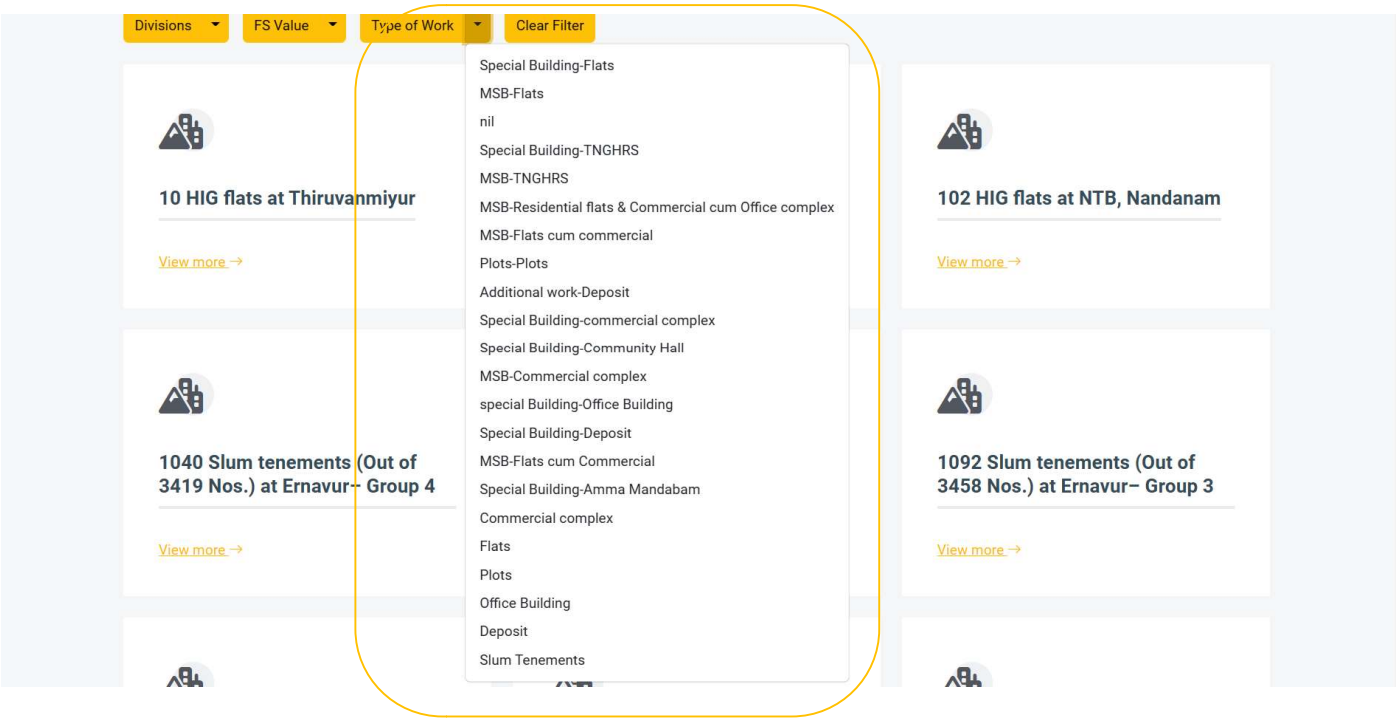
Initially all the projects displayed under projects heading. If user wants to check particular division project status he can filter over here using Divisions filter option as mentioned below screenshot. And also user can track the project by filtering FS Value, Type of work. Clear filter used to clear all the filters.



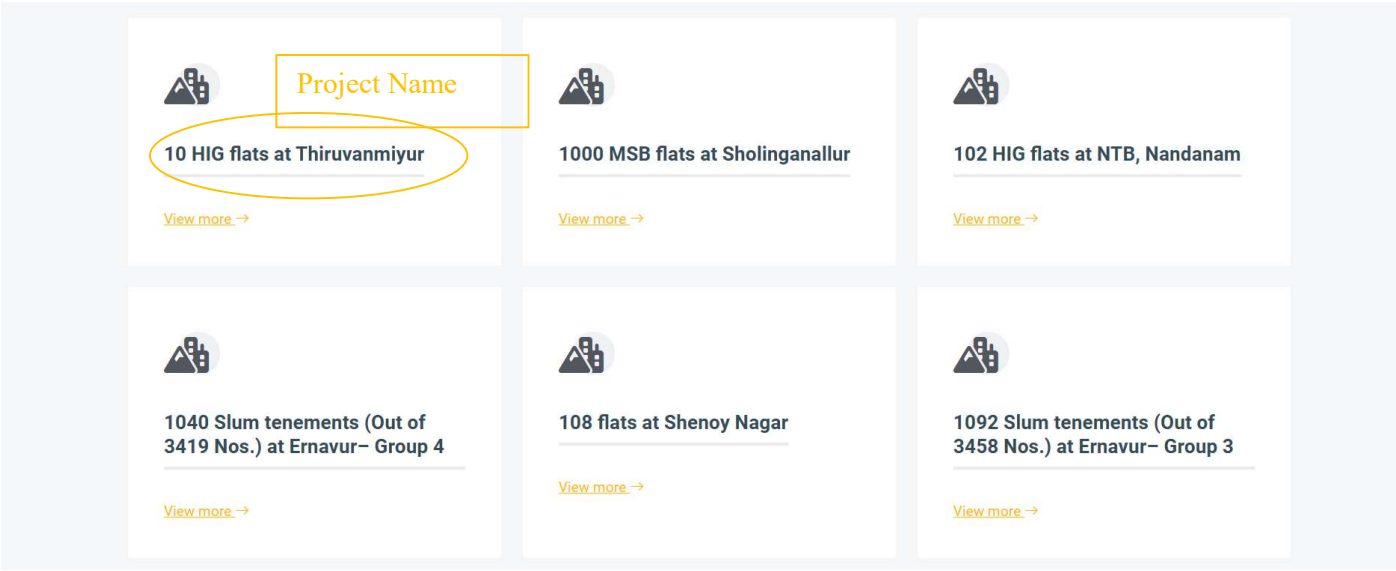
- FS Value:



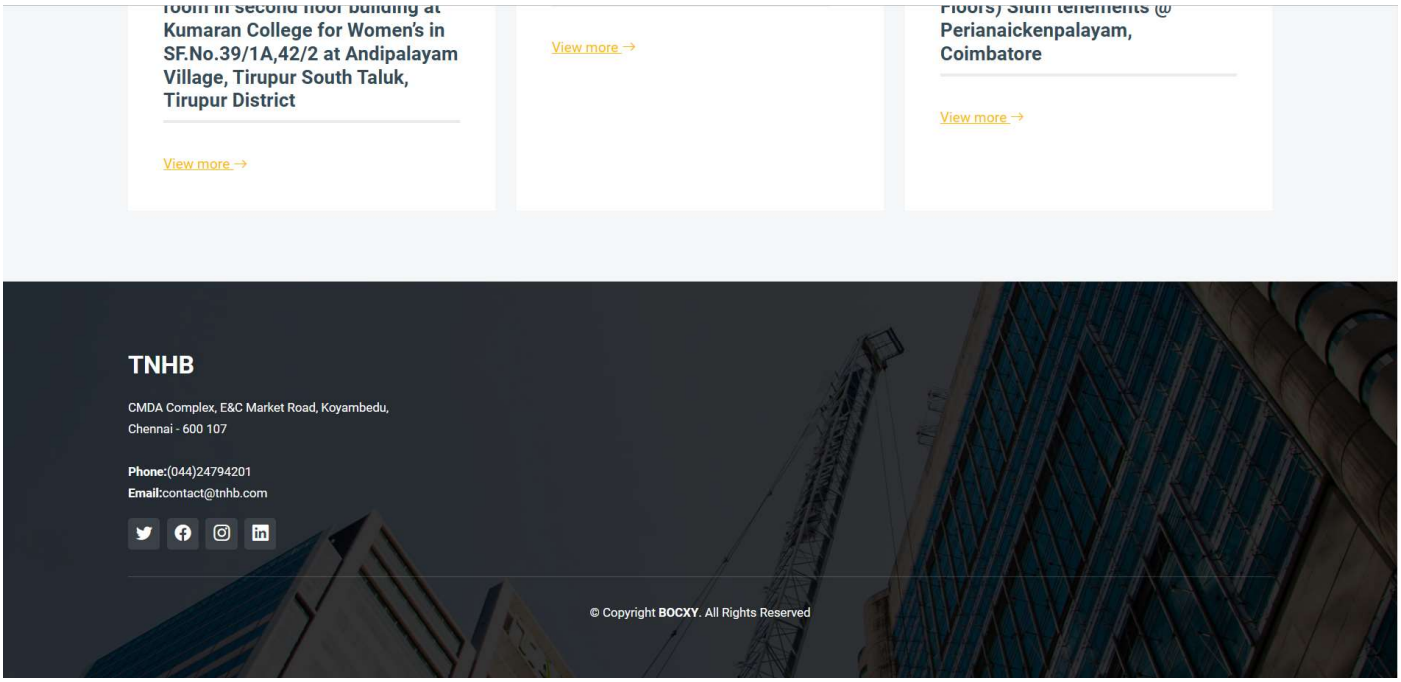
- Type of work:



Below screenshot showing how the project particulars will be like Project name and View more option.
If user click view more option he can navigate to that particular project details.


Project Name
10 HIG flats at Thiruvanmiyur
View more →
1000 MSB flats at Sholinganallur
View more →
102 HIG flats at NTB, Nandanam
View more →
1040 Slum tenements (Out of 3419 Nos.) at Ernavur– Group 4
View more →
108 flats at Shenoy Nagar
View more →
1092 Slum tenements (Out of 3458 Nos.) at Ernavur– Group 3
View more →

➢ Footer:


Kumaran College for Women's in SF.No.39/1A,42/2 at Andipalayam Village, Tirupur South Taluk, Tirupur District
View more →
View more →
Perianaickenpalayam, Coimbatore
View more →
TNHB
CMDA Complex, E&C Market Road, Koyambedu, Chennai - 600 107
Phone:(044)24794201
Email:contact@tnhb.com
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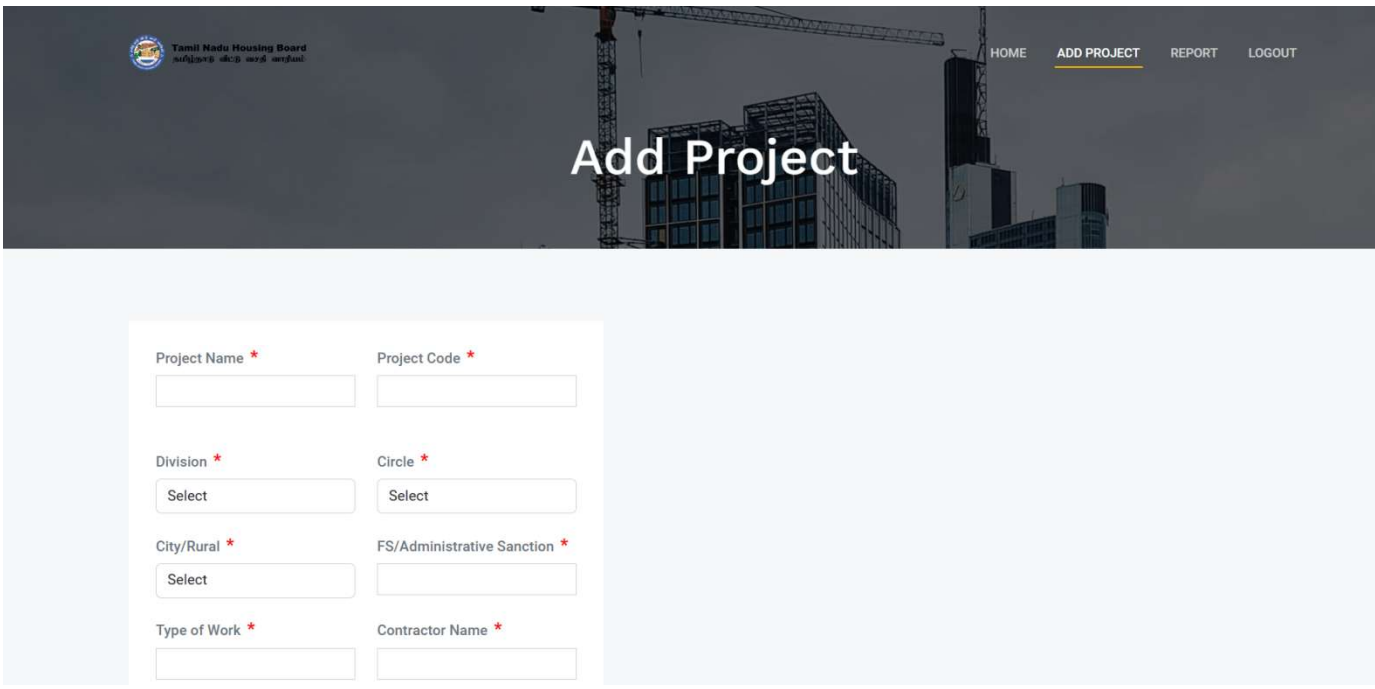
- Add Project:

  - ✓ User can add project using ADD Project menu.
  - ✓ User can add projects easily without doubts.
  - ✓ All mandatory fields should be entered.
  - ✓ Building image-Browse and add files→then click upload.(user can one or multiple images here).



Project Name *

Project Code *

Division *

Select

Circle *

Select

City/Rural *

Select

FS/Administrative Sanction *

Type of Work *

Contractor Name *

ThirdParty Supervision *

Development Work *

Agreement Value *

Total Units *

Sold Units *

UnSold Units *

Expenditure So Far *

Other Expenditure So Far *

Expenditure So Far *

Other Expenditure So Far *

PMC *

Pending Approval *

Anticipated Completion Date *

mm/dd/yyyy

EOT upto *

mm/dd/yyyy

DueDate Of Completion *

mm/dd/yyyy

Site Handing over *

mm/dd/yyyy

PMC Expenditure So Far *

PMC Agreement Value *

EB *

Water/ Sewage *

Gift Deed *

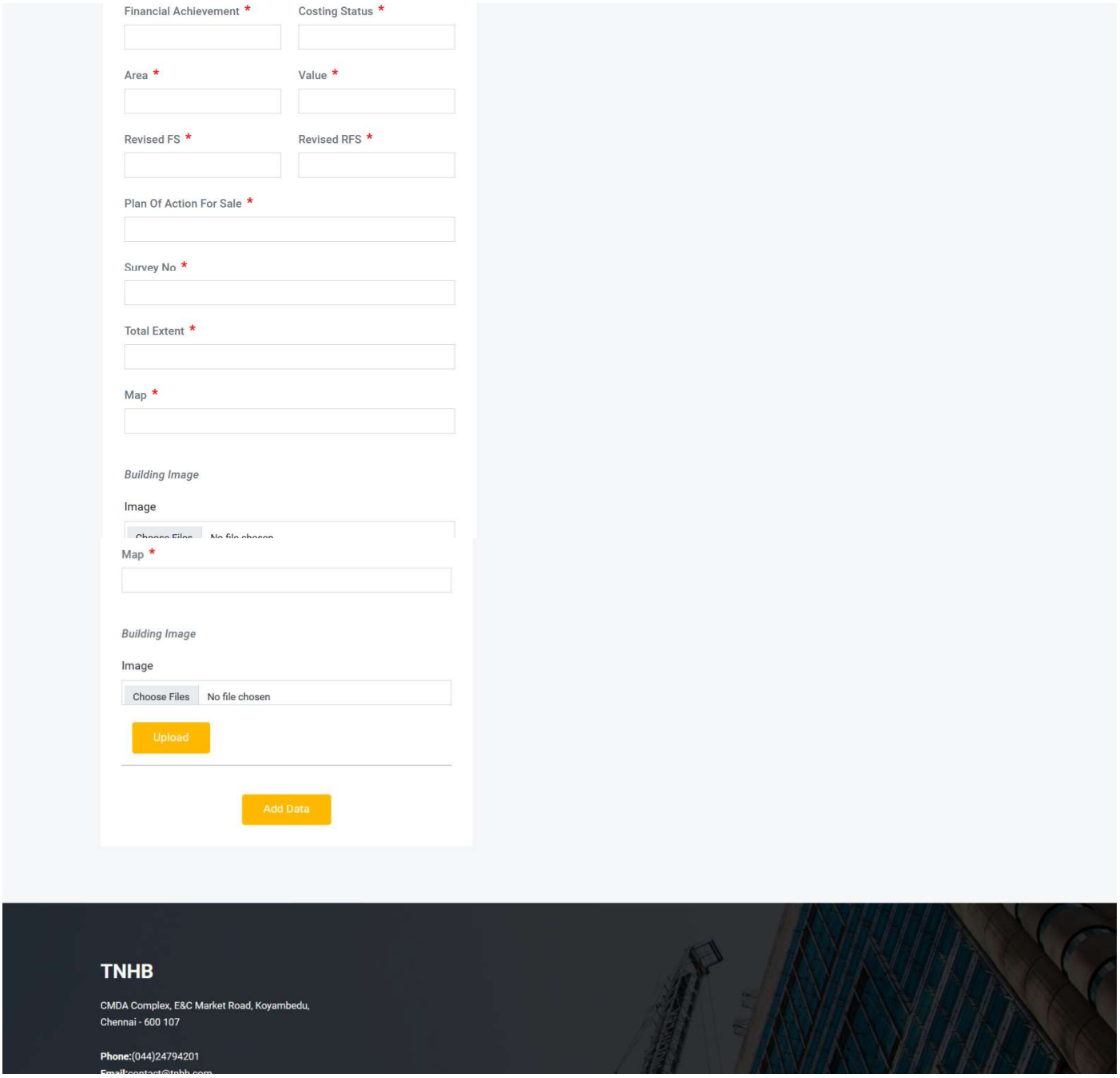
Handing Over To Local Body *

Br.No And Date *

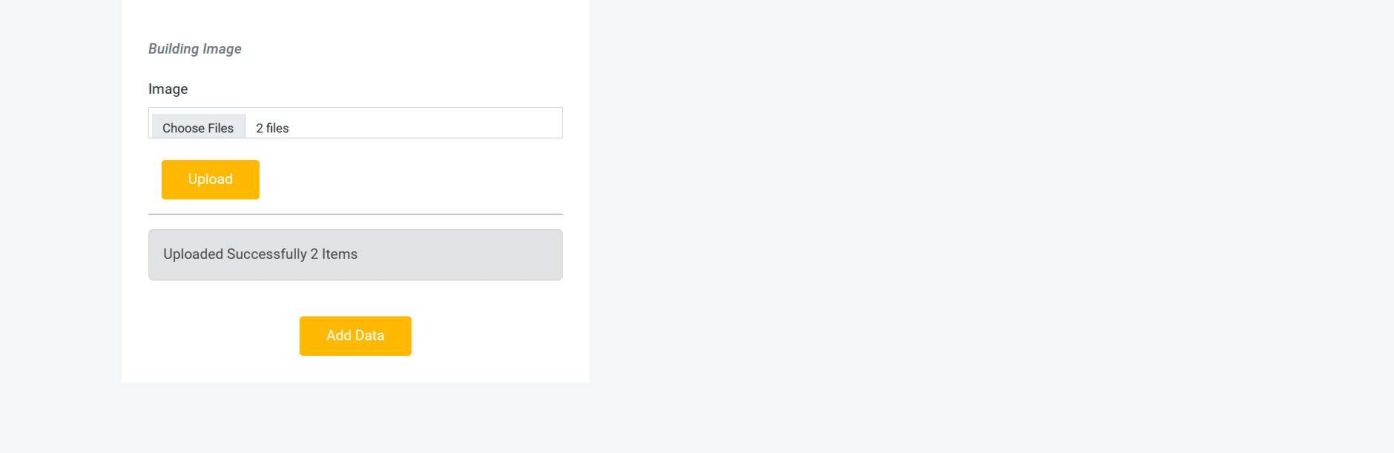
WorkLC Released *

Financial Achievement *

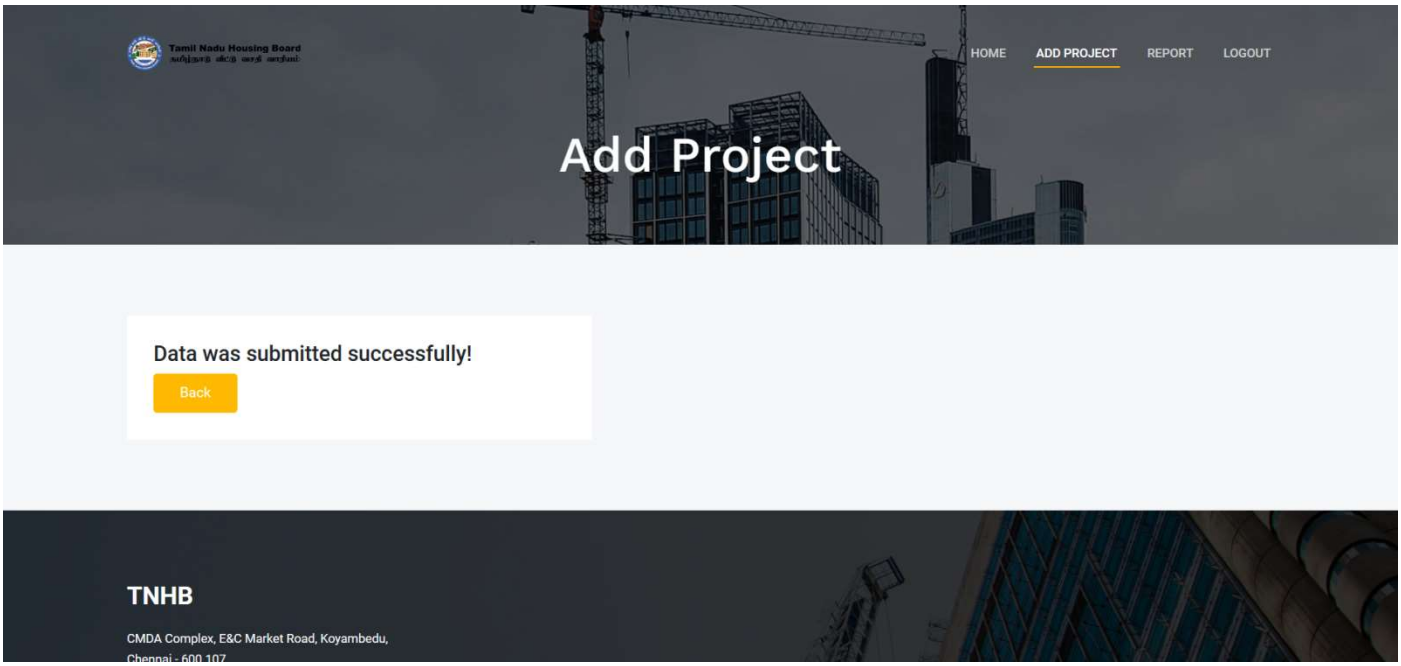
Costing Status *



- Multilple Image Add & Upload:



After filling all the fields the popup message will come as mentioned below.



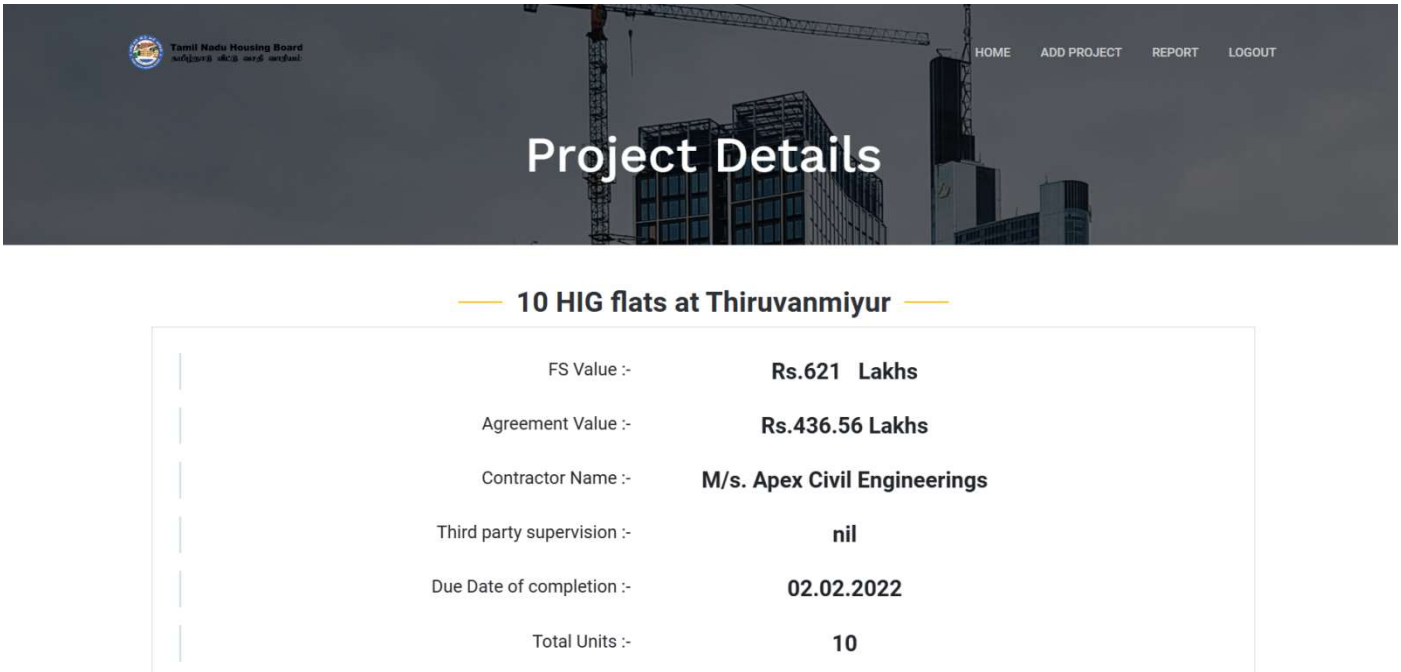
After adding successful data, user need not to go home page simply he can click back button, navigate to add project again. By this user can add multiple projects without time delay.

- View More:
  - ✓ User can navigate to selected project.
  - ✓ Screen will show like below mentioned.
  - ✓ 6 important parameters shown
    - FS Value
    - Agreement Value
    - Contractor Name
    - Third party supervision

- Due Date of completion
- Total Units

Last updated user details also user can able to see:

Last Updated by Admin on Mon Sep 12 2022 14:38:38 GMT+0530 (India Standard Time)



- Edit button used to edit project details.
- Delete button used to delete the project details.
- View more button used to view more details of the project.
- Download report button used to download the project report.
- Important parameters are shortlisted and compared with last month.They are,
    - Sold units
    - Unsold units
    - Costing status
    - Pending Approvals
    - Expenditure so far
    - PMC Expenditure so far
    - Work LC Released
- View Comments:
  MOM (Minutes of Meeting) points or important notes can display here.

- Add Comments:
  MOM (Minutes of Meeting) points or important notes can add here.

- Over Due:
  No. Of Days to pay due can display here by using round circle.

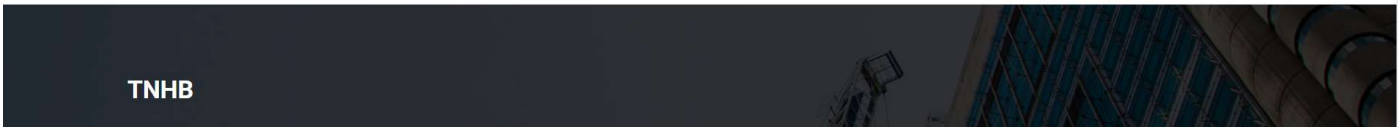
Last Updated by Admin on Mon Sep 12 2022 14:38:38 GMT+0530 (India Standard Time)

Edit | Delete | View More | Download Report

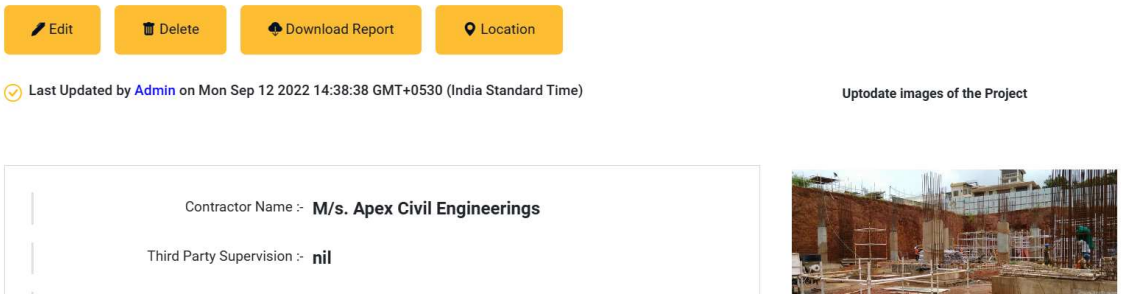
	November 22	December 22
Sold Units:-	0	0
UnSold Units:-	10	10
Costing status:-	HIG- Rs. 194.66 Lakhs	HIG- Rs. 194.66 Lakhs
Pending Approvals:-	nil	nil
Expenditure so far:-	Rs.214.56 Lakhs	Rs.214.56 Lakhs
PMC Expenditure so far:-	0	0
Work LC released:-	Rs.214.56 lakhs	Rs.214.66 lakhs

View Comments | Add Comments

-324 days
Over Due



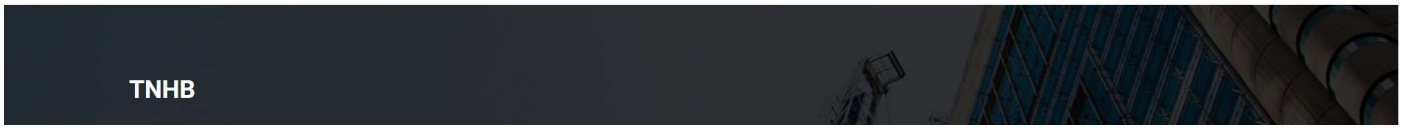
- View More:
- Edit button is used to edit project details.
- Delete button is used to delete the project details.
- Download report button is used to download the project report.
- Location button is used to map to the current location in new window.
- **Last updated user details also user can able to see:**
- Last Updated by Admin on Mon Sep 12 2022 14:38:38 GMT+0530 (India Standard Time)
- **Up-to-date Images of the project**
- Under this recently uploaded project images displayed here.
- Project details are shown here with order of physical and financial parametes.



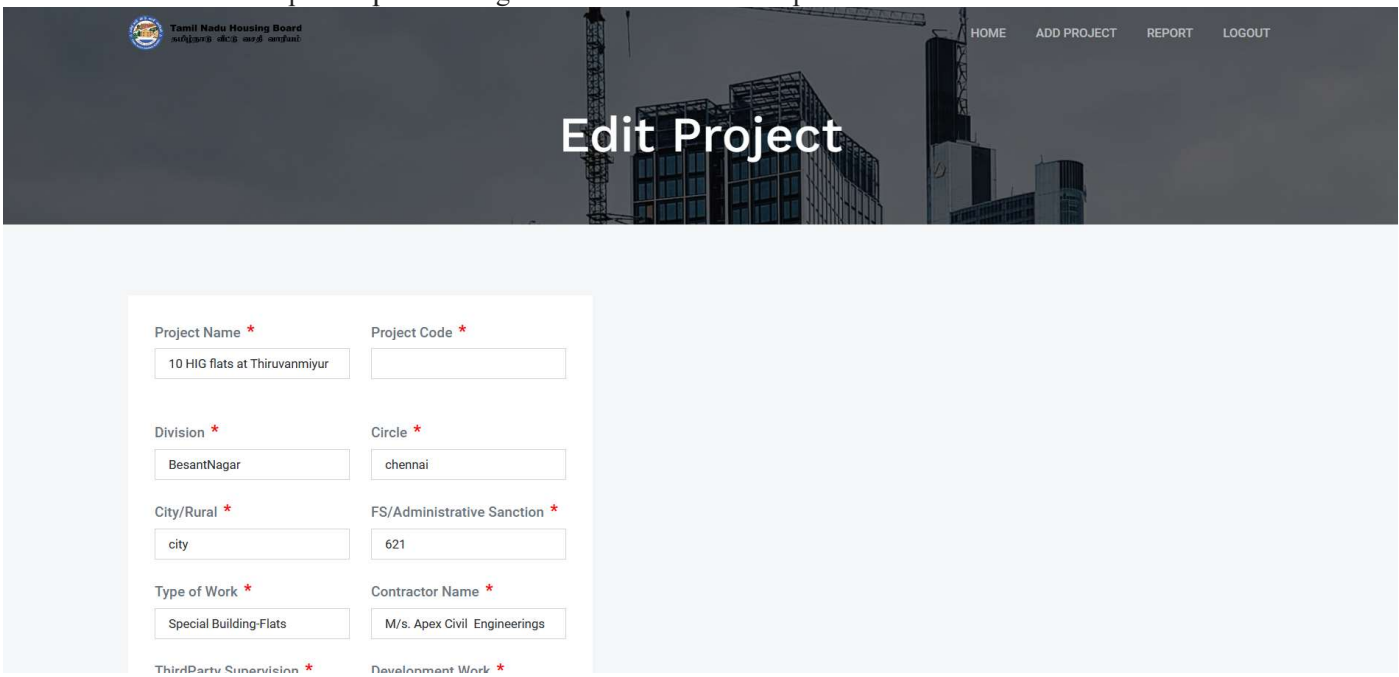
Contractor Name :-	**M/s. Apex Civil Engineerings**
Third Party Supervision :-	**nil**
Development Work :-	**nil**
Type of Work :-	**Special Building-Flats**
Total Units :-	**10**
Sold Units :-	**0**
Unsold Units :-	**10**
Site Handing over :-	**03.12.2020**
Due Date of completion :-	**02.02.2022**
Anticipated Date of completion :-	**29.09.2022**
EOT upto :-	**29.09.2022**
PMC :-	**nil**
Pending Approvals :-	**nil**

Pending Approvals :-	**nil**
EB :-	**To be applied**
Water/Sewage :-	**To be applied**
Gift Deed :-	**nil**
Handing over to Local body :-	**nil**
B.R_No_Date :-	**4.14 Dt.18/02/2020**
Work LC released :-	**Rs.214.66 lakhs**
Survey No :-	**S.No.161 part**
Total Extend :-	**0.21 Acres**
Financial Achievement :-	**49%**
Costing status :-	**HIG- Rs. 194.66 Lakhs**
Area :-	**nil**
Value :-	**HIG- Rs. 193.66 Lakhs / Flat**
Plan of Action for Sale :-	**Cost to be finalized**

Plan of Action for Sale :-	**Cost to be finalized**
Revised FS Value :-	**0**
Revised RFS Value :-	**0**
FS Value :-	**621**
Agreement Value :-	**Rs.436.56 Lakhs**
Expenditure so far :-	**Rs.214.56 Lakhs**
Other Expenditure so far :-	**0**
Agreement Value :-	**0**
Expenditure so far :-	**0**



- Edit Project:
  - Initially all the parameters are stored here what user can want to edit he can do it.
  - If user wants to upload updated images can also use this edit option.



Agreement Value *	Total Units *
Rs.436.56 Lakhs	10
Sold Units *	UnSold Units *
0	10
Expenditure So Far *	Other Expenditure So Far *
Rs.214.56 Lakhs	0
PMC *	Pending Approval *
nil	nil
Anticipated Completion Date *	EOT upto *
mm/dd/yyyy	mm/dd/yyyy
DueDate Of Completion *	Site Handing over *
mm/dd/yyyy	mm/dd/yyyy
PMC Expenditure So Far *	PMC Agreement Value *
0	0
EB *	Water/ Sewage *
To be applied	To be applied
Gift Deed *	Handing Over To Local Body *

Br.No And Date *	WorkLC Released *
4.14 Dt.18/02/2020	Rs.214.66 lakhs
Financial Achievement *	Costing Status *
49%	HIG- Rs. 194.66 Lakhs
Area *	Value *
nil	HIG- Rs. 193.66 Lakhs / Flat
Revised FS *	Revised RFS *
0	0

Plan Of Action For Sale *

Cost to be finalized

Survey No *

S.No.161 part

Total Extent *

0.21 Acres

Map *

https://maps.app.goo.gl/1BTyAGume95nm7MV8

Map *

https://maps.app.goo.gl/1BTyAGume95nm7MV8

Building Image

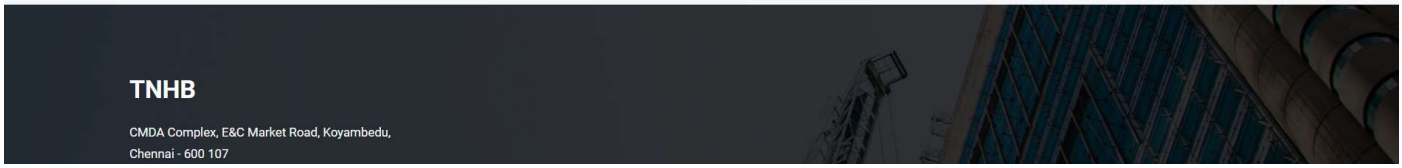
Image

Choose Files No file chosen

Upload

Update

Back



Map *

https://maps.app.goo.gl/1BTyAGume95nm7MV8

Building Image

Image

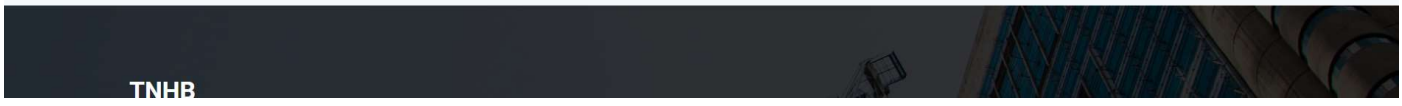
Choose Files No file chosen

Upload

This data was updated successfully!

Update

Back



- Report:
  - Month wise report is display here
  - Also user can filter the project by using type of filter button.
  - Download report button is used to download / print / save as PDF or sending Email.
  - Below mentioned parameters are shown in table
    - Unique code
    - Project Name
    - Total Units
    - Sold Units
    - Unsold Units
    - Due date of Completion
    - Costing Status
    - Pending Approvals
    - Expenditure So Far
    - PMC Expenditure So Far
    - Work LC Released.

Report for December

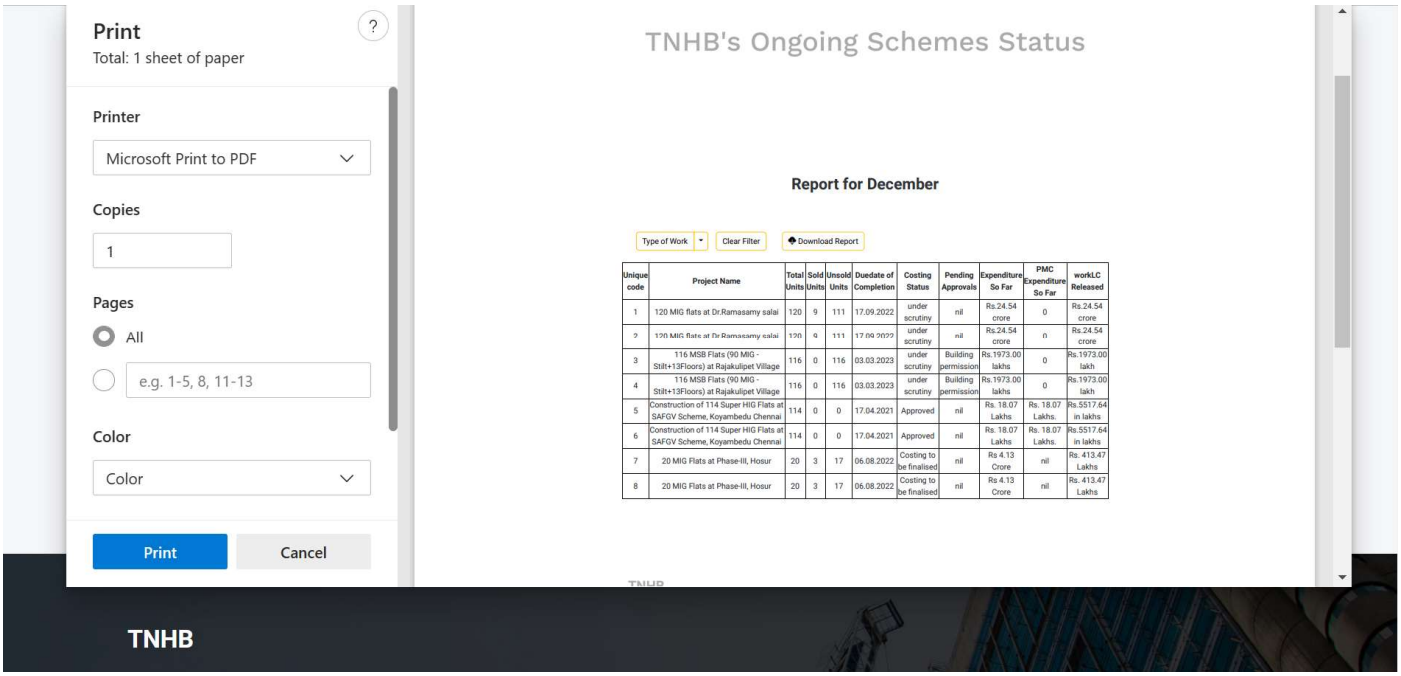
Type of Work | Clear Filter | Download Report

Unique code	Project Name	Total Units	Sold Units	Unsold Units	Duedate of Completion	Costing Status	Pending Approvals	Expenditure So Far	PMC Expenditure So Far	workLC Released
1	10 HIG flats at Thiruvanmiyur	10	0	10	02.02.2022	HIG- Rs. 194.66 Lakhs	nil	Rs.214.56 Lakhs	0	Rs.214.66 lakhs
2	1000 MSB flats at Sholinganallur	1000	3	997	07.01.2020	HIG:-Rs 53.94 Lakhs, MIG: Rs.38.30 Lakhs , LIG : Rs.29.94 Lakhs	Obtained	Rs. 21690 Lakhs	Rs 11.58 Lakhs	0
							Proposal submitted for erecting the			

Report for December

Type of Work | Clear Filter | Download Report

Unique code	Project Name	Total Units	Sold Units	Unsold Units	Duedate of Completion	Costing Status	Pending Approvals	Expenditure So Far	PMC Expenditure So Far	workLC Released
1	120 MIG flats at Dr.Ramasamy salai	120	9	111	17.09.2022	under scrutiny	nil	Rs.24.54 crore	0	Rs.24.54 crore
2	120 MIG flats at Dr.Ramasamy salai	120	9	111	17.09.2022	under scrutiny	nil	Rs.24.54 crore	0	Rs.24.54 crore
3	116 MSB Flats (90 MIG - Stilt+13Floors) at Rajakulipet Village	116	0	116	03.03.2023	under scrutiny	Building permission	Rs.1973.00 lakhs	0	Rs.1973.00 lakh
4	116 MSB Flats (90 MIG - Stilt+13Floors) at Rajakulipet Village	116	0	116	03.03.2023	under scrutiny	Building permission	Rs.1973.00 lakhs	0	Rs.1973.00 lakh
5	Construction of 114 Super HIG Flats at SAFGV Scheme, Koyambedu Chennai	114	0	0	17.04.2021	Approved	nil	Rs. 18.07 Lakhs	Rs. 18.07 Lakhs.	Rs.5517.64 in lakhs
6	Construction of 114 Super HIG Flats at SAFGV Scheme, Koyambedu Chennai	114	0	0	17.04.2021	Approved	nil	Rs. 18.07 Lakhs	Rs. 18.07 Lakhs.	Rs.5517.64 in lakhs
7	20 MIG Flats at Phase-III, Hosur	20	3	17	06.08.2022	Costing to be finalised	nil	Rs 4.13 Crore	nil	Rs. 413.47 Lakhs
8	20 MIG Flats at Phase-III, Hosur	20	3	17	06.08.2022	Costing to be finalised	nil	Rs 4.13 Crore	nil	Rs. 413.47 Lakhs

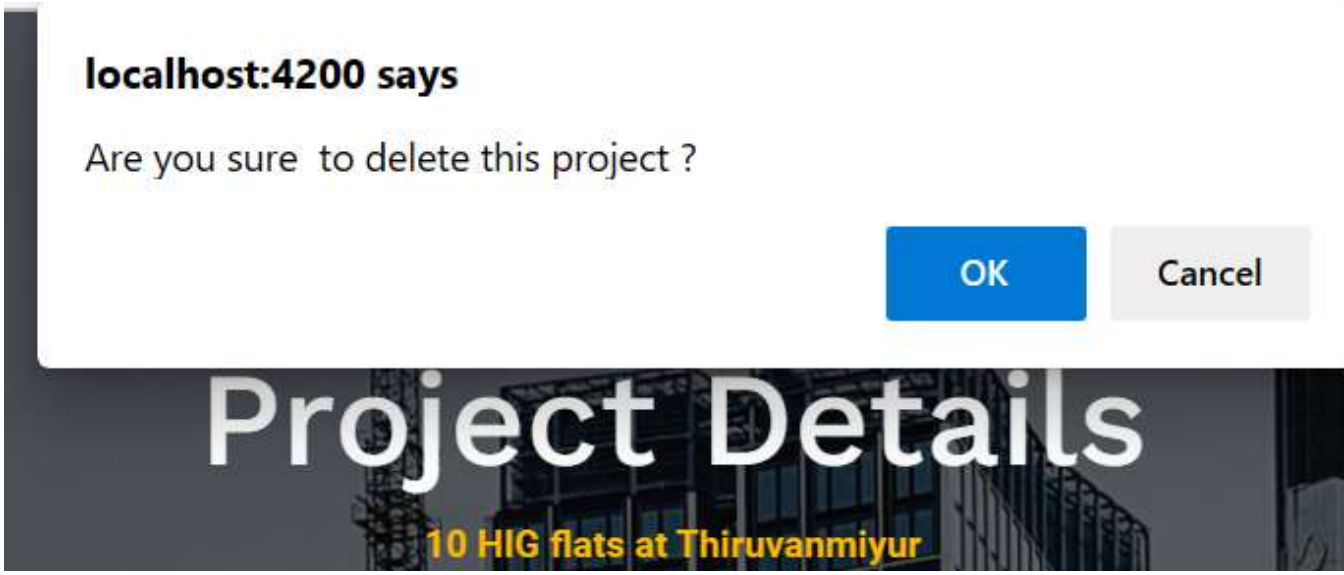


MAP:
If user wants to check the location of the particular scheme by clicking the map icon he navigate to next window.By this he can verify the location.

Location

Chennai Rail Museum
Integral Coach Factory (ICF)
I.C.F COLONY
Collapse side panel
Kora Food Street
Anna Tower
ANNA NAGAR
Thirumangalam
Sundaram Medical Foundation Or...
Shree Mithai
NSK NAGAR

- Delete:



- Logout:

  Once all the projects details updated then do logout is a good practice of every Application.

Username & Password: 35Logins

Username	Password
Admin	admin
ChiefEngineerRural_Edit	chiefengineer@123
ChiefEngineerCity_Edit	chiefengineer@123
SystemAdmin	systemadmin@123
SystemAdmin1	systemadmin@123
SystemAdmin2	systemadmin@123
SystemAdmin3	systemadmin@123

HousingSecretary	housingsecretary@123
S&PO	spo@123
AllotmentSection	allotmentsection@123
AnnaNagar_DE	dataentry@123
Madurai_DE	dataentry@123
Trichy_DE	dataentry@123
Thanjavur_DE	dataentry@123
Thirunelveli_DE	dataentry@123
UTSTD_DE	dataentry@123
Ramnad_DE	dataentry@123
Coimbatore_DE	dataentry@123
Salem_DE	dataentry@123
Erode_DE	dataentry@123
Hosur_DE	dataentry@123
TSTD_DE	dataentry@123
CIT_DE	dataentry@123
WoodWorkingUnit_DE	dataentry@123
ForeshoreEstate_DE	dataentry@123
SAFGV_DE	dataentry@123
SPD-2_DE	dataentry@123
JJNagar_DE	dataentry@123
BND_DE	dataentry@123
Villupuram_DE	dataentry@123
Vellore_DE	dataentry@123
Nandanam_DE	dataentry@123
KKNagar_DE	dataentry@123
SPD-1_DE	dataentry@123
SPD-3_DE	dataentry@123