

## Search/Create -Property

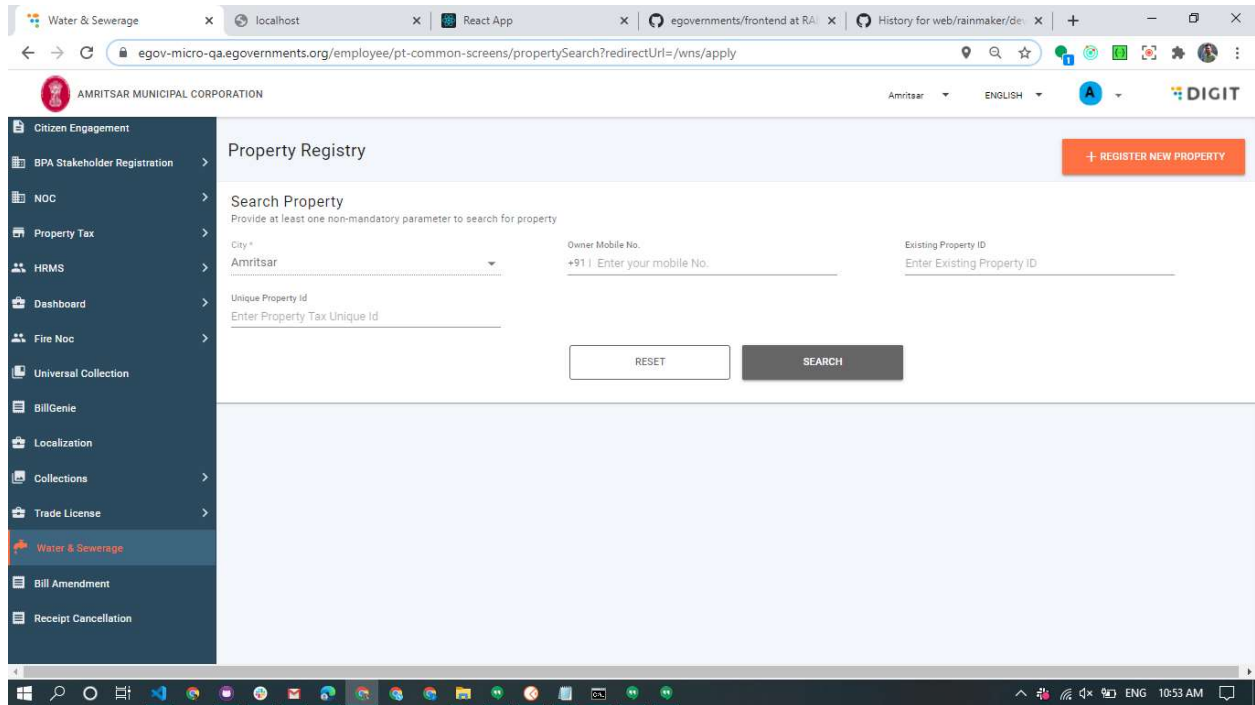
### Search Property

To provide users facility to search properties in the application by providing various search criteria to Create a Water Application.

The screenshot shows a web browser window with the URL `egov-micro-qa.egovernments.org/employee/wns/apply`. The page is titled "Application for New Water and Sewerage Connection" and is part of the "AMRITSAR MUNICIPAL CORPORATION" system. The interface includes a sidebar menu with various services like "Citizen Engagement", "BPA Stakeholder Registration", "NOC", "Property Tax", "HRMS", "Dashboard", "Fire Noc", "Universal Collection", "BillGenie", "Localization", "Collections", "Trade License", "Water & Sewerage" (highlighted), "Bill Amendment", and "Receipt Cancellation". The main content area features a progress bar with four steps: 1. Connection Details, 2. Documents, 3. Additional Details, and 4. Summary. The "Connection Details" step is active. It contains a "Property Details" section with a "Property ID" field and a "SEARCH" button. Below this is a "Connection Details" section with "Apply For" options (Water and Sewerage), "No. of taps proposed" field, and "Pipe Size proposed (in inches)" dropdown. A "NEXT STEP" button is located at the bottom right of the form.

While creating a New Water Application , it will be created based on the property so to select property we Navigate to this Search / Create property and search for a property and select the required property so that we can create a New Water/Sewerage Application.

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-wns-dev/src/ui-config/screens/specs/wns/apply.js>



## Technical Implementation Details

All the screens are developed under the egov-pt-dev package.

It follows egov-ui framework principles. All the screens have their configuration in the egov-pt dev package folder. Property search configuration listed in the below file.

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-pt-dev/src/ui-config/screens/specs/pt-common-screens/propertySearch.js>

## Property Search Table

### Objective

Property search table is created to display the search results in a tabular format. Property search table contains various columns as per product requirements. Table Columns can be configured from the Table component configuration written in source file.

Table has few features like sorting, pagination, table search, rows limit. All these features are configurable. Default no of rows in the table configured as 10.

AMRITSAR MUNICIPAL CORPORATION

Search Results for Properties (50)

Unique Property Id	Owner Name	Address	Action
PB-PT-2020-12-21-007687	Jagan	Deep Rice Mill Road - Area1,Amritsar	INWORKFLOW
PB-PT-2020-12-21-007686	Jagan	Deep Rice Mill Road - Area1,Amritsar	Inactive
PB-PT-2020-03-03-004188	Jagan	Deep Rice Mill Road - Area1,Amritsar	Inactive
PB-PT-2020-12-15-007638	Jagankumar,Jagankumar,Jagan	Ajit Nagar - Area1,Amritsar	SELECT
PB-PT-2020-11-20-007520	Jagankumar,Jagankumar,Jagan	Ajit Nagar - Area1,Amritsar	SELECT
PB-PT-2020-11-21-007535	Jagankumar,Jagankumar,Jagan	Ajit Nagar - Area1,Amritsar	INWORKFLOW
PB-PT-2020-11-21-007542	Jagankumar,Jagankumar	Ajit Nagar - Area1,Amritsar	INWORKFLOW
PB-PT-2020-11-20-007523	Jagankumar,Jagankumar	Ajit Nagar - Area1,Amritsar	INWORKFLOW
PB-PT-2020-11-20-007522	Jagankumar,Jagankumar	Ajit Nagar - Area1,Amritsar	INWORKFLOW
PB-PT-2020-11-16-007453	Jagankumar,SEEMA SINHA	Ajit Nagar - Area1,Amritsar	SELECT

Rows per page: 10 1-10 of 50

Here we can select the property which are Active / Approved.

If none of the search criteria matches we can create a new property by Register property Option.

Table body initializes with the Property search page initialization. By default tables are hidden. Once the search operation completed successfully then all the search records formatted into to expected tabular format and supplied to the table by making Table as visible.

Below is the file link.

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-pt-dev/src/ui-config/screens/specs/pt-common-screens/searchResource/searchFunctions.js>

## Create / Register Property

Provide Citizen/Employee to Create a New Property. User has to provide various information regarding Property Location, Property Built up Information and Owner Information. Once the application registered successfully it goes through various phases based on configuration.

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-pt-dev/src/ui-config/screens/specs/pt-common-screens/register-property.js>

**Register New Property**

**Property Assembly Details**

Property Type \*  
Select Property Type

Total Land Area \*  
Enter Total Land Area

Total constructed Area \*  
Enter Total constructed Area

Usage Type \*  
Select Usage Type

**Property Location Details**

City \*  
Amritsar

Locality/Mohalla \*  
Enter Mohalla

House/Door No. \*  
Enter House/Door No.

Building/Colony Name \*  
Enter Building/Colony Name

**Property Ownership Details**

Ownership Type \*  
Kalandi/Pharashahi/Tona

**NEXT**

## MDMS Requests

```
{ name: "PropertyType" },
{ name: "UsageCategory" },
{ name: "PTWorkflow" }
```

Based on the **PTWorkflow** Response Property Created through WNS module will behave in following way

### Register New Property states

	Current State	Action	Next State	Actors
1				
2		Initiate	Initiated	CEMP, Citizen
3	Initiated	Next	Inworkflow	CEMP, Citizen
4	Inworkflow	Back	Initiated	CEMP, Citizen
5	Inworkflow	Submit	Approved	CEMP, Citizen

Once property is created it is approved in the further screens if **PTWorkflow** is satisfying this condition.

```
get(payload, "MdmsRes.PropertyTax.PTWorkflow", []).filter(data=>
data.enable&&data.businessService).includes("WNS"))
```

and property object will have same business service from that mdms `businessService : data.businessService`

## Summary screen

Summary of register property is configured in

<https://github.com/egovernments/frontend/blob/master/web/rainmaker/dev-packages/egov-pt-dev/src/ui-config/screens/specs/pt-common-screens/summary.js> file.

## Property Create API

Property is created using `/property-services/property/_create` API, the returned data is formatted and dispatched to redux

## API Call Role Action mapping

S.No.	API	Action id	Roles
1	/access/v1/actions/mdms/_get	870	CSR, GRO,DGRO,EMPLOYEE,CITIZEN,PGR-ADMIN,EMPLOYEE_FINANCE,TL_APPROVER,TL_CEMP, SUPERUSER, COLL_OPERATOR, BANK_COLL_OPERATOR, CSC_COLL_OPERATOR, DMA OFFICE OFFICER, ULB OFFICER, COMMISSIONER,
2	/egov-mdms-service/v1/_search	954	LOA_CREATOR, SUPERUSER, WO_CREATOR, AE_CREATOR, WORKS_MASTER_CREATOR,
3	/user/_search	604	SUPERUSER, SYS_INTEGRATOR_FINANCE, SYS_INTEGRATOR_WATER_SEW, EGF_BILL_CREATOR, EMPLOYEE, EMPLOYEE_FINANCE,
4	/localization/messages/v1/_search	1531	SUPERUSER, EMPLOYEE, CITIZEN, GRO, DGRO,
5	/property-services/property/_search	1897	CITIZEN, PT_CEMP, PT_DOC_VERIFIER, PT_FIELD_INSPECTOR, PT_APPROVER

	rch		
6	/property-services/property/_create	1895	CITIZEN, PT_CEMP,