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Introduction

Capacity Planning Tool (CPT)

Capacity Planning Tool is a one solution Web-Based tool for all activities with respect to managing projects and resources. Using this we can keep track of capacity of an Resource, ongoing projects, holidays, and other non-working days for the organization as well as an individual. With the help of this tool, we can have all entry like Projects, Resources, Holidays, Markets, etc. directly from dedicated Master pages, furthermore from Project Allocation Page we can perform resource to project mapping within few seconds.

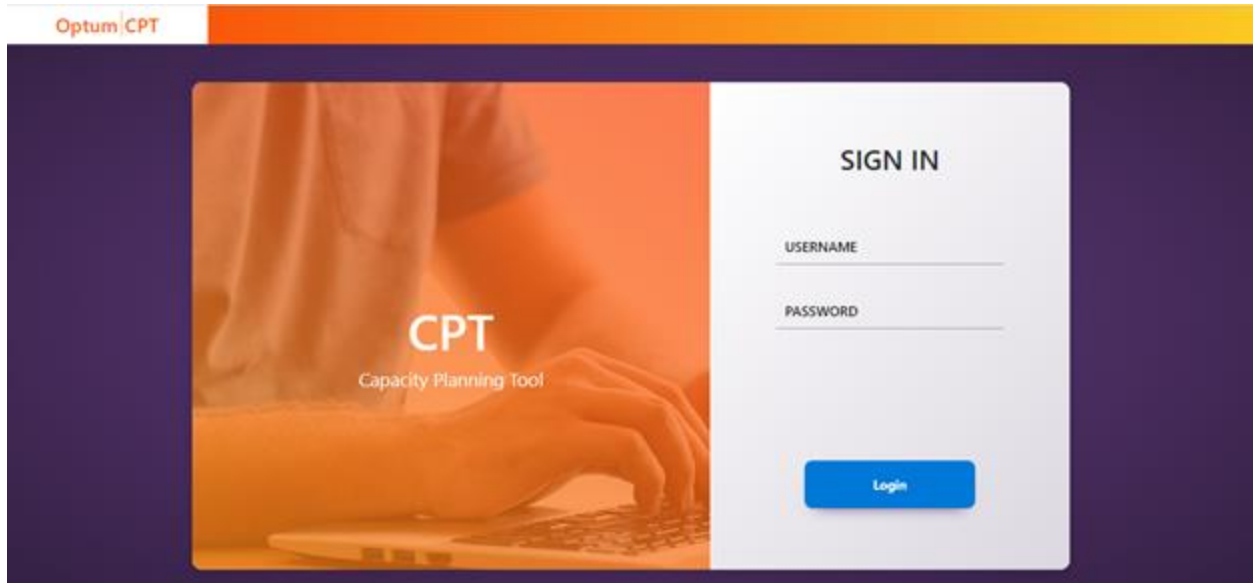
Agenda for this implementation is to bring multiple applications such as PPM Optics, TFS sprint, etc. on one platform for different markets. With the help of this tool, we can have all entry like Projects, Resources, Holidays, Markets, etc. directly from dedicated Master pages, furthermore from Project Allocation Page we can perform resource to project mapping within few seconds.

For better aid in utilization of the data capture from process, we have Power BI reports to represent different aspects of data analysis and visualization.

Pages and Capabilities

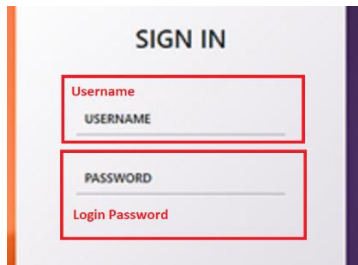
Login Screen

This is the first screen where a user is navigated, and this provides the interface through which a valid user can use.

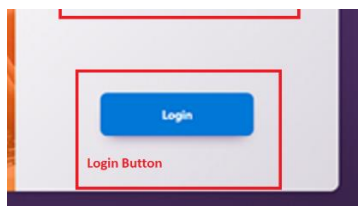


Screen provided for users to login using valid credentials. Using this screen, users with valid credentials can login. And use the app.

Step 1: User provides login credentials.



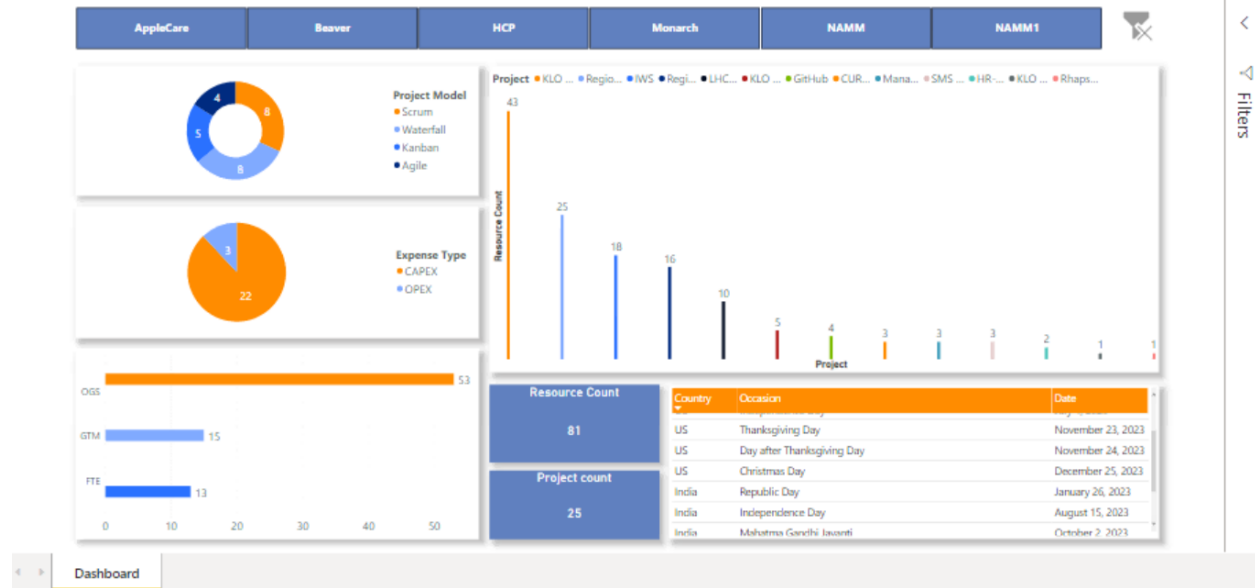
Step 2: User clicks the Login button



After clicking the Login button, both username as well as the password provided by the user is validated from the backend and if the credentials are valid, login is successful and user lands on the dashboard.

Dashboard

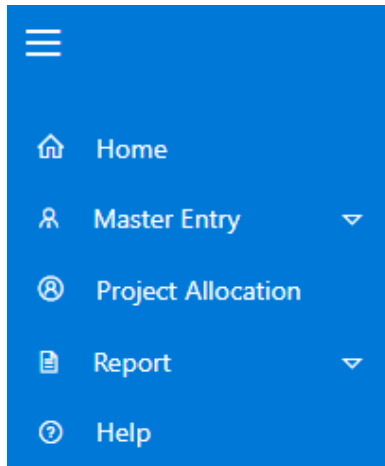
The dashboard shows Markets, Project models, Expense Type and Holiday data. We have visuals on Project models along with Expense Type for project in a selected market. It also shows projects along with the number of resources working in the project using bar chart. The holiday list shows holidays along with location for selected Market.



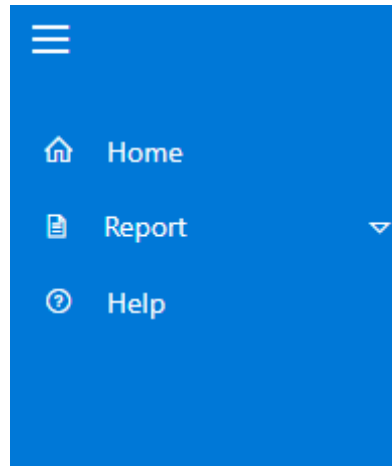
Dashboard with different graphs and charts related to ongoing projects and resources.

Role Based Access

Admin



General User

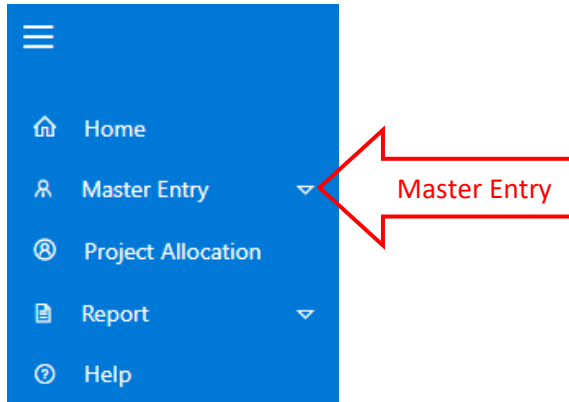


We have two different kinds of roles namely admin and user, depending upon the role of the user we have different capabilities accessible to the users and it can be seen in the attached images above.

For a normal user we have limited the access to reports only however for admins we have the access to master entry as well which leads to a host of other market management capacities.

Master Entry

Master Entry provides an interface for the management of different resources and events i.e. any valid admin can add, see and update. A valid admin can manage Market Details, Resource Details, Project Details and Holiday Details. And it can be accessed from the sidebar on the left.

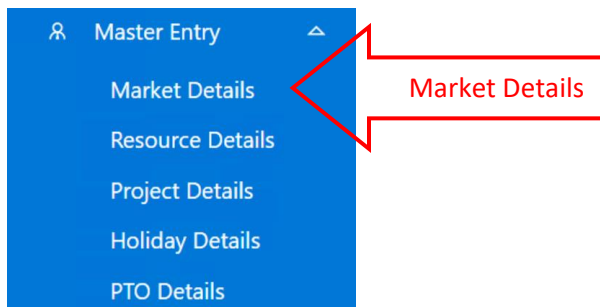


Market Details

Market Details provides controls to manage different markets and their details such as their domain, status etc.

Accessing Market Details:

Step 1: To access Market Details admin clicks on the Market Details dropdown under Master Entry.



Step 2: Admin gets navigated to following screen

A screenshot of the 'Market Details' screen. The page has a header with 'Market Details' and a '+ Add Market' button. Below the header is a 'Status' filter set to 'Active' and a 'Clear Filters' button. The main content is a table with columns: Market Name, Market Domain, Status, Created Date, and Created By. The table contains four rows of data. A red box highlights the table, and a red arrow points to it with the text 'Market Details'.

Market Name	Market Domain	Status	Created Date	Created By
HCP	HCP	Active	01/04/2023	Test Admin
Beaver	Beaver	Active	01/05/2023	Test Admin
NAMM	NAMM	Active	01/09/2023	Test Admin
Monarch	Monarch	Active	01/23/2023	Test Admin

We have a search functionality using that we can search based on different values.

User Manual

Capabilities available within the Market Details Tab

Admin can access details related to Markets associated with us. Accessible details are Market Name, Market Domain, Status (Active or Inactive), date of creation and who has created a Market.

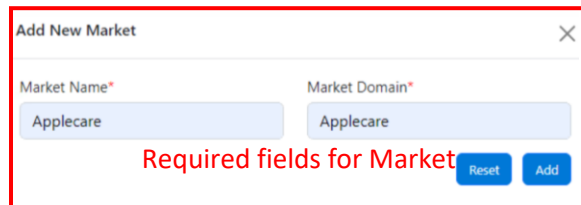
Admin can search, using which admins can get details for a market. Apart from search admin can also add Markets that are associating.

Steps to add a market

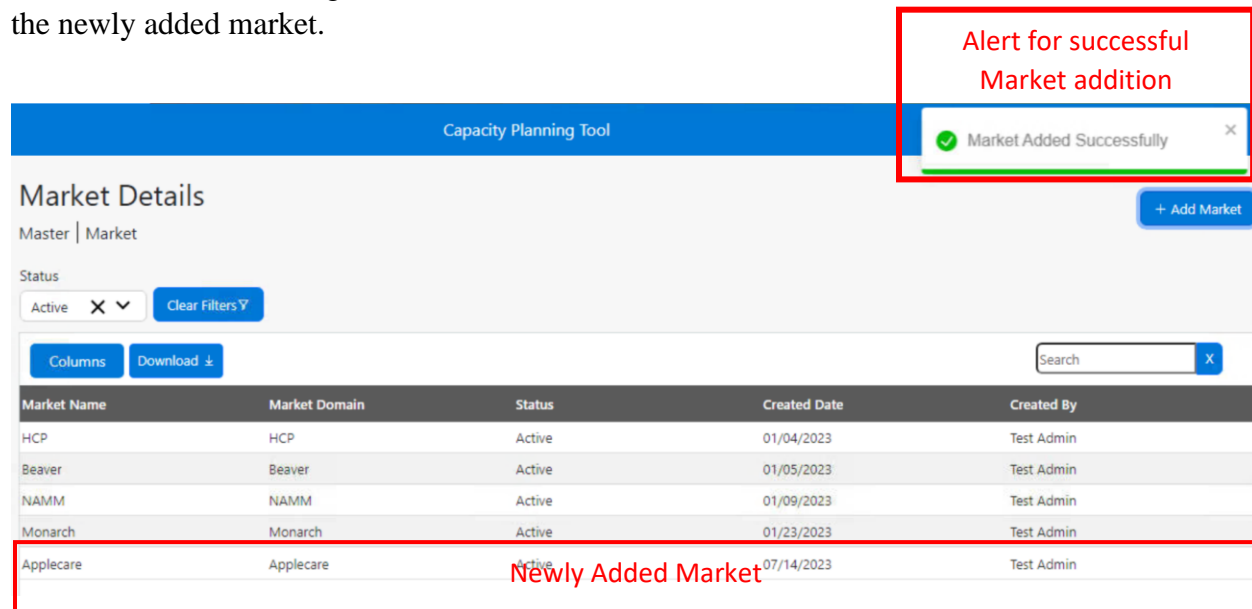
Step 1: On the Market Details tab admin can find a button “+ Add Market” available on top right corner below the Username and profile picture. Admin clicks on the button then a form with required fields opens-up.



Step 2: Admin fills in the required details and submits the form.

A form titled 'Add New Market' with a close button (X). It contains two input fields: 'Market Name*' and 'Market Domain*', both with the value 'Applecare'. Below the fields is the text 'Required fields for Market' in red. At the bottom right are 'Reset' and 'Add' buttons.

After submission admin gets an alert and returns to the Market Details screen where he can see the newly added market.



The screenshot shows the 'Capacity Planning Tool' header. A blue alert box in the top right corner displays a green checkmark and the text 'Market Added Successfully'. Below the header, the 'Market Details' section has a 'Master | Market' breadcrumb and a '+ Add Market' button. A filter dropdown shows 'Status: Active' with a 'Clear Filters' button. Below this is a table with columns: Market Name, Market Domain, Status, Created Date, and Created By. The table lists five markets: HCP, Beaver, NAMM, Monarch, and Applecare. The 'Applecare' row is highlighted with a red box and labeled 'Newly Added Market' in red text.

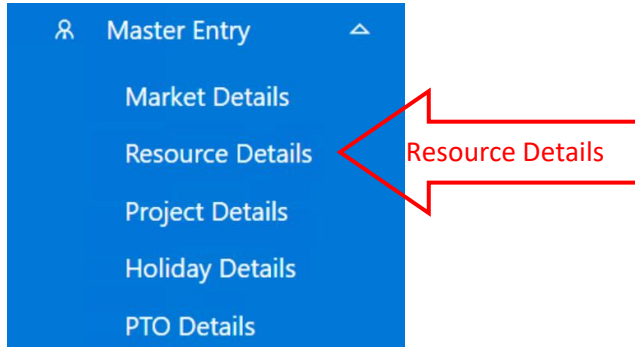
Market Name	Market Domain	Status	Created Date	Created By
HCP	HCP	Active	01/04/2023	Test Admin
Beaver	Beaver	Active	01/05/2023	Test Admin
NAMM	NAMM	Active	01/09/2023	Test Admin
Monarch	Monarch	Active	01/23/2023	Test Admin
Applecare	Applecare	Active	07/14/2023	Test Admin

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Resource Details

Resource Details provides the capability to manage the Resources and the projects they are working on or have worked on in the past along with the number of hours on respective projects and some other details.

Accessing Resource Details

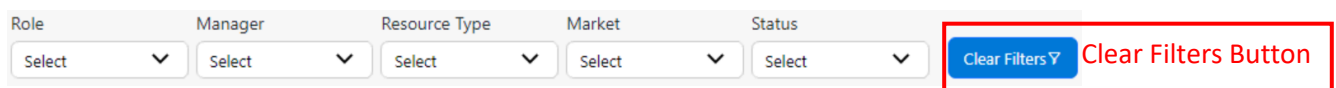


To access Resource Details admin selects Resource Details tab under Master Entry of the sidebar, then it navigates to the following screen.

The image shows the 'Resource Details' page. At the top, there is a header with 'Master | Resource Details' and a '+ Add Resource' button. Below the header, there are filters for Role, Manager, Resource Type, Market, and Status. A 'Clear Filters' button is also present. Below the filters, there is a table with columns: Resource, Role, Email Address, Manager, Resource Type, Market, Location, Sub Location, Status, Created Date, and Created By. The table contains several rows of resource data. A red box highlights the table, and the text 'Resource Details' is overlaid on the table.

Resource	Role	Email Address	Manager	Resource Type	Market	Location	Sub Location	Status	Created Date	Created By
Akshay Madan	Developer	user@optum.com	Vipul Suri	GTM	HCP	US	California	Active	05/31/2023	Test Admin
Alexander Roze...	Developer	user@optum.com	Vipul Suri	GTM	HCP	US	California	Active	01/25/2023	Test Admin
Amarendra Bojja	QA	user@optum.com	Sivaruban Vines...	GTM	HCP	US	California	Active	05/31/2023	Test Admin
Amit Singh Cha...	Developer	user@optum.com	Ashish Khare	OGS	HCP	India	Hyderabad	Active	05/31/2023	Test Admin
Anand Pachipala	Developer	user@optum.com	Ashish Khare	GTM	HCP	India	Hyderabad	Active	01/24/2023	Test Admin
Anant Toshniwal	Developer	user@optum.com	Ashish Khare	OGS	HCP	India	Noida	Active	01/24/2023	Test Admin

Here we also have search functionality using it we can search different fields and on the basis of that we get all the records. Apart from search we also have filters and clear filter functionality. We can filter Resources on the basis of role, manager, resource type, market and their status of activeness.



Using the clear filters button we can cancel all filters and get the unfiltered records on the screen.

Download Selected Columns



User Manual

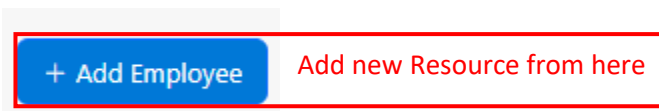
On all the master pages, we have a column dropdown on this screen. It has some already selected selection fields for the columns that are visible on the screen and some fields are unselected but we can filter the columns that we want to download. But, if we don't filter the columns then already selected columns would be exported.

Capabilities accessible from the Resource Details screen.

1. Admin can see details related to Resources
2. Admin can also download the list of Resources with afore-mentioned fields using the Export button beneath the filter.
3. Admin can see a list of Resources and the list can be filtered as well on the basis of different filters namely
 - a. Role
 - b. Manager
 - c. Resource Type
 - d. Market
 - e. Status
4. Admin can also search a Resource.
5. Downloading the Bulk upload template
6. Adding Resources details in bulk
7. Adding Resources details individually
8. Edit or Update Resource Details

Steps for Adding Individual Resources:

Step 1: Admin clicks on the “+ Add Resource” button available on the top right corner then a form with required details opens-up.



Step 2: After filling in all the required fields admin can submit it.

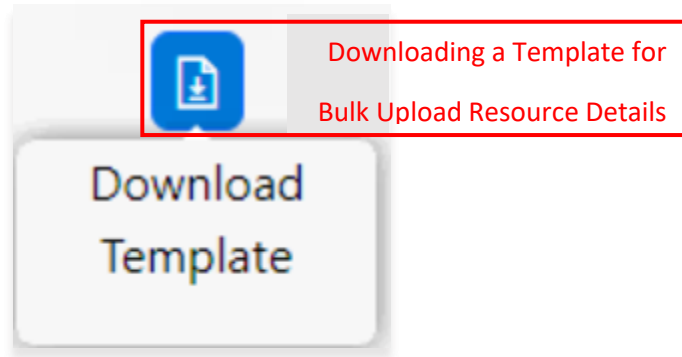
A screenshot of a web form titled 'Add New Resource' with a close button (X) in the top right corner. The form contains several input fields and dropdown menus, each marked with a red asterisk to indicate they are required. The fields are arranged in two columns: 'Resource*', 'Role*', 'Email Address', 'Manager*', 'Resource Type*', 'Market*', 'Location*', and 'Sub Location*'. Each field has a 'Select' dropdown or an empty text box. At the bottom of the form, there are two blue buttons labeled 'Reset' and 'Add'. A red rectangular border highlights the entire form area, and the text 'Required fields for Resource' is written in red at the bottom left of the border.

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After submission with all the valid details Resource gets added and the admin gets an alert of successful addition, and the newly added Resource can be found on the Resource details screen.

Downloading A Template of Resource Details

Admin can simply download a template with all the required details of all the Resources by clicking the highlighted button.



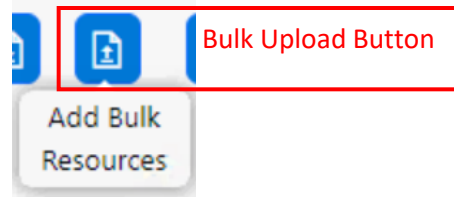
Export Resource Details

For all the master pages, admins can export Resource details filtered or total clicking the Download button available below the filter, and it would prompt admin to select the download file type which could be either a pdf or an excel file. If we select any filters before clicking the export button, then the exported file would contain all the filtered details but if we don't select any filters then all the details would be exported.



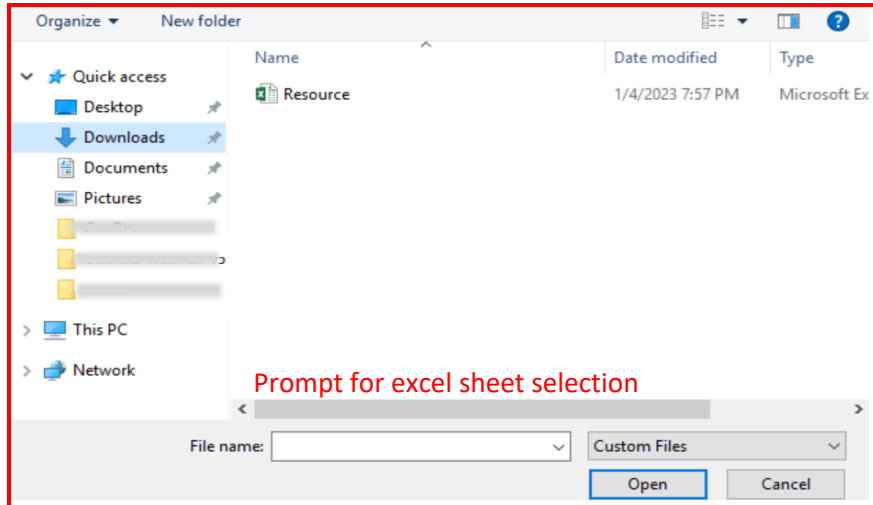
Steps for adding Resources' details in bulk:

Step 1: Admin selects the second button available on top right corner of the Resource Details screen then a pop up for selecting an excel sheet with all the required fields.



Step 2: After selecting an excel sheet with all the required fields for adding individual Resource details. After selecting the file admin submits.

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After successful upload, all the valid details get updated, and admin gets an alert. All newly added Resources can be seen on the Resource details screen.

Steps for Updating a Resource Details

Step 1: Admin double clicks on a resource detail row then a prepopulated form opens from the right side of the screen. If an admin does not want to update, he can click outside the form or can click on the “x” button available on the top right corner of the form.

The screenshot shows the 'Update Resource' form. The form contains the following fields:

- Resource*: Anand Pachipala
- Role*: Developer
- Email Address: user@optum.com
- Manager*: Ashish Khare
- Resource Type*: OGS
- Market*: HCP
- Location*: India
- Sub Location*: Hyderabad
- Status: Active

Buttons: Delete, Update

A red text overlay reads 'Resources details that can be updated'.

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Step 2: Admin can update the details with valid set of information and can submit it. All the updated information can be seen on the Resource details screen itself.

Alert on Update

Capacity Planning Tool

Resource Updated Successfully

Resource Details

Master | Resource Details

Role

Manager

Resource Type

Market

Status

Clear Filters

Columns

Download

Search

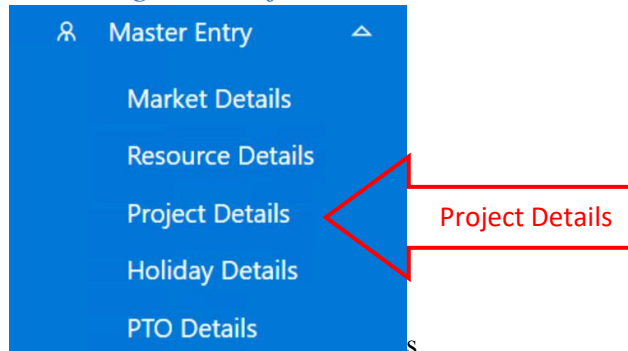
Resource	Role	Email Address	Manager	Resource Type	Market	Location	Sub Location	Status	Created Date	Created By
Akshay Madan	Developer	user@optum.com	Vipul Suri	GTM	HCP	US	California	Active	05/31/2023	Test Admin
Alexander Roze...	Developer	user@optum.com	Vipul Suri	GTM	HCP	US	California	Active	01/25/2023	Test Admin
Amarendra Bojja	QA	user@optum.com	Sivaruban Vines...	GTM	HCP	US	California	Active	05/31/2023	Test Admin
Amit Singh Cha...	Developer	user@optum.com	Ashish Khare	OGS	HCP	India	Hyderabad	Active	05/31/2023	Test Admin
Anand Pachipala	Developer	user@optum.com	Ashish Khare	OGS	HCP	India	Hyderabad	Active	01/24/2023	Test Admin
Anant Toshimwal	Developer	user@optum.com	Ashish Khare	OGS	HCP	India	Noida	Active	01/24/2023	Test Admin

User Manual

Project Details

This screen provides project management capability. From this screen admin can see projects, their code, market, manager, model, and some other details. And admin can also add, search and filter projects

Accessing the Project Details Screen



To access Project Details admin selects Project Details dropdown under Master Entry of the sidebar, then it navigates to the following screen.

The 'Project Details' screen has a header with 'Master | Project Info' and a '+ Add Project' button. Below the header are filters for Project Model, Project Market, Expense Type, and Status, along with a 'Clear Filters' button. A table below shows a list of projects with columns for Project Code, Project Name, Project Model, Project Market, Project Manager, Expense Type, Status, Created Date, and Created By. A red box highlights the table and is labeled 'Project Details'.

Project Code	Project Name	Project Model	Project Market	Project Manager	Expense Type	Status	Created Date	Created By
PRJ0010593	Internet Explorer En...	Agile	HCP	Ashish Khare	CAPEX	Active	01/25/2023	Test Admin
12121	AllScripts (QA)	Agile	HCP	Leslie Kiheri	CAPEX	Active	01/09/2023	Test Admin
123ABC	Test Project	Agile	HCP	David Weekes	CAPEX	Active	06/16/2023	Leslie Kiheri
22222	Open VMS	Agile	HCP	Shriyans Sharma	CAPEX	Active	01/25/2023	Test Admin
33333	GitHub	Agile	HCP		CAPEX	Active	01/25/2023	Test Admin
44444	Management	Agile	HCP	Ashish Khare	CAPEX	Active	01/25/2023	Test Admin
55555	Security	Agile	HCP		CAPEX	Active	01/09/2023	Test Admin
66666	Secure Project	Agile	HCP		CAPEX	Active	01/09/2023	Test Admin

By leveraging the search functionality we can search on the basis of different fields. Apart from search we can also filter projects on the basis of project model, market, expense type and their status.

The filter section shows dropdowns for Project Model, Project Market, Expense Type, and Status. A red box highlights the 'Clear Filters' button and is labeled 'Clear Filters Button'.

And once we are done with filters we can cancel all filters using the clear filter button.

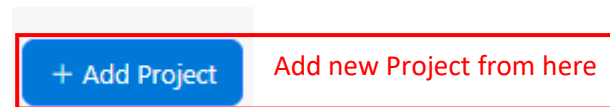
User Manual

Capabilities accessible from the Project Details screen.

1. Admin can see details related to projects
2. Admin can see a list of projects and the list can be filtered as well based on different filters namely
 - a. Project Model
 - b. Market
 - c. Expense Type
 - d. Status
3. Admin can also search a project.
4. Adding Project Detail
5. Adding Projects in bulk
6. Editing Project Detail

Steps to Add a Project

Step 1: Admin clicks on the “+ Add Project” button available on the top right corner of the Project Details screen, then following form opens-up with required fields.



Step 2: Admin fills in the required field of the form and submits it. Project Model, Market and Expense Type are predefined set of information, and they are restricted to available options only.

A form titled 'Add New Project' with a close button (X) in the top right. It contains several input fields: 'Project Code*' with the value '66666', 'Project Name*' with the value 'Secure Project', 'Project Model*' with a dropdown menu showing 'Agile', 'Market*' with a dropdown menu showing 'HCP', 'Expense Type' with a dropdown menu showing 'CAPEX', and 'Program Manager' which is empty. At the bottom right are 'Reset' and 'Submit' buttons. A red text label 'Required Project Details' is positioned below the form fields.

Project Code* 66666

Project Name* Secure Project

Project Model* Agile

Market* HCP

Expense Type CAPEX

Program Manager

Reset Submit

Required Project Details

After successful addition of the project admin gets an alert and the newly added project can be seen on the project details screen as in the following screen.

Project Code	Project Name	Project Model	Project Market	Program Manager	Expense Type	Status	Created Date	Created By
PRJ0010593	Internet Explorer En...	Agile	HCP	Ashish Khare	CAPEX	Active	2023-01-25	Test Admin
12121	AllScripts (QA)	Agile	HCP	Leslie Kiheri	CAPEX	Active	2023-01-09	Test Admin
22222	Open VMS	Agile	HCP	Shriyans Sharma	CAPEX	Active	2023-01-25	Test Admin
33333	GitHub	Agile	HCP		CAPEX	Active	2023-01-25	Test Admin
44444	Management	Agile	HCP	Ashish Khare	CAPEX	Active	2023-01-25	Test Admin
55555	Security	Agile	HCP		CAPEX	Active	2023-01-09	Test Admin
66666	Secure Project	Agile	HCP		CAPEX	Active	2023-01-09	Test Admin

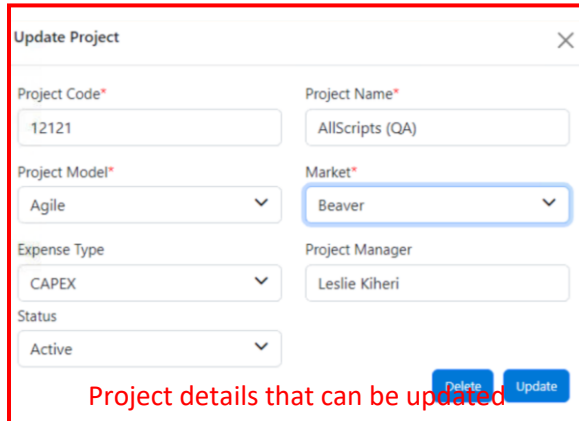
Newly Added Project

Steps to Adding Project in bulk

Similar to adding resources in bulk we also have bulk upload button for projects, when clicked it prompts for uploading a excel sheet and after validation it adds all the valid projects.

Steps to Update a Project

Step 1: Admin double clicks on a project details row available on the project details screen then a prepopulated form opens from the right side of the screen. If an admin does not want to update, he can click outside the form or can click on the “x” button available on the top right corner of the form.

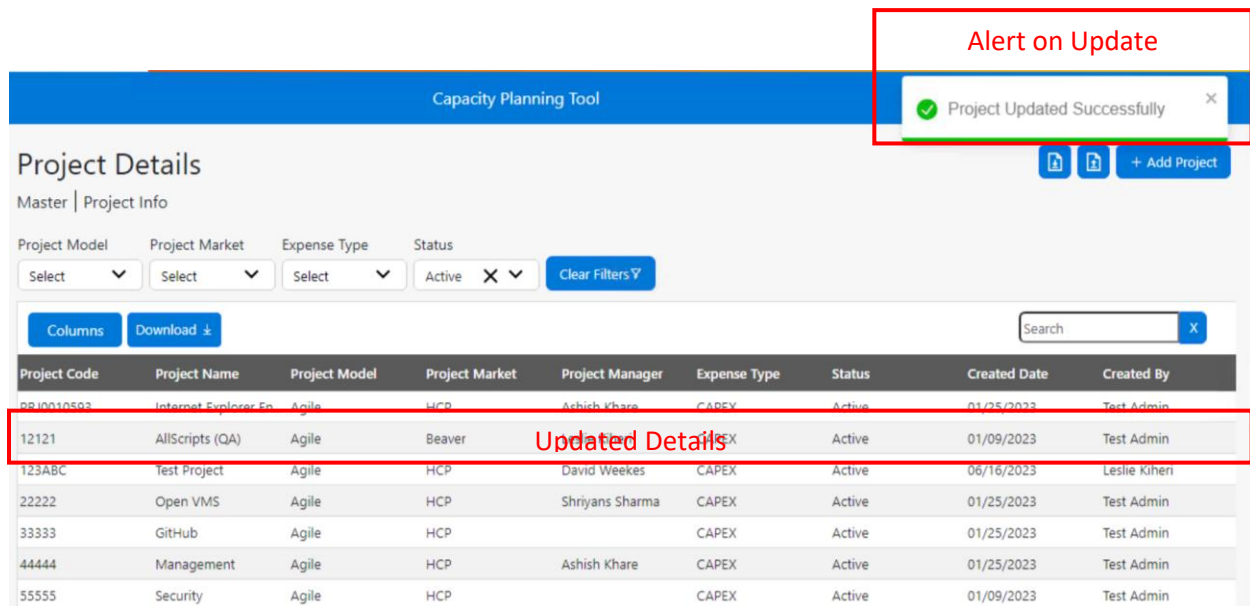


The 'Update Project' form is a modal window with a close button (X) in the top right corner. It contains the following fields:

- Project Code***: Text input with value '12121'.
- Project Name***: Text input with value 'AllScripts (QA)'.
- Project Model***: Dropdown menu with 'Agile' selected.
- Market***: Dropdown menu with 'Beaver' selected.
- Expense Type**: Dropdown menu with 'CAPEX' selected.
- Project Manager**: Text input with value 'Leslie Kiheri'.
- Status**: Dropdown menu with 'Active' selected.

At the bottom right, there are two buttons: 'Delete' and 'Update'. A red box highlights the entire form, and a red text label 'Project details that can be updated' is placed below it.

Step 2: Admin can update the details with valid set of information and can submit it. All the updated information can be seen on the project details screen itself.



The 'Project Details' screen shows a table of projects. A red box highlights the row for project '12121' with the label 'Updated Details'. Another red box highlights a green alert message 'Project Updated Successfully' in the top right corner with the label 'Alert on Update'.

Project Details Table:

Project Code	Project Name	Project Model	Project Market	Project Manager	Expense Type	Status	Created Date	Created By
0810010502	Internet Explorer Fo	Agile	HCP	Ashish Khare	CAPEX	Active	01/25/2023	Test Admin
12121	AllScripts (QA)	Agile	Beaver	Leslie Kiheri	CAPEX	Active	01/09/2023	Test Admin
123ABC	Test Project	Agile	HCP	David Weekes	CAPEX	Active	06/16/2023	Leslie Kiheri
22222	Open VMS	Agile	HCP	Shriyans Sharma	CAPEX	Active	01/25/2023	Test Admin
33333	GitHub	Agile	HCP		CAPEX	Active	01/25/2023	Test Admin
44444	Management	Agile	HCP	Ashish Khare	CAPEX	Active	01/25/2023	Test Admin
55555	Security	Agile	HCP		CAPEX	Active	01/09/2023	Test Admin

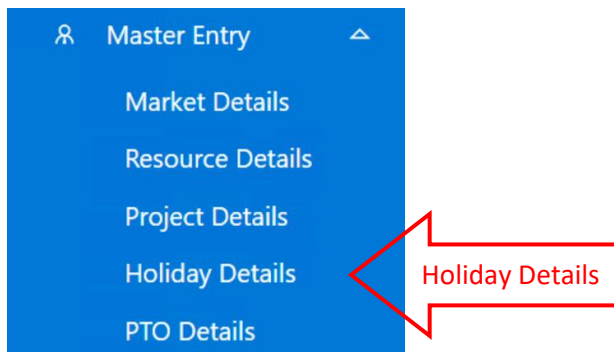
User Manual

Holiday Details

This screen provides capability to manage holidays, it provides details like market, location and other details applicable for a particular holiday.

Accessing the Holiday Details screen:

To access the Holiday Details Screen admin selects Holiday Details from the Master Entry dropdown of the left sidebar.



And after clicking the Holiday Details it navigates to following screen.

A screenshot of the 'Holiday Details' screen. At the top, there's a header 'Holiday Details' and a '+ Add Holiday' button. Below the header, there's a breadcrumb 'Master | Holiday Details'. A filter section contains dropdowns for 'Market', 'Location', 'Sub Location', and 'Status' (set to 'Active'), along with a 'Clear Filters' button. Below the filters are 'Columns' and 'Download' buttons, and a search bar. A table with 8 columns (Occasion, Holiday Date, Market, Location, Sub Location, Status, Created Date, Created By) displays two rows of 'Republic Day' data. A red box highlights the table, and the text 'Holiday Details' is written in red below it.

Occasion	Holiday Date	Market	Location	Sub Location	Status	Created Date	Created By
Republic Day	01/26/2023	HCP	India	Bangalore	Active	01/30/2023	Test Admin
Republic Day	01/26/2023	HCP	India	Chennai	Active	01/30/2023	Test Admin

On this screen admin can see some details related to a holiday like the occasion, date, market, location, sublocation and some other details as well.

On this screen we have a search functionality using it we can search on the basis of different fields. We also have filters and clear filter functionality. We can filter holidays on the basis of market, location, sublocation and their status whether they are active or inactive.

A close-up screenshot of the filter section. It shows dropdowns for 'Market', 'Location', 'Sub Location', and 'Status'. A red box highlights the 'Clear Filters' button, with the text 'Clear Filters Button' written in red next to it.

Market	Location	Sub Location	Status
Select	Select	Select	Select

And once we are done with filters we can cancel all filters using the clear filter button.

Capabilities available on this screen:

1. Admin can see details related to Holidays
2. Admin can see a list of Holidays and the list can be filtered as well based on different filters namely
 - a. Market
 - b. Location
 - c. Sub Location
 - d. Status
3. Admin can also search a holiday.
4. Adding Holiday detail
5. Updating Holiday details

Steps to add a Holiday

Step 1: Admin clicks on the “+ Add Holiday” button available on the top right corner of the Holiday Details screen, then following form opens-up with required fields.

Step 2: Admin fills in the required field of the form and submits it.

 A form titled 'Add New Holiday' with a close button (X) in the top right. It contains several input fields: 'Occasion*' with 'Republic Day' entered, 'Holiday Date*' with '01/26/2023' and a calendar icon, 'Market*' with a dropdown showing 'HCP', 'Location*' with a dropdown showing 'India', and 'Sub Location*' with a dropdown showing 'Gurgaon'. At the bottom, there are 'Reset' and 'Add' buttons. A red text label 'Holiday required fields' is positioned above the 'Add' button. The entire form is enclosed in a red rectangular border.

After successful addition admin gets alert and the holiday can be seen on the holiday details screen as in the following screen.

Occasion	Holiday Date	Market	Location	Sub Location	Status	Created Date	Created By
New Year's Day	2023-01-05	HCP	US	California	InActive	2023-01-30	Test Admin
Martin Luther King Jr. ...	2023-01-16	HCP	US	California	Active	2023-01-30	Test Admin
Republic Day	2023-01-26	HCP	India	Bangalore	Active	2023-01-30	Test Admin
Republic Day	2023-01-26	HCP	India	Chennai	Active	2023-01-30	Test Admin
Republic Day	2023-01-26	HCP	India	Gurgaon	Active	2023-01-30	Test Admin

Newly Added Holiday

Steps to update a Holiday

Step 1: Admin double clicks the record he intends to update, then following form opens-up with required fields.

Step 2: Admin fills in the required field of the form and submits it.

User Manual

Update Holiday

Occasion*

Holi

Holiday Date*

03/05/2023

✕

📅

Market*

NAMM

▼

Location*

India

▼

Sub Location*

Gurgaon

▼

Status

Active

▼

Holiday required fields

Delete

Update

After successful update admin gets alert and the updated holiday can be seen on the holiday details screen as in the following screen.

Capacity Planning Tool

Alert on Update

✓ Holiday Updated Successfully ✕

Market

Location

Sub Location

Status

Select ▼

Select ▼

Select ▼

Active, InA... ✕ ▼

Clear Filters ▼

Columns

Download ⬇

Search

✕

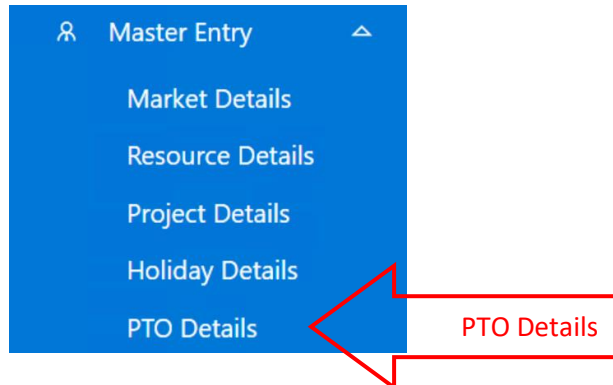
Occasion	Holiday Date	Market	Location	Sub Location	Status	Created Date	Created By
Test Holiday	01/04/2023	HCP	US	California	InActive	06/16/2023	Leslie Kiheri
New Year's Day	01/05/2023	HCP	US	California	InActive	01/30/2023	Test Admin
Martin Luther King Jr. ...	01/16/2023	HCP	US	California	InActive	01/30/2023	Test Admin
Republic Day	01/26/2023	HCP	India	Bangalore	Active	01/30/2023	Test Admin
Republic Day	01/26/2023	HCP	India	Chennai	Active	01/30/2023	Test Admin
Republic Day	01/26/2023	HCP	India	Gurgaon	Active	01/30/2023	Test Admin
Republic Day	01/26/2023	HCP	India	Hyderabad	Active	01/30/2023	Test Admin
Republic Day	01/26/2023	HCP	India	Noida	Active	01/30/2023	Test Admin
Holi	03/05/2023	NAMM	India	Gurgaon	Active	01/30/2023	Test Admin

Updated Holiday

PTO Details

This screen provides an interface from where admin can monitor and manage the PTOs for the resources. Here, admins can see the resources who have taken PTOs with their relevant details like the start date, end date, month, PTO types, and number of days of the PTO taken etc.

Accessing the PTO Details Screen



To access PTO Details admin selects PTO Details dropdown under Master Entry of the sidebar, then it navigates to the following screen.

PTO Details + Add PTO

Master | PTO

Resource: Select Manager: Select PTO Type: Select Month: Select Year: Select Status: Active X Clear Filters

Columns Download

Resource	Resource Manager	PTO Type	Start Date	End Date	Number of Days	Status	Created Date	Created By
Paul Kieu	Vipul Suri	PTO	05/04/2023	05/26/2023	17	Active	05/31/2023	Test Admin
Leslie Kiheri	Vipul Suri	PTO	05/05/2023	05/11/2023	5	Active	05/31/2023	Test Admin
Sreedevi Akula	Sivaruban Vinespar...	PTO	05/02/2023	05/03/2023	2	Active	05/31/2023	Test Admin
Uday Kumar Keesara	Ashish Khare	PTO	05/04/2023	05/04/2023	1	Active	05/31/2023	Test Admin

Here also, we have search and filter functionality and by using them we can filter these details as per our requirement and we can export filtered records in pdf or excel format. For filtering columns, we must select the columns from the column's dropdown.

Steps to add a PTO



Step 1: To add a new resource's PTO admin clicks on the "+ Add PTO" button available on the top right just below the profile icon. And it opens the following form with the fields for a PTO.

User Manual

Add New PTO

Resource*
Anuj Khanna

Manager
Vipul Suri

PTO Type*
Casual

PTO Start Date*
4/ 5/2023

PTO End Date*
19/ 5/2023

No. Of Days
12

Remarks

PTO details fields

Reset Submit

For valid filled in details PTO would be added successfully, admin get a notification and the newly added PTO can be seen on the PTO details screen.

Resource	Resource Manager	PTO Type	Start Date	End Date	Number of Days	Status	Created Date	Created By
Paul Kieu	Vipul Suri	PTO	05/04/2023	05/26/2023	17	Active	05/31/2023	Test Admin
Leslie Kiheri	Vipul Suri	PTO	05/05/2023	05/11/2023	5	Active	05/31/2023	Test Admin
Sreedevi Akula	Sivaruban Vinespar...	PTO	05/02/2023	05/03/2023	2	Active	05/31/2023	Test Admin
Uday Kumar Keesara	Ashish Khare	PTO	05/04/2023	05/05/2023	2	Active	05/31/2023	Test Admin
Anuj Khanna	Vipul Suri	PTO	05/04/2023	05/19/2023	12	Active	05/31/2023	Test Admin

Newly added PTO

Steps to update a PTO

Step 1: Admin double clicks the record he intends to update, then following form opens-up with required fields.

Step 2: Admin fills in the required field of the form and submits it.

Update PTO

Resource
Uday Kumar Keesara

Manager
Ashish Khare

PTO Type*
PTO

PTO Start Date*
05/03/2023

PTO End Date*
05/04/2023

No. Of Days
2

Remarks
NA

Status
Active

PTO details fields

Delete Update

For valid filled in details PTO would be updated successfully, admin get a notification and updated PTO can be seen on the PTO details screen.

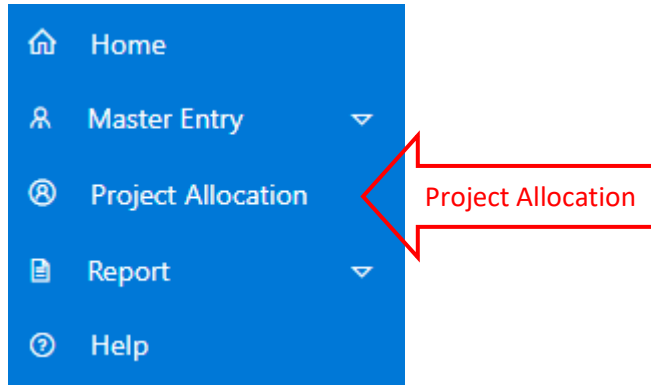
User Manual

Resource	Resource Man...	PTO Type	Start Date	End Date	Number of Days	Remarks	Status	Created Date	Created By
Paul Kieu	Vipul Suri	PTO	05/04/2023	05/26/2023	17	Privilege	Active	05/31/2023	Test Admin
Leslie Kiheri	Vipul Suri	PTO	05/05/2023	05/11/2023	5	Casual	Active	05/31/2023	Test Admin
Sreedevi Akula	Sivaruban Vinesp...	PTO	05/02/2023	05/03/2023	2	Sick Leave	Active	05/31/2023	Test Admin
Uday Kumar Kees...	Ashish Khare	PTO	05/04/2023	05/05/2023	2	NA	Active	05/31/2023	Test Admin

Updated PTO

Project Allocation

This screen provides capability to see and manage resources' allocated hours and other project related details. Whenever a resource is aligned to a project then an admin can allocate the project by providing the resource name, project name, start date, end date and the percentage of the allocation for the project. And based on resource name and selected dates PTOs and other fields would be calculated and auto populated.



To access the Project Allocation Screen, admin must click on the Project Allocation button from the sidebar and then admin gets navigated to the following screen

Project Allocation + Allocate New Project

Resource: Select, Resource Type: Select, Role: Select, Supervisor: Select, Location: Select, Resource Market: Select, Status: Active X, Clear Filters, More Filters

Columns Download

Resource	Resource Type	Role	Supervisor	Location	Resource Market
> Ajay Singh	OGS	Developer	Ashish Khare	India	HCP
> Akshay Madan	GTM	Developer	Vipul Suri	US	HCP
> Alexander Rozenbaum	GTM	Developer	Vipul Suri	US	HCP
> Amarendra Bojja	GTM	QA	Sivaruban Vinesparamoorthy	US	HCP
> Amit Singh Chauhan	OGS	Developer	Ashish Khare	India	HCP
> Anand Pachipala	OGS	Developer	Ashish Khare	India	HCP
> Anant Toshniwal	OGS	Developer	Ashish Khare	India	HCP
> Andrey Zagaynov	GTM	Developer	Vipul Suri	US	HCP
> Anindita Talukdar	OGS	Developer	Ashish Khare	India	HCP

On this screen details like resource, resource type, role, supervisor, location, market can be seen by the admin. Once a row is clicked, it would expand and open all the projects that a resource is aligned to. As it is visible in following screen

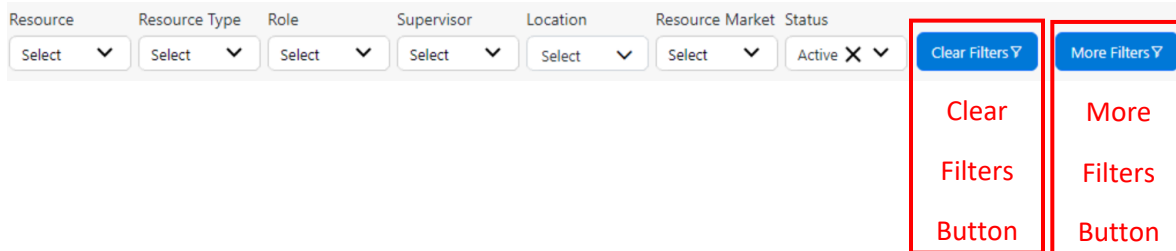
▼	Alexander Rozenbaum	GTM	Developer	Vipul Suri	US	HCP				
Project Name ▲		Project Code	Project Market	Project Manager	Expense Type					
▼	GitHub	33333	HCP		CAPEX					
Start Date ▼	End Date	Project Role	PTO Days	Holidays	Allocation(H...	Allocation P...	Status	Created Date	Created By	Updated Date
05/01/2023	05/31/2023	Developer	0	1	84	50	Active	05/01/2023	Test Admin	
04/01/2023	04/30/2023	Developer	0	0	84	50	Active	04/01/2023	Test Admin	
03/01/2023	03/31/2023	Developer	0	0	92	50	Active	07/11/2023	Test Admin	

Allocated Projects

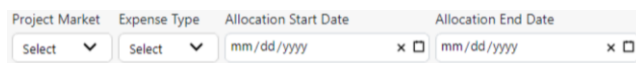
User Manual

And now once a project is clicked, all allocations corresponding to a particular resource and project opens and to modify the details related to an allocation admin has to double click on allocation that he must edit.

Here we also have search functionality using it we can search on the basis of different fields. Apart from search we also have filters and clear filter functionality. We can filter allocated projects on the basis of market, location, sublocation and their status of activeness.



We can cancel all the applied filters using the clear filter button and more filters button exposes some more filters as shown below.



Download Selected Columns



We have a column dropdown on this screen that has already selected selection fields for the columns that are visible on the screen but we can filter the columns that we want to download. But, if we don't filter the columns then already selected columns would be exported.

Steps for allocating a project

Step 1: Admin clicks on the “+ Allocate New Project” button available on the top right corner of the Project Allocation screen,



then following form opens-up with required fields.

Step 2: Admin fills in the required field of the form and submits it.

User Manual

Allocate New Project

Resource*
Anant Toshniwal

Resource Type
OGS

Role
Developer

Supervisor
Ashish Khare

Location
India

Resource Market
HCP

Project*
KLO CapRev

Resource Type 1
OGS

Project Market
HCP

PPSID
PRJ0010012

Expense Type
OPEX

Allocation Start Date*
04/01/2023

Allocation End Date*
04/30/2023

Holidays
0

PTO Days
0

Allocation(Percentage)*
100

Allocation Hours Per Day
8.5

Allocation(Hours)
168

Reset Allocate

Required details for allocating a new Project

After successful addition admin gets alert and the resource on a new project and date can be seen on the project allocation screen as in the following screen.

▼	Anant Toshniwal	OGS	Developer	Ashish Khare	India	HCP				
Project Name ▲							Project Code	Project Market	Project Manager	Expense Type
➤	KLO Application Support		PRJ0010012		HCP		Leslie Kiheri		OPEX	
▼	KLO CapRev		PRJ0010012		HCP				OPEX	
Start Date ▼	End Date	Project Role	PTO Days	Holidays ▼	Allocation(H...	Allocation P...	Status	Created Date	Created By	Updated Date
09/01/2023	09/30/2023	Developer	0	1	179	100	Active	07/11/2023	Test Admin	
08/01/2023	08/31/2023	Developer	0	1	187	100	Active	07/11/2023	Test Admin	
07/01/2023	07/31/2023	Developer	0	0	179	100	Active	07/11/2023	Test Admin	
06/01/2023	06/30/2023	Developer	0	1	179	100	Active	07/11/2023	Test Admin	
05/01/2023	05/31/2023	Developer	0	0	168	100	Active	05/01/2023	Test Admin	
04/01/2023	04/30/2023	Developer	0				Active	04/01/2023	Test Admin	

Newly Allocated Project

Steps for updating an allocation

Step 1: Admin clicks on the resource for whom allocation is to be edited and then following form opens-up

Step 2: Admin fills in the required field of the form and submits it.

User Manual

Update Allocation

Resource*

Anuj Khanna

Resource Type

GTM

Role

Developer

Supervisor

Vipul Suri

Location

India

Resource Market

HCP

Project*

CURO Medical Management Imple...

Project Role*

Developer

Project Market

HCP

PPSID

PRJ0010052

Expense Type

CAPEX

Allocation Start Date*

12/01/2022

Allocation End Date*

12/31/2022

PTO Days

0

Holidays

0

Allocation(Hours) Allocated : 100*

20

Allocation Hours Per Day

8

Allocation(Hours)*

35.2

Status

Active

Delete

Update

Required details for an allocation

After successful update, admin gets alert and the resource on an updated project and date can be seen on the project allocation screen as in the following screen.

▼	Anuj Khanna	GTM	Developer	Vipul Suri	India	HCP				
Project Name ▲		Project Code		Project Market		Project Manager		Expense Type		
▼	CURO Medical Management Imple...			PRJ0010052		HCP		Rajani Malik		CAPEX
Start Date ▼	End Date	Project Role	PTO Days	Holidays	Allocation(H...	Allocation P...	Status	Created Date	Created By	Updated Date
04/01/2023	04/30/2023	Developer	10	0	8	10	Active	04/01/2023	Test Admin	06/01/2023
03/01/2023	03/31/2023	Developer	0	1	18	10	Active	07/12/2023	Leslie Kiheri	
02/01/2023	02/28/2023	Developer	0	0	16	10	Active	07/12/2023	Leslie Kiheri	
01/01/2023	01/31/2023	Developer	0	1	17	10	Active	01/27/2023	Test Admin	01/27/2023
12/01/2022	12/31/2022	Developer	0	0			Active	01/27/2023	Test Admin	07/14/2023

Updated Project

Updated Project

Allocation (Percentage)

Allocation(Percentage)

Allocated : 200* Allocated percentage

100

We have this control that indicates the percentage of allocation hours that have already been allocated for some other project for the selected resource for the corresponding time span. If we have selected a time span that contains on one month that has been already allocated to a project for a particular resource, then it would reflect the sum of the percentage allocations for the already allocated month. And the allocated hours will appear only if we change any of these three fields namely resource, start sate and end date.

Allocation Hours Per Day

Allocation Hours Per Day	Hours for that a
8.5	Resource can be allocated

We also have allocation hours per day that indicates the hours per day a resource can be allocated for any project, and it is based on the resource and its type.

Allocation Hours Calculation

Allocation(Hours)*	Allocation hours
98	

When we select resource, resource type, start date, end date and allocation percentage then we get an auto populated field allocation hours and allocation hours is being calculated according to following formula

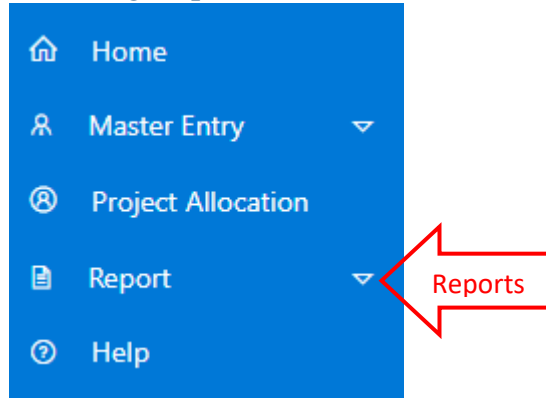
$$\text{Allocation hours} = \text{total working days} * \text{allocation hours per day} * \text{allocation percentage}$$

Where, total working days is the number of days in the selected time span except the number of PTOs, Saturdays, Sundays, and holidays.

Reports

This collection of dropdowns provides capability to generate reports based on different set of data available on the database.

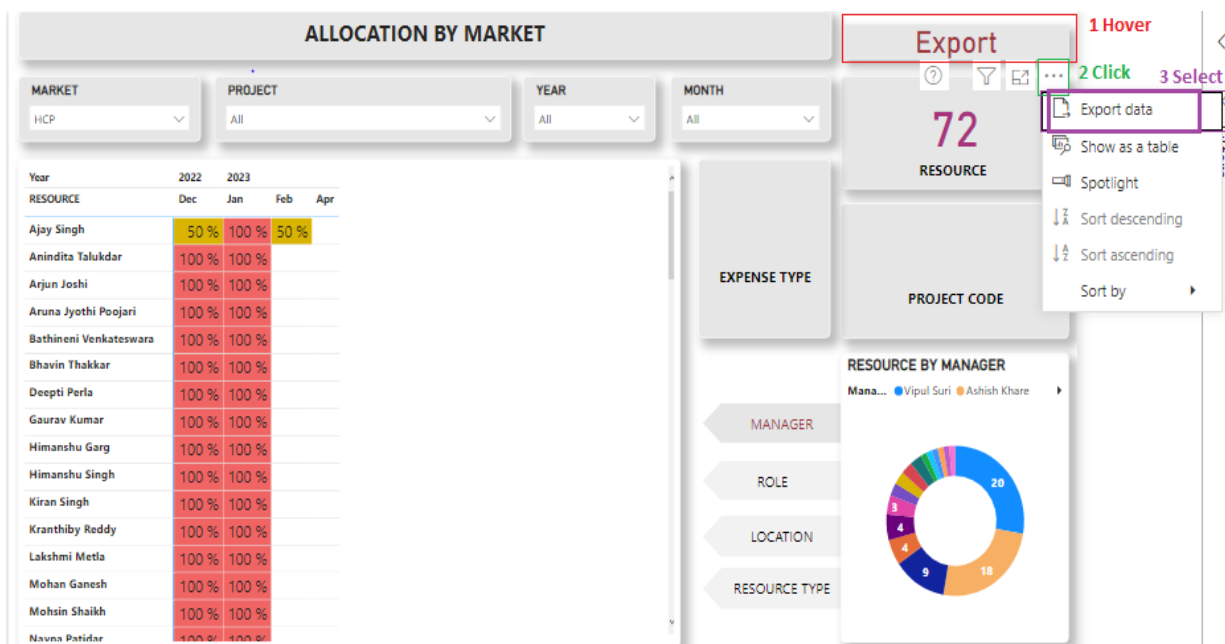
Accessing Reports Screen



To access this set of screens admin/user must select a dropdown from the Report tab of the left sidebar, and it navigates the admin/user to screen with respective report.

Allocation By Market

This Report gives details related to Market like number of projects under each market and resources under each project and shows Allocation Percentage for each resource under a particular project in each market. Initially it will show Allocation Percentage for all resources in a particular market unless a particular project selected and it is provided with dropdowns for selecting year and months to filter the report according to year and month.



User Manual

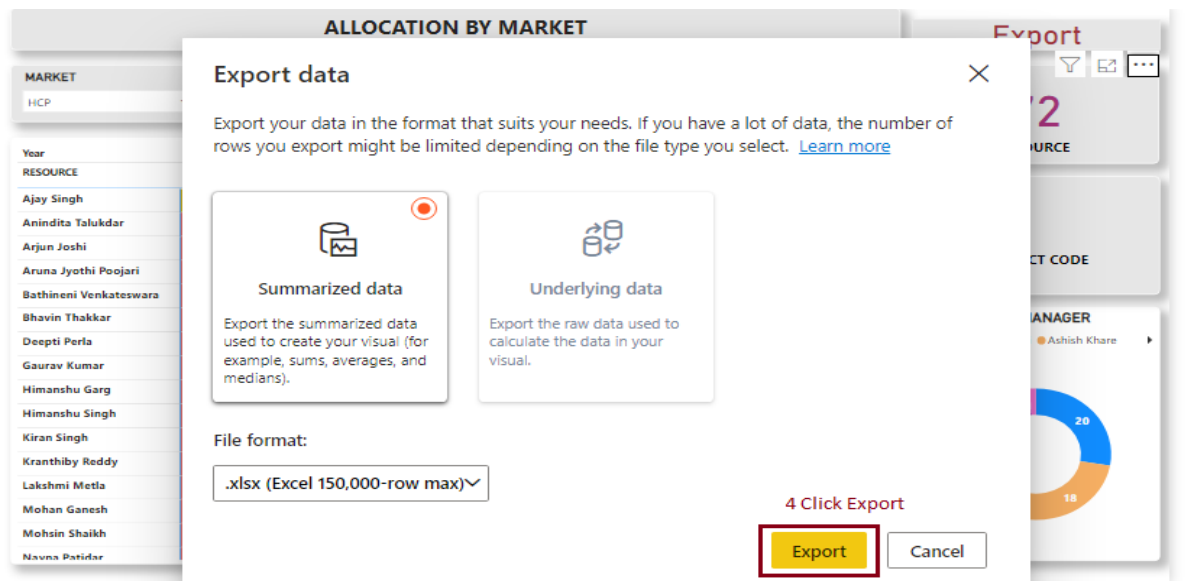
Export Report - To export the data to excel one must follow 4 steps

Step 1: Hover over the “Export visual”

Step 2: Click on more options represented with 3 dots (...)

Step 3: Select “Export data”

Step 4: A new visual box will appear and just click “Export” button. The excel file will be downloaded to your system.

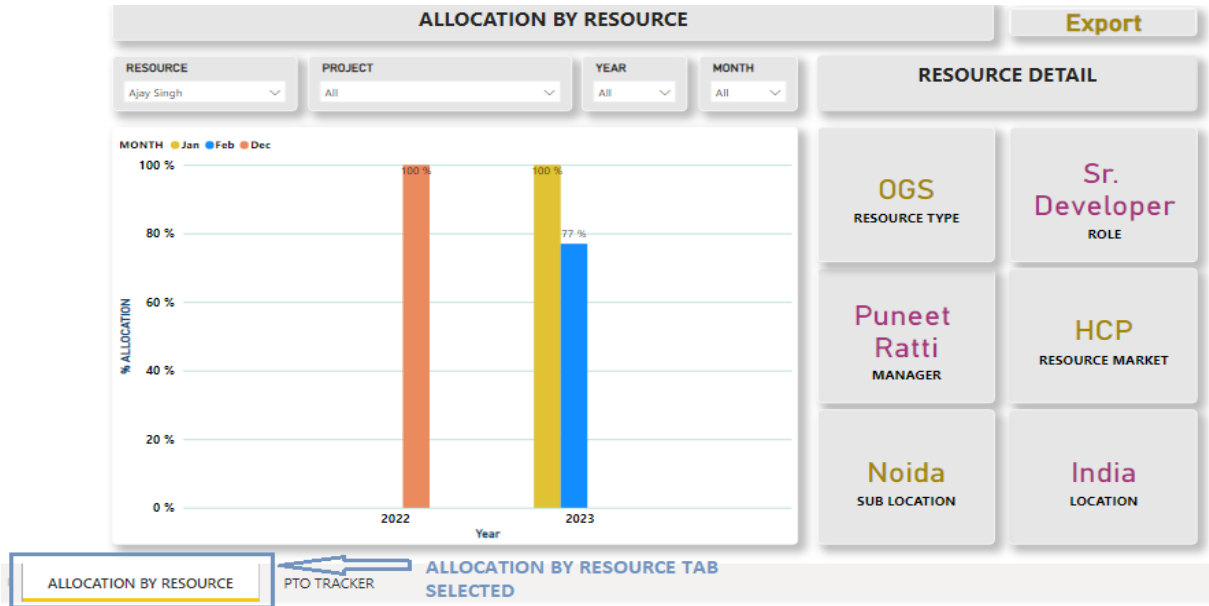


Allocation By Resource & PTO Tracker

This Report contains 2 tabs which is present at the bottom of the report. One contains the Allocation By Resource and other one contains the PTO details for all the resources.

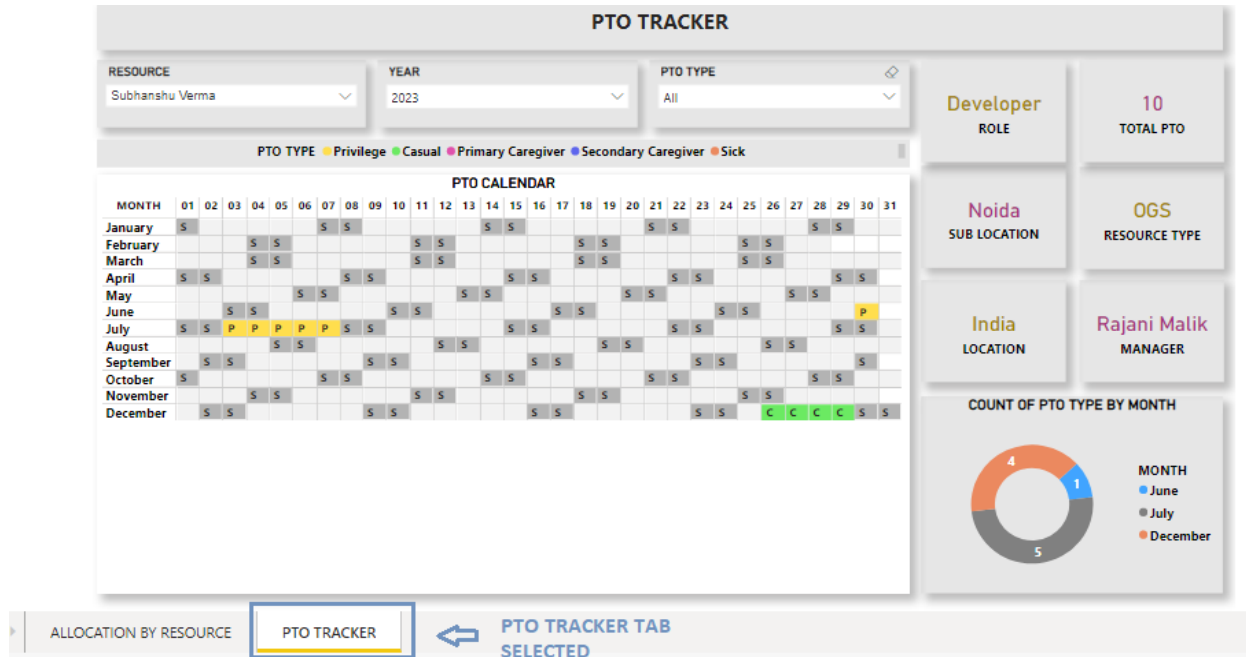
Allocation By Resource Tab gives the details of resources and their Allocation Percentages in various Projects and can select the year and months to filter the report for that provided with dropdowns for year and months. Apart from that it gives other details such as Resource Type, Role, Manager, Program Manager for a particular project and sublocation and location associated with resource. The Export functionality for downloading excel file is also provided in this report as well. The steps are like Allocation by Market.

User Manual



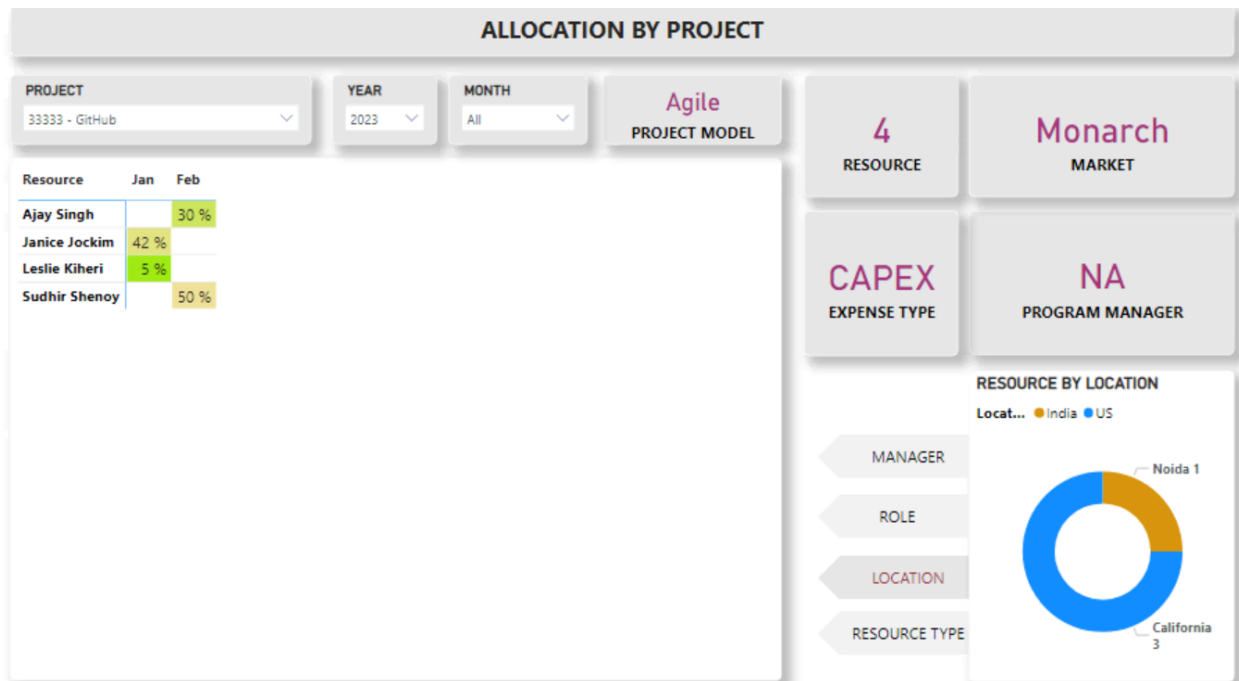
PTO Tracker Tab contains the three dropdowns namely the Resource, Year and PTO Type. On the right-hand side of the report, there is detail related to the resource and the Total PTO card for displaying the total PTO taken in this year by a particular resource. At the bottom right corner, there is one visual for counting PTO Type by month which will tell what the months in which PTO are taken and what is the PTO Type for that. At the bottom left corner, the PTO Calendar is there. Months are on the row side and the days of month are on the column side. The PTO are represented with different colors depending upon the PTO Type. At the top of PTO Calendar, the notation of PTO Type with different colors are shown. Also, the PTO Types are represented in abbreviated form in the PTO Calendar. Casual leave is represented with 'C', Privilege leave is represented with 'P', Sick leave is represented with 'SL', Primary Caregiver is represented with 'PC' and Secondary Caregiver is represented with 'SC'.

User Manual



Allocation By Project

This Report gives details related to Projects, Resources included in a particular project and its Allocation Percentage within each project. It gives other details such as Project model, Expense Type, Market associated with it. The report is provided with dropdown for year and months to filter the report based on year and months.



User Manual

Holiday List

This Report gives details related to holiday for current year for each market and for each location and sub location. The filter dropdown for market, location and sublocation is provided in left pane and the Holiday List is shown on the right pane of the report.

HOLIDAY LIST				
MARKET All	OCCASION	Day	Month	Year
	Republic Day	26	January	2023
	Holi	8	March	2023
	Good Friday	7	April	2023
	May Day	1	May	2023
	Telangana Formation Day	2	June	2023
	Id-ul-Juha (Bakrid)	29	June	2023
	Independence Day	15	August	2023
	Janmashtami / Krishna Jayanthi	9	September	2023
	Ganesh Chaturthi/ Vinayakar Chathurthi	19	September	2023
	Mahatma Gandhi Jayanti	2	October	2023
	Dussehra/Vijayadashami	24	October	2023
	Karnataka / Haryana Formation Days	1	November	2023
	Guru Nanak Birthday	27	November	2023
	Christmas	25	December	2023

Filters

Search

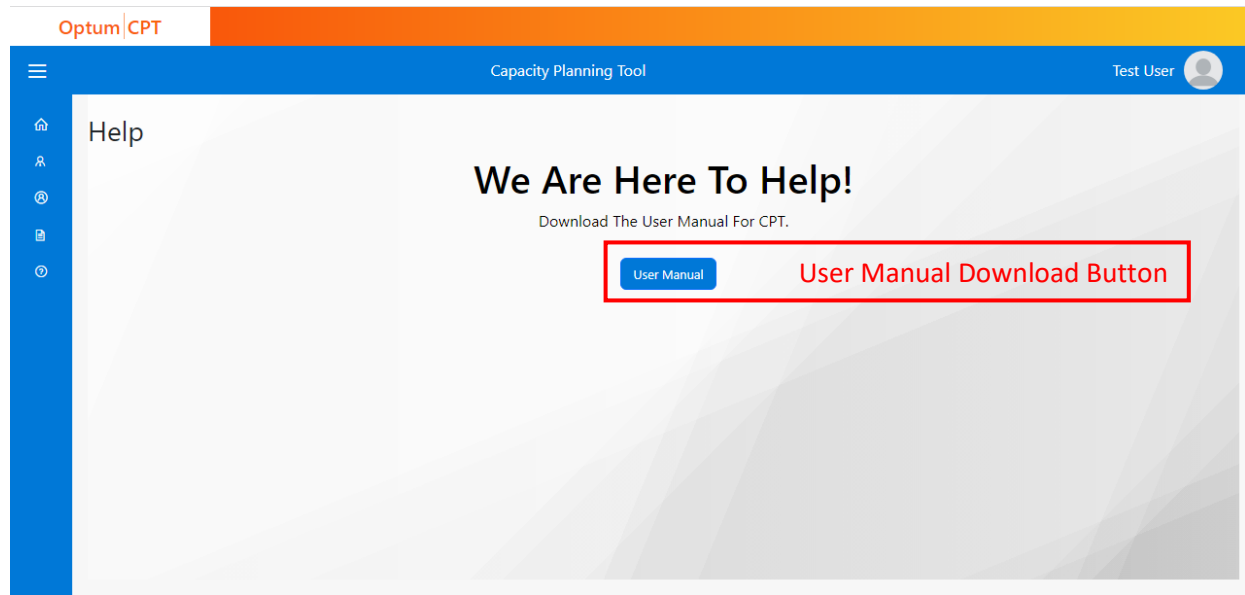
Filters on this page

HolidayDate - Year is (All)

User Manual

Help

Users can download User Manual by click the highlighted button



Logout

User can logout after clicking the Logout button which is accessible after clicking the user icon on the top right corner.

