

TRACKING GROUP

What is Tracking

To create customized and third-party reports in Business Automation Workflow, you identify the data to track and send that data to the Performance Data Warehouse.

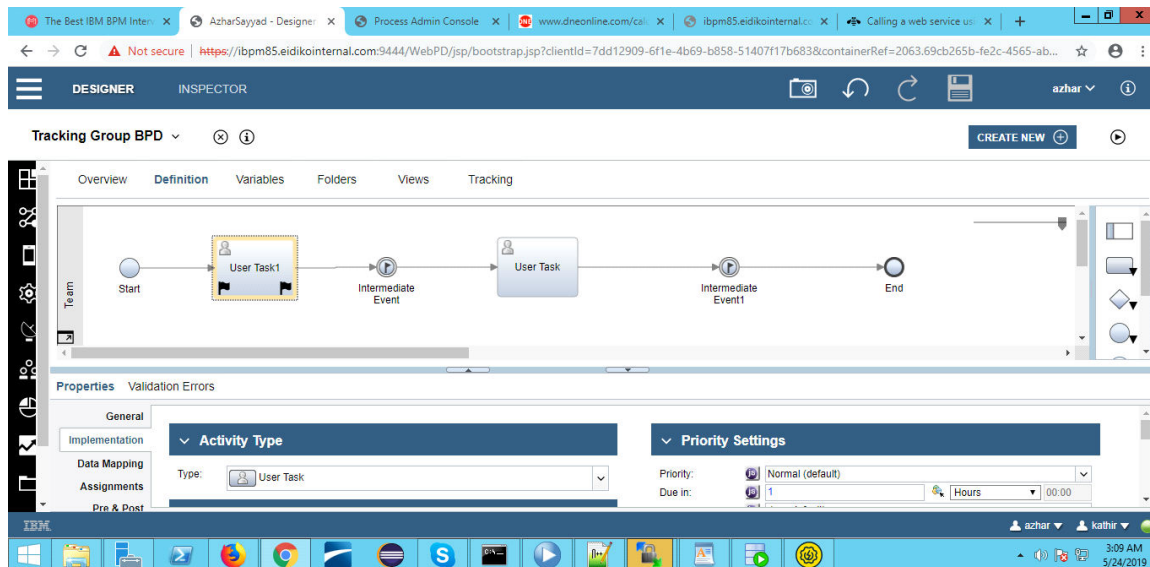
To track data in a process, use autotracking, tracking groups, or both.

- Autotracking automatically captures data from tracking points at the entry and exit of each item in a process (for example, services, activities, and gateways). To enable autotracking, make sure that Enable Autotracking is selected under the Tracking tab of the process. (By default, the checkbox is not selected, which is better for performance.) Your system administrator can change this default.
- Tracking groups provide more control over tracked data. For example, use tracking groups track a selected group of process variables across multiple processes or process applications and to store tracking points for a timing interval. To enable tracking groups, make sure that Enable Tracking is selected under the Overview tab of the process. (By default, the checkbox is selected.) Your system administrator can change this default. Note that the Enable Tracking setting does not apply to services with tracking points. Tracking data is always enabled when services contain tracking points.

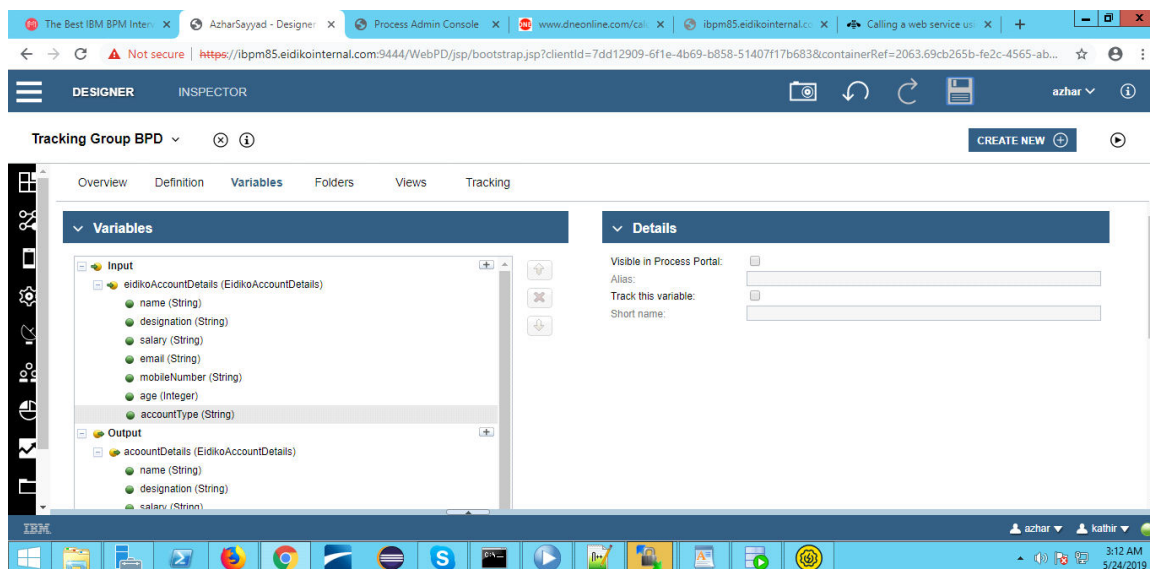
Note: use web pd to develop process application.

Step 1 :

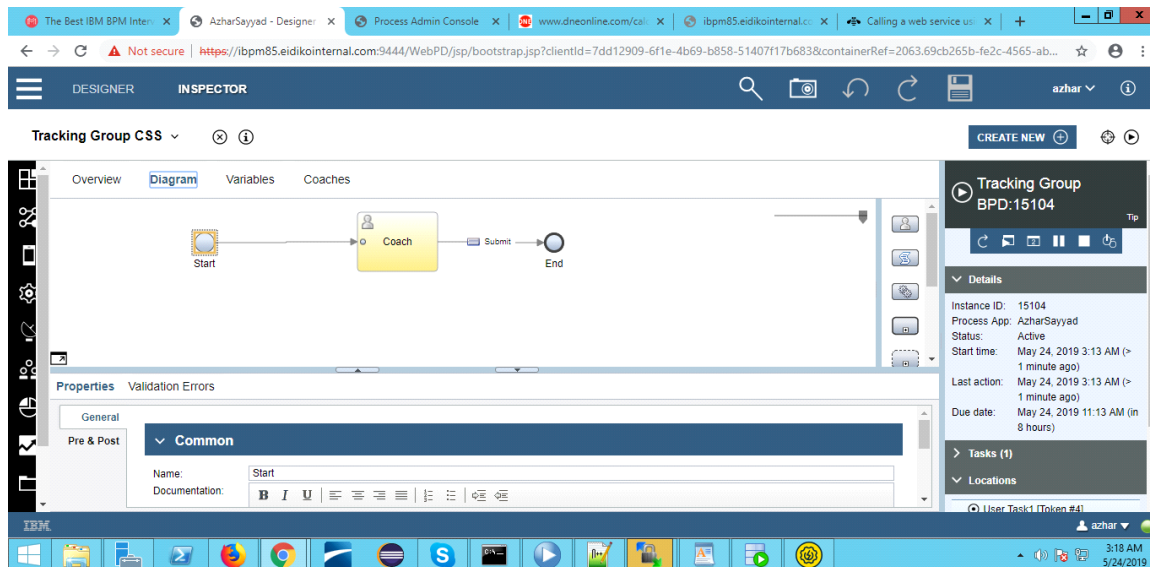
- create a process give name as Tracking Group BPD.
- drag and drop an activity and intermediate event and attach the sequence as shown in diagram



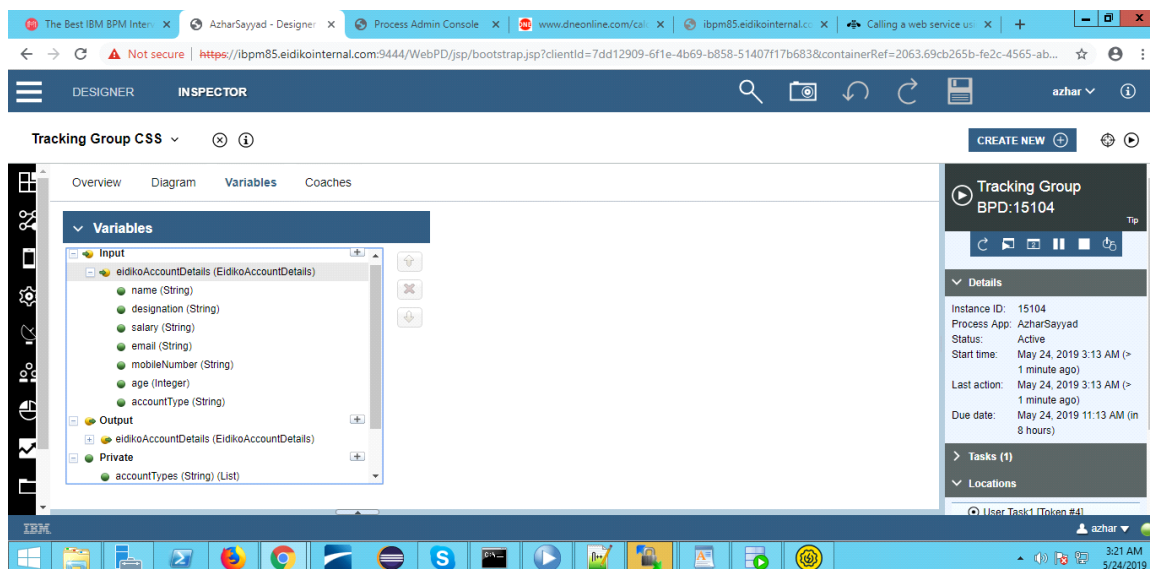
- define the variables



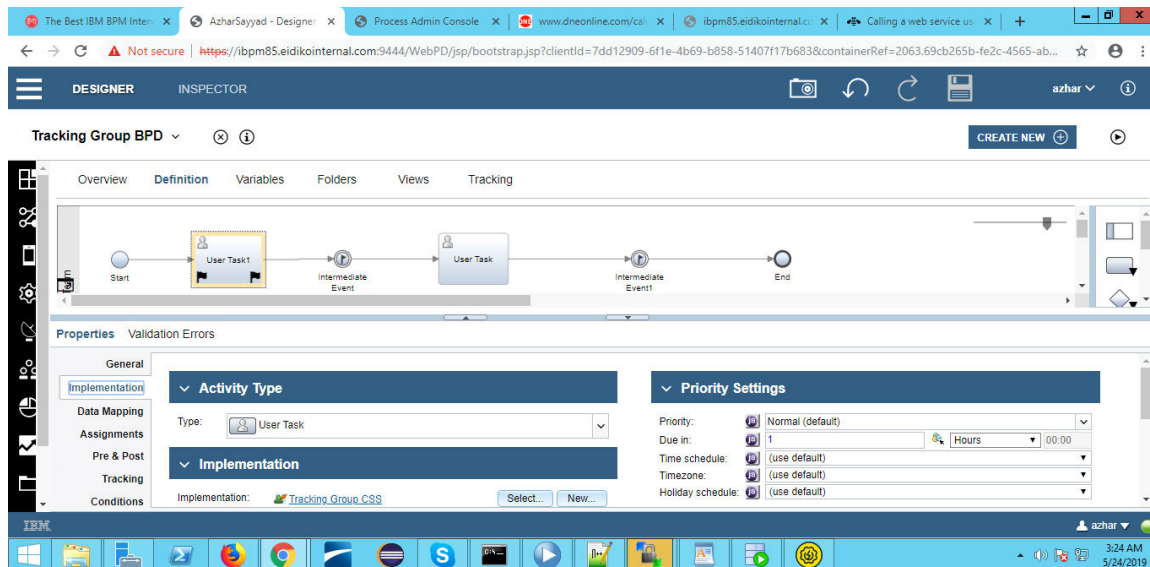
- create client side human service give name as Tracking Group CSS



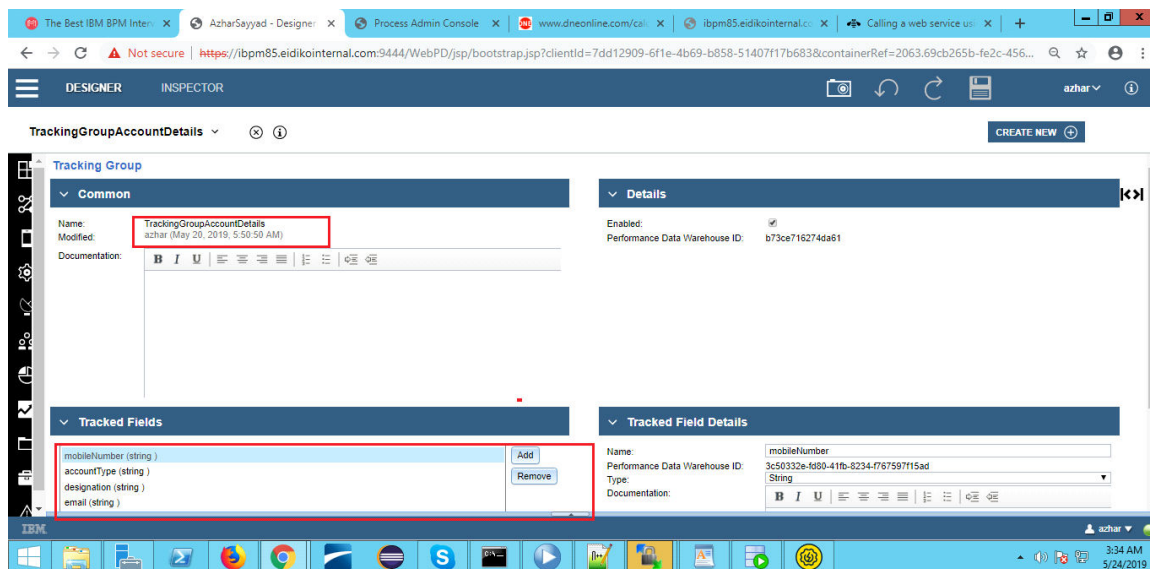
- define the variables



- attach the Tracking Group CSS to both the activity as shown below



- to track a data first we have to create a tracking group .
- Create a tracking group by clicking the plus sign next to the Performance category in the library and selecting Tracking Group from the list of components. Name the new tracking group TrackingGroupAccountDetails.
- To track the necessary process variables, add the following tracked fields as shown



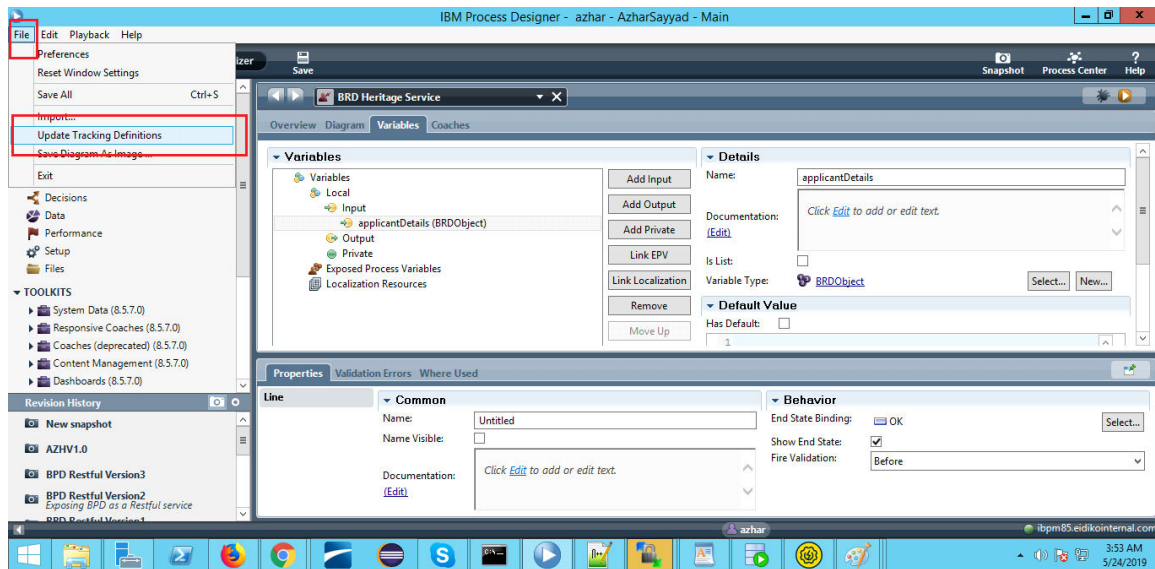
- now i want to track the data before the activity and after the activity .we can do by using an intermediate event and an activity having an option Tracking (pre tracking and post tracking)
- **by using an activity**

The screenshot shows the IBM BPM Designer interface. The process flow is visible at the top, with a 'User Task' highlighted. The 'Properties' panel on the right is open, showing the 'Pre Tracking Point' configuration. The 'Tracking' tab is selected, and the 'Tracking group' is set to 'TrackingGroupAccountDetails'. The 'Sort tracked fields by' section lists several fields: 'tw.local.eidikoAccountDetails.mobileNumber', 'tw.local.eidikoAccountDetails.accountType', 'tw.local.eidikoAccountDetails.designation', 'tw.local.eidikoAccountDetails.email', and 'tw.local.eidikoAccountDetails.age'. Each field has a corresponding data type (string or number) and a 'New...' button next to it.

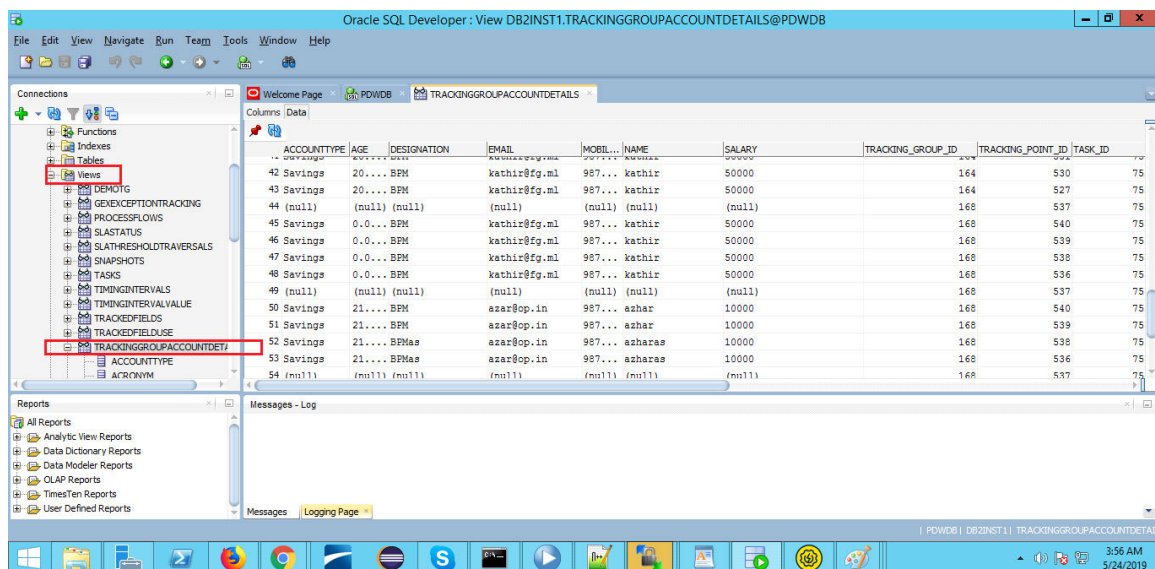
- for post tracking also u have to do same.
- by using an intermediate event

The screenshot shows the IBM BPM Designer interface. The process flow is visible at the top, with an 'Intermediate Event' highlighted. The 'Properties' panel on the right is open, showing the 'Intermediate Event Type' configuration. The 'Tracking' tab is selected, and the 'Tracking group' is set to 'TrackingGroupAccountDetails'. The 'Sort tracked fields by' section lists several fields: 'tw.local.accountDetails.mobileNumber', 'tw.local.accountDetails.accountType', 'tw.local.accountDetails.designation', and 'tw.local.accountDetails.email'. Each field has a corresponding data type (string or number) and a 'New...' button next to it.

- do same thing for another intermediate event.
- after that you have to enable update tracking defination.



- after run the process it will track the data and store in PDWDB.



NOTE:

There are some limitations you must keep in mind if you consider changing your tracking requirements :

- It is not possible to rename a tracking group.
- It is not possible to rename a tracked field.
- It is not possible to have several tracking groups with the same name.
- It is not possible to have several tracked fields with the same name but with different types in different tracking groups, either in the same process or in different processes or toolkits.

