UTL Logic Updates - Comprehensive Report Requirements

Total_Hours

- 9 Hrs default for offshore **(India)** resources
- 8 Hrs for rest of the location such as US, Canada & LATAM
- We are excluding holidays applicable for the respective location, weekends (Saturday & Sunday), for days and weekend details we have a separate table and for the holiday details we have a separate table for each locations
- **Calculation - # of working days * respective location Hrs** i.e. for US August Total Hours = 19*8=152

Until Mid Q3'2024, for a resource if there is multiple allocation in same or different accounts the FTE accounted was complete 1 FTE for each allocation. We implemented the weighted average logic to rectify this gap in the UTL dashboard.

Example:

Resource Name	Project	Actual TS	Loc Avl Hrs	Total FTE	Avl Hrs	Billed Hrs	Proj UTL
Mukesh Agrawal	1	40	176	0.23392	41.16959	40	0.971591
Mukesh Agrawal	2	43	176	0.25146	44.25731	43	0.971591
Mukesh Agrawal	3	44	176	0.25731	45.28655	44	0.971591
Mukesh Agrawal	4	44	176	0.25731	45.28655	44	0.971591

Mukesh Agrawal	Total	171	176	1.00000	176	171	0.971591

Additional Logic:

- Coming from a mapping sheet shared by JayaLaxmi
- Total Hours = No. of Working Days × Hours
- Hours Definition:
    - Offshore: 9 hours/day
    - Onshore: 8 hours/day
- Allocation Across Multiple Projects: When an employee is allocated to multiple projects, Total Hours are distributed based on the ratio of Submitted Hours for each project
- Any difference between the total of distributed hours and No. of Working Days × Hours is adjusted proportionally

Submitted_hours

- Timesheet hours submitted by the resource

- The user will submit the hours in different forms: Consultant_hours(ST) or Approved_hours(ST), Consultant_hours(OT) or Approved_hours(OT), Consultant_hours(DT) or Approved_hours(DT), and Approved_hours(Sick_Time). These are the column names.

Approved_hours

- Timesheet hours approved by the Manager (Project Mgr, Client or Approver)
- The approved hours column names are Approved_hours(Non_ST), Approved_hours(Non_OT), Approved_hours(Non_DT) and Approved_hours(Non_Sick_Time)

TOTAL FTE

Total FTE = Submitted Hours / Total Hours

BILLED FTE

Billed FTE = Approved TS hours / Total Hours

If Approved Hrs is unavailable, then should consider submitted Hrs for those entries.

FTE\Consultant

Source for the categorization of FTE\Consultant is Workflow.

WHEN Process_name LIKE '%office%' AND HR_Subtier_Company = 'Ascendion Engineering Private Limited' THEN 'FTE'

WHEN Process_name LIKE '%office%' AND HR_Subtier_Company = 'Ascendion Engineering Solutions Mexico' THEN 'FTE'

WHEN Process_name LIKE '%office%' AND ISNULL(HR_Subtier_Company, '') = '' THEN 'FTE'

WHEN Process_name LIKE '%Contractor%' AND ISNULL(HR_Subtier_Company, '') NOT IN ('Collabera Technologies Pvt. Ltd.','Collaborate Solutions, Inc','Ascendion Engineering Private Limited','Ascendion Engineering Solutions Mexico','Ascendion Canada Inc.','Ascendion Engineering Solutions Europe Limited','Ascendion Digital Solution Pvt. Ltd') THEN 'Consultant'

ELSE 'Consultant' END

Circle_new -- Source for this column is connection file 392.

India Billing Matrix

- If ITSS project name contains "India-Billing" & "Pipeline" in the nomenclature and Billing_Type is NBL then Category should be **"India Billing - Client-NBL"** with Status marked as "**Unbilled**"
- If Client name contains "India-Billing" and Billing_Type is Billable then category should be "**India Billing - Billable**" with Status marked as "**Billed**"
- If Client name contains "India-Billing" and Billing_Type is NBL then category should be "**India Billing - Project NBL**" with Status marked as "**Unbilled**"

Client Project Matrix excluding India Billing

- If Client name **doesn't** contain "India-Billing" & ITSS project name contains "Pipeline" in the nomenclature and Billing_Type is NBL then Category should be "**Client-NBL**" with Status marked as "**Unbilled**"
- If Client name **doesn't** contain "India-Billing" & ITSS project name **doesn't** contain "Pipeline" and Billing_Type is NBL then Category should be "**Project-NBL**" with Status marked as "**Unbilled**"
- If Client name **doesn't** contain "India-Billing" & ITSS project name **doesn't** contain "Pipeline" and Billing_Type is Billable then Category should be "**Billable**" with Status marked as "**Billed**"
- If Client name **doesn't** contain "India-Billing" & ITSS project name **doesn't** contain "Pipeline" and Billing_Type is "Blank" then check if "Actual Hrs." has value, then Category should be "**Billable**" with Status marked as "**Billed**" else Category should be "**Project-NBL**" with Status marked as "**Unbilled**"

SGA

Resources as part of the approved SGA hence update the category & status for those candidates accordingly. ELT marker along with the GCI's given in a separate tab for easy reference, do include in the base.

Included Portfolio lead column in base so that we can filter in the power BI dashboard.

Bench & AVA Matrix

ITSSProjectName	Category	Status
AVA_Architecture, Development & Testing Project	AVA	AVA
CapEx - GenAI Project	AVA	AVA
CapEx - Web3.0+Gaming 2 (Gaming/Metaverse)	AVA	AVA
Capex - Data Assets	AVA	AVA
AVA_Support, Management & Planning Project	AVA	AVA

Dummy Project - TIQE Bench Project	AVA	AVA
ASC-ELT Program-2024	ELT Project	Bench
CES - ELT's Program	ELT Project	Bench
Dummy Project - Managed Services Hiring	Bench	Bench
GenAI Capability Project - ITSS Collabera	Bench	Bench
Gaming/Metaverse CapEx Project Bench	Bench	Bench

Column-Level Logic by Table

Table: Timesheet_New

Column name : YYMM

Logic:

```
(DATEPART(yyyy, convert(datetime,convert(varchar,c_date,101))) * 100 +
DATEPART(MONTH, convert(datetime,convert(varchar,c_date,101))))
```

Table: report_392_all

Column name : Billing Type

Definition : Billable/Non-Billable

Logic:

CASE WHEN a.[client code] IN ('IT010','IT008','CE035','CO120') THEN 'NBL'

WHEN a.ITSSProjectName like '% - pipeline%' THEN 'NBL'

WHEN a.Net_Bill_Rate <= 0.1 THEN 'NBL'

WHEN a.[HWF_Process_name] = 'JUMP Hourly Trainee Onboarding' THEN 'NBL'

ELSE 'Billable'

END

Column name : Category

Logic:

Case

--India Billing Matrix

when LTRIM(RTRIM(ITSSProjectName)) like 'India Billing%Pipeline%'

and Billig_Type = 'NBL'

and LTRIM(RTRIM(ITSSProjectName)) not in ('AVA _Architecture, Development & Testing Project',

'CapEx - GenAI Project','CapEx - Web3.0+Gaming 2 (Gaming/Metaverse)','Capex - Data Assets','AVA_Support, Management & Planning Project','Dummy Project - TIQE Bench Project',

'ASC-ELT Program-2024','CES - ELT''s Program','Dummy Project - Managed Services Hiring','GenAI Capability Project - ITSS Collabera',

'Gaming/Metaverse CapEx Project Bench','P&D Engg Leadership SGA Bench Project'

) then 'India Billing - Client-NBL'

when LTRIM(RTRIM(ITSSProjectName)) like 'India Billing%'

and LTRIM(RTRIM(ITSSProjectName)) NOT like '%Pipeline%'

and Billig_Type = 'Billable'

and LTRIM(RTRIM(ITSSProjectName)) not in ('AVA _Architecture, Development & Testing Project',

'CapEx - GenAI Project','CapEx - Web3.0+Gaming 2 (Gaming/Metaverse)','Capex - Data Assets','AVA_Support, Management & Planning Project','Dummy Project - TIQE Bench Project',

'ASC-ELT Program-2024','CES - ELT''s Program','Dummy Project - Managed Services Hiring','GenAI Capability Project - ITSS Collabera',

'Gaming/Metaverse CapEx Project Bench','P&D Engg Leadership SGA Bench Project'

) then 'India Billing - Billable'

when LTRIM(RTRIM(ITSSProjectName)) like 'India Billing%'

and LTRIM(RTRIM(ITSSProjectName)) NOT like '%Pipeline%'

and Billig_Type = 'NBL'

and LTRIM(RTRIM(ITSSProjectName)) not in ('AVA _Architecture, Development & Testing Project',

'CapEx - GenAI Project','CapEx - Web3.0+Gaming 2 (Gaming/Metaverse)','Capex - Data Assets','AVA_Support, Management & Planning Project','Dummy Project - TIQE Bench Project',

'ASC-ELT Program-2024','CES - ELT''s Program','Dummy Project - Managed Services Hiring','GenAI Capability Project - ITSS Collabera',

'Gaming/Metaverse CapEx Project Bench','P&D Engg Leadership SGA Bench Project'

) then 'India Billing – Project NBL'

--Client Project Matrix excluding India Billing

when LTRIM(RTRIM(ITSSProjectName)) not like 'India Billing%'

and LTRIM(RTRIM(ITSSProjectName)) like '%Pipeline%'

and Billig_Type = 'NBL'

and LTRIM(RTRIM(ITSSProjectName)) not in ('AVA _Architecture, Development & Testing Project',

'CapEx - GenAI Project','CapEx - Web3.0+Gaming 2 (Gaming/Metaverse)','Capex - Data Assets','AVA_Support, Management & Planning Project','Dummy Project - TIQE Bench Project',

'ASC-ELT Program-2024','CES - ELT''s Program','Dummy Project - Managed Services Hiring','GenAI Capability Project - ITSS Collabera',

'Gaming/Metaverse CapEx Project Bench','P&D Engg Leadership SGA Bench Project'

)

then 'Client-NBL'

when LTRIM(RTRIM(ITSSProjectName)) not like 'India Billing%'

and LTRIM(RTRIM(ITSSProjectName)) Not like '%Pipeline%'

and Billig_Type = 'NBL'

and LTRIM(RTRIM(ITSSProjectName)) not in ('AVA _Architecture, Development & Testing Project',

'CapEx - GenAI Project','CapEx - Web3.0+Gaming 2 (Gaming/Metaverse)','Capex - Data Assets','AVA_Support, Management & Planning Project','Dummy Project - TIQE Bench Project',

'ASC-ELT Program-2024','CES - ELT''s Program','Dummy Project - Managed Services Hiring','GenAI Capability Project - ITSS Collabera',

'Gaming/Metaverse CapEx Project Bench','P&D Engg Leadership SGA Bench Project'

)

then 'Project-NBL'

when LTRIM(RTRIM(ITSSProjectName)) not like 'India Billing%' and LTRIM(RTRIM(ITSSProjectName)) Not like '%Pipeline%' and Billig_Type = 'Billable'

and LTRIM(RTRIM(ITSSProjectName)) not in ('AVA _Architecture, Development & Testing Project',

'CapEx - GenAI Project','CapEx - Web3.0+Gaming 2 (Gaming/Metaverse)','Capex - Data Assets','AVA_Support, Management & Planning Project','Dummy Project - TIQE Bench Project',

'ASC-ELT Program-2024','CES - ELT''s Program','Dummy Project - Managed Services Hiring','GenAI Capability Project - ITSS Collabera',

'Gaming/Metaverse CapEx Project Bench','P&D Engg Leadership SGA Bench Project'

)

then 'Billable'

when LTRIM(RTRIM(ITSSProjectName)) not like 'India Billing%' and LTRIM(RTRIM(ITSSProjectName)) Not like '%Pipeline%' and ISNULL(Billig_Type,'') = ''

and LTRIM(RTRIM(ITSSProjectName)) not in ('AVA _Architecture, Development & Testing Project',

'CapEx - GenAI Project','CapEx - Web3.0+Gaming 2 (Gaming/Metaverse)','Capex - Data Assets','AVA_Support, Management & Planning Project','Dummy Project - TIQE Bench Project',

'ASC-ELT Program-2024','CES - ELT''s Program','Dummy Project - Managed Services Hiring','GenAI Capability Project - ITSS Collabera',

'Gaming/Metaverse CapEx Project Bench','P&D Engg Leadership SGA Bench Project'

)

and isnull(Monthly_hours,0) > 0 then 'Billable'

when LTRIM(RTRIM(ITSSProjectName)) not like 'India Billing%'

and LTRIM(RTRIM(ITSSProjectName)) Not like '%Pipeline%'

and ISNULL(Billig_Type,'') = ''

and LTRIM(RTRIM(ITSSProjectName)) not in ('AVA _Architecture, Development & Testing Project',

'CapEx - GenAI Project','CapEx - Web3.0+Gaming 2 (Gaming/Metaverse)','Capex - Data Assets','AVA_Support, Management & Planning Project','Dummy Project - TIQE Bench Project',

'ASC-ELT Program-2024','CES - ELT''s Program','Dummy Project - Managed Services Hiring','GenAI Capability Project - ITSS Collabera',

'Gaming/Metaverse CapEx Project Bench','P&D Engg Leadership SGA Bench Project'

)

and isnull(Monthly_hours,0) < 0 then 'Project-NBL'

--Bench & Ava Matrix

when LTRIM(RTRIM(ITSSProjectName)) in (

'AVA _Architecture, Development & Testing Project','CapEx - GenAI Project','CapEx - Web3.0+Gaming 2 (Gaming/Metaverse)',

'Capex - Data Assets','AVA_Support, Management & Planning Project','Dummy Project - TIQE Bench Project'

) and LTRIM(RTRIM(ITSSProjectName)) not in ('P&D Engg Leadership SGA Bench Project')

then 'AVA'

when LTRIM(RTRIM(ITSSProjectName)) in ('ASC-ELT Program-2024','CES - ELT''s Program')

and LTRIM(RTRIM(ITSSProjectName)) not in ('P&D Engg Leadership SGA Bench Project')

then 'ELT Project'

when LTRIM(RTRIM(ITSSProjectName)) in ('Dummy Project - Managed Services Hiring','GenAI Capability Project - ITSS Collabera',

'Gaming/Metaverse CapEx Project Bench')

and LTRIM(RTRIM(ITSSProjectName)) not in ('P&D Engg Leadership SGA Bench Project')

then 'Bench'

--SGA

when LTRIM(RTRIM(ITSSProjectName)) in ('P&D Engg Leadership SGA Bench Project')

then 'SGA'

else 'Not-Tagged'

End

Column name : Expected_hours

Logic: Hard Coded as 8 hours for per day.

Column name : Available Hours

Logic: Monthly Hours * Total FTE

Column name : Status

Definition : Unbilled/SGA/Billed

Logic:

Case when LTRIM(RTRIM(ITSSProjectName)) like 'India Billing%Pipeline%'

and Billig_Type = 'NBL'

and LTRIM(RTRIM(ITSSProjectName)) not in ('AVA _Architecture, Development & Testing Project',

'CapEx - GenAI Project','CapEx - Web3.0+Gaming 2 (Gaming/Metaverse)','Capex - Data Assets','AVA_Support, Management & Planning Project','Dummy Project - TIQE Bench Project',

'ASC-ELT Program-2024','CES - ELT''s Program','Dummy Project - Managed Services Hiring','GenAI Capability Project - ITSS Collabera',

'Gaming/Metaverse CapEx Project Bench','P&D Engg Leadership SGA Bench Project'

)

then 'Unbilled'

when LTRIM(RTRIM(ITSSProjectName)) like 'India Billing%'

and LTRIM(RTRIM(ITSSProjectName)) NOT like '%Pipeline%'

and Billig_Type = 'Billable'

and LTRIM(RTRIM(ITSSProjectName)) not in ('AVA _Architecture, Development & Testing Project',

'CapEx - GenAI Project','CapEx - Web3.0+Gaming 2 (Gaming/Metaverse)','Capex - Data Assets','AVA_Support, Management & Planning Project','Dummy Project - TIQE Bench Project',

'ASC-ELT Program-2024','CES - ELT''s Program','Dummy Project - Managed Services Hiring','GenAI Capability Project - ITSS Collabera',

'Gaming/Metaverse CapEx Project Bench','P&D Engg Leadership SGA Bench Project'

)

then 'Billed'

when LTRIM(RTRIM(ITSSProjectName)) like 'India Billing%'

and LTRIM(RTRIM(ITSSProjectName)) NOT like '%Pipeline%'

and Billig_Type = 'NBL'

and LTRIM(RTRIM(ITSSProjectName)) not in ('AVA _Architecture, Development & Testing Project',

'CapEx - GenAI Project','CapEx - Web3.0+Gaming 2 (Gaming/Metaverse)','Capex - Data Assets','AVA_Support, Management & Planning Project','Dummy Project - TIQE Bench Project',

'ASC-ELT Program-2024','CES - ELT''s Program','Dummy Project - Managed Services Hiring','GenAI Capability Project - ITSS Collabera',

'Gaming/Metaverse CapEx Project Bench','P&D Engg Leadership SGA Bench Project'

)

then 'Unbilled'

--Client Project Matrix excluding India Billing

when LTRIM(RTRIM(ITSSProjectName)) not like 'India Billing%' and LTRIM(RTRIM(ITSSProjectName)) like '%Pipeline%' and Billig_Type = 'NBL'

and LTRIM(RTRIM(ITSSProjectName)) not in ('AVA _Architecture, Development & Testing Project',

'CapEx - GenAI Project','CapEx - Web3.0+Gaming 2 (Gaming/Metaverse)','Capex - Data Assets','AVA_Support, Management & Planning Project','Dummy Project - TIQE Bench Project',

'ASC-ELT Program-2024','CES - ELT''s Program','Dummy Project - Managed Services Hiring','GenAI Capability Project - ITSS Collabera',

'Gaming/Metaverse CapEx Project Bench','P&D Engg Leadership SGA Bench Project'

)

then 'Unbilled'

when LTRIM(RTRIM(ITSSProjectName)) not like 'India Billing%' and LTRIM(RTRIM(ITSSProjectName)) Not like '%Pipeline%' and Billig_Type = 'NBL'

and LTRIM(RTRIM(ITSSProjectName)) not in ('AVA _Architecture, Development & Testing Project',

'CapEx - GenAI Project','CapEx - Web3.0+Gaming 2 (Gaming/Metaverse)','Capex - Data Assets','AVA_Support, Management & Planning Project','Dummy Project - TIQE Bench Project',

'ASC-ELT Program-2024','CES - ELT''s Program','Dummy Project - Managed Services Hiring','GenAI Capability Project - ITSS Collabera',

'Gaming/Metaverse CapEx Project Bench','P&D Engg Leadership SGA Bench Project'

)

then 'Unbilled'

when LTRIM(RTRIM(ITSSProjectName)) not like 'India Billing%'

and LTRIM(RTRIM(ITSSProjectName)) Not like '%Pipeline%'

and Billig_Type = 'Billable'

and LTRIM(RTRIM(ITSSProjectName)) not in ('AVA _Architecture, Development & Testing Project',

'CapEx - GenAI Project','CapEx - Web3.0+Gaming 2 (Gaming/Metaverse)','Capex - Data Assets','AVA_Support, Management & Planning Project','Dummy Project - TIQE Bench Project',

'ASC-ELT Program-2024','CES - ELT''s Program','Dummy Project - Managed Services Hiring','GenAI Capability Project - ITSS Collabera',

'Gaming/Metaverse CapEx Project Bench','P&D Engg Leadership SGA Bench Project'

)

then 'Billed'

when LTRIM(RTRIM(ITSSProjectName)) not like 'India Billing%'

and LTRIM(RTRIM(ITSSProjectName)) Not like '%Pipeline%'

and ISNULL(Billig_Type,'') = ''

and LTRIM(RTRIM(ITSSProjectName)) not in ('AVA _Architecture, Development & Testing Project',

'CapEx - GenAI Project','CapEx - Web3.0+Gaming 2 (Gaming/Metaverse)','Capex - Data Assets','AVA_Support, Management & Planning Project','Dummy Project - TIQE Bench Project',

'ASC-ELT Program-2024','CES - ELT''s Program','Dummy Project - Managed Services Hiring','GenAI Capability Project - ITSS Collabera',

'Gaming/Metaverse CapEx Project Bench','P&D Engg Leadership SGA Bench Project'

)

and isnull(Monthly_hours,0) > 0 then 'Billed'

when LTRIM(RTRIM(ITSSProjectName)) not like 'India Billing%'

and LTRIM(RTRIM(ITSSProjectName)) Not like '%Pipeline%'

and ISNULL(Billig_Type,'') = ''

and LTRIM(RTRIM(ITSSProjectName)) not in ('AVA _Architecture, Development & Testing Project',

'CapEx - GenAI Project','CapEx - Web3.0+Gaming 2 (Gaming/Metaverse)','Capex - Data Assets','AVA_Support, Management & Planning Project','Dummy Project - TIQE Bench Project',

'ASC-ELT Program-2024','CES - ELT''s Program','Dummy Project - Managed Services Hiring','GenAI Capability Project - ITSS Collabera',

'Gaming/Metaverse CapEx Project Bench','P&D Engg Leadership SGA Bench Project')

and isnull(Monthly_hours,0) < 0 then 'Unbilled'

--Bench & Ava Matrix

when LTRIM(RTRIM(ITSSProjectName)) in (

'AVA _Architecture, Development & Testing Project','CapEx - GenAI Project','CapEx - Web3.0+Gaming 2 (Gaming/Metaverse)',

'Capex - Data Assets','AVA_Support, Management & Planning Project','Dummy Project - TIQE Bench Project')

then 'AVA'

when LTRIM(RTRIM(ITSSProjectName)) in ('Dummy Project - Managed Services Hiring','GenAI Capability Project - ITSS Collabera',

'Gaming/Metaverse CapEx Project Bench','ASC-ELT Program-2024','CES - ELT''s Program')

then 'Bench'

--SGA

when LTRIM(RTRIM(ITSSProjectName)) in ('P&D Engg Leadership SGA Bench Project')

then 'SGA'

End

Column name : ELT\Non ELT

Logic: Selected GCIID's are marked as ETL which were shared by Jayalaxmi.

Column name : Total Available Hours

Logic: Monthly Expected Hours

Column name : Total Billed Hours/ Actual Hours

Logic: Actual Hours

Column name : Onsite Hours

Logic: Type = 'OnSite' Then ActualHours Else 0 End

Column name : Offsite Hours

Logic: Type = 'Offshore' Then ActualHours Else 0 End

Column name : Delivery Leader

Logic: Coming from a mapping sheet shared by JayaLaxmi.

Column name : OFFShore

Table Name: New_Monthly_HC_Report

Definition : Business area(NA,LATAM,Others, India)

Column name : SOW

Table Name: New_Monthly_HC_Report

Definition : Client is SOW or not.

Column name : VerticalName

Table Name: report_392_all

Definition : Industry Name

Column name : Geo Group

Table Name: report_392_all

Definition : Not In use (after 2024)

Column name : Super Merged Name

Definition : Parent client name

Column name : New_business_type

Table Name: report_392_all

Definition : Contract/Direct Hire/Project NBL

Column name : Rec Region

Table Name: report_392_all

Definition : Requirement region name

Column name : Candidate Name

Table Name: SchTask

Definition : Consultant/FTE name

Column name : GCI_ID

Table Name: SchTask

Definition : Employee Code

Column name : id

Table Name: SchTask

Definition : WorkflowID/Task ID

Column name : Type

Definition : OnSite/Offshore

Column name : Tower

Table Name: report_392_all

Definition : Not In use (after 2024)

Logic : DTCUChoice1