



Explore API Documentation

SelfService_Estimate_ResourceEmployment Version 1.0

> Last Modified: 11/14/2023 Last Modified By: Litzy Mora

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Change Log
This changelog only contains significant or notable changes to the revision. Any editorial type changes or minor changes are not included.

Revision	Change Date	Description	Modified By
1.0	3/30/2022	Initial draft	Natalie Takacs
2.0	12/22/2022	Updated pagination	Litzy Mora

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Overview

The **SelfService_Estimate_ResourceEmployments** API is one of multiple APIs comprising the data contained in the Estimate Resource Employment entity. A Resource Employment is an instance of a Resource as used in the Estimate, is assigned to a Cost Item and contributes to the Estimate when the Cost Items Cost Source is "Detail"

The Estimate Resource Employment entity mainly includes three tables, SelfService_Estimate_ResourceEmployments, SelfService_Estimate_ResourceEmploymentsCalculatedValues and SelfService_Estimate_ResourceEmploymentsReferencedData.

The SelfService_Estimate_ResourceEmployments table contains Resource Employment records as created and managed within the Estimate application.

The SelfService_Estimate_ResourceEmploymentsCalculatedValues table contains Resource Employment data commonly calculated in some way for display purposes in the application and can provide a convenient way to reference data as it appears in the application without needing to transform it for display purposes.

The SelfService_Estimate_ResourceEmploymentsReferencedData contains the values of the many foreign key lookup values stored in reference tables and can provide a convenient way to reference data as it appears in the application without needing to lookup the foreign key values from a lookup table.

Monetary values stored in the database are stored in their base currency and corresponding values displayed in the application have been modified based on the conversion factor of the items assigned currency.

Quantity values stored in the database are stored in their base measurement units and corresponding values displayed in the application are potentially modified based on the conversation factor of the items unit of measure

Relationships and Dependencies

From: Table	To: Table	Relationship	Cardinality ¹
ResourceEmployments (RE)	Jobs (J)	RE.BidMasterJobUID = J.BidMasterJobUID	M:1
ResourceEmployments (RE)	CostItems (CI)	RE.CostItemUID = CI.UID	M:1
ResourceEmployments (RE)	Resources (R)	RE.ResourceUID = R.UID	M:1
ResourceEmployments (RE)	ResourceAssemblies (RA)	RE.ResourceAssemblyUID = RA.UID	M:1
ResourceEmployments (RE)	ResourceTypes (RT)	RE.ResourceTypeUID = RT.Type	M:1
ResourceEmployments (RE)	Accounts (A)	RE.AccountUID = A.UID	M:1
ResourceEmployments (RE)	UnitsOfMeasure (UM)	RE.UnitOfMeasureUID = UM.UID	M:1
ResourceEmployments (RE)	UnitsOfMeasure (AUM)	RE.AlternateUnitOfMeasureUID = AUM.UID	M:1
ResourceEmployments (RE)	Currencies (C)	RE.CurrencyUID = C.UID	M:1

¹ 1:M = One to Many, 1:1 = One to One, M:1 = Many to one

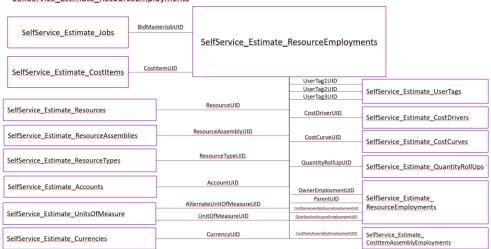




SelfService_Estimate_ResourceEmployment Version 1.0

ResourceEmployments (RE)	CostDrivers (CD)	RE.CostDriverUID = CD.UID	M:1
ResourceEmployments (RE)	CostCurves (CC)	RE.CostCurveUID = CC.UID	M:1
ResourceEmployments (RE)	QuantityRollUps (QR)	RE.QuantityRollUpUID = QR.UID	M:1
ResourceEmployments (RE)	UserTags (UT1)	RE.UserTag1UID = UT1.UID	M:1
ResourceEmployments (RE)	UserTags (UT2)	RE.UserTag2UID = UT2.UID	M:1
ResourceEmployments (RE)	UserTags (UT3)	RE.UserTag3UID = UT3.UID	M:1
ResourceEmployments (RE)	ResourceEmployments (HRE)	RE.OwnerEmploymentUID = HRE.UID	M:1
ResourceEmployments (RE)	ResourceEmployments (HASM)	RE.ParentUID = HASM.UID	M:1
ResourceEmployments (RE)	CostItemAssemblyEmployments (CIAE)	RE.CostItemAssemblyEmploymentUID = CIAE.UID	M:1
ResourceEmployments (RE)	ResourceEmployments (CIARE)	RE.CostItemAssemblySourceEmploymentUID = CIARE.UID	M:1
ResourceEmployments (RE)	ResourceEmployments (ALRE)	RE.DistributionSourceEmploymentUID = ALRE.UID	M:1

SelfService_Estimate_ResourceEmployments





API Detail

Direction		From Project Suite			
Pagination		5,000 Rows			
Frequency		All Reporting APIs are used by calling a GET method at an interval determined by the customer. InEight suggests using these APIs on an infrequent basis (once per day) to avoid potential performance impact to live systems when the returned data set could be large.			
Trigger Method(s)		All default OData filters are supported			
Average Payload Size		Depends on date range selected			
APIM Na	ame	SelfService_Estimate_ResourceEmployment			
Data Refresh/Delta/Incremental Loads					
Project Starting Version		21.5			
Suite	Ending Version	N/A			

Supported Filters
All default OData filters are supported by this API.

Fields

Name	Туре	CharMaxLe ngth	NumericPreci sion	DatePrecis ion	Produ ct	P K
EstimateResourceEmploymentId	bigint	8	19	0	Estim ate	Х
EstimateResourceEmploymentU F	uniqueident ifier	16	0	0	Estim ate	
EstimateResourceEmploymentU ID	uniqueident ifier	16	0	0	Estim ate	
EstimateAccountCodeUID	uniqueident ifier	16	0	0	Estim ate	
ActualPayHours	float	8	53	0	Estim ate	
ActualWorkHours	float	8	53	0	Estim ate	
AddOnQuantity	float	8	53	0	Estim ate	
AlternateUnitOfMeasureUID	uniqueident ifier	16	0	0	Estim ate	
CostCurveUID	uniqueident ifier	16	0	0	Estim ate	
CostDriverUID	uniqueident ifier	16	0	0	Estim ate	
CostItemAssemblyEmployment UID	uniqueident ifier	16	0	0	Estim ate	
CostItemAssemblySourceEmplo ymentUID	uniqueident ifier	16	0	0	Estim ate	
EstimateCostItemUID	uniqueident ifier	16	0	0	Estim ate	

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EstimateCurrencyUID	uniqueident ifier	16	0	0	Estim ate
DaysPerWeek	float	8	53	0	Estim
Description	nvarchar	2000	0	0	ate Estim
DistributionSourceEmploymentU	uniqueident	16	0	0	ate Estim
ID EmploymentType	ifier int	4	10	0	ate Estim
IsDelta	bit	1	1	0	ate Estim
LastChanged	datetime	8	23	3	ate Estim
LastChangedBy	nvarchar	100	0	0	ate Estim
MaintenanceLaborTotalCost	float	8	53	0	ate Estim
MaintenanceLaborUnitCost	float	8	53	0	ate Estim
OwnerEmploymentUID	uniqueident	16	0	0	ate Estim
ParentUID	ifier uniqueident	16	0	0	ate
	ifier				ate
PayHours	float	8	53	0	Estim ate
PeriodQuantityOptionID	int	4	10	0	Estim ate
PeriodQuantityText	nvarchar	-1	0	0	Estim ate
ProductivityFactor	float	8	53	0	Estim ate
Quantity	float	8	53	0	Estim ate
QuantityLessWaste	float	8	53	0	Estim
EstimateQuantityRollUpUID	uniqueident ifier	16	0	0	Estim ate
EstimateResourceAssemblyUID	uniqueident	16	0	0	Estim ate
ResourceType	nvarchar	100	0	0	Estim
ResourceTypeUID	int	4	10	0	ate Estim
EstimateResourceUID	uniqueident	16	0	0	Estim ate
RowNumber	ifier int	4	10	0	Estim
SavedQuantityRatio	float	8	53	0	ate Estim
SaveID	int	4	10	0	ate Estim
Scale1Composite	float	8	53	0	ate Estim ate



Scale2Composite	float	8	53	0	Estim
·	lloat	0	55	U	ate
Scale3Composite	float	8	53	0	Estim
Ch:#-DD	float	8	53	0	ate Estim
ShiftsPerDay	noat	8	53	U	ate
SubjectUtilization	float	8	53	0	Estim
					ate
TotalCost	float	8	53	0	Estim
T-1-10 - (P)	fl (0	50		ate
TotalCostBilling	float	8	53	0	Estim ate
UnitCost	float	8	53	0	Estim
					ate
UnitCostBilling	float	8	53	0	Estim
					ate
EstimateUnitOfMeasureUID	uniqueident	16	0	0	Estim
UserDefined1	ifier nvarchar	500	0	0	ate Estim
OserDenned i	nvarchar	500	0	0	ate
UserDefined2	nvarchar	500	0	0	Estim
000.20002					ate
UserDefined3	nvarchar	500	0	0	Estim
					ate
UserDefined4	nvarchar	500	0	0	Estim
UserDefined5	nvarchar	500	0	0	ate Estim
OserDenneds	nvarchar	500	0	0	ate
EstimateUserTag1UID	uniqueident	16	0	0	Estim
	ifier				ate
EstimateUserTag2UID	uniqueident ifier	16	0	0	Estim ate
EstimateUserTag3UID	uniqueident	16	0	0	Estim
_	ifier				ate
WastePercent	float	8	53	0	Estim
					ate
WorkHours	float	8	53	0	Estim
BidMasterJobUID	uniqueident	16	0	0	ate Estim
Bidividsterooborb	ifier	10	O	O	ate
LastUpdateID	int	4	10	0	Estim
•					ate
IsActive	bit	1	1	0	Report
CreatedById	bigint	8	19	0	Report
CreatedDate	datetimeoff set	10	34	7	Report
ModifiedById	bigint	8	19	0	Report
ModifiedDate	datetimeoff	10	34	7	Report

Field Descriptions



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Name	Description	Example
EstimateResourceEmploymentId	Unique identifier assigned to each record in the table	1
EstimateResourceEmploymentUF	System generated field, for internal use only	N/A
EstimateResourceEmploymentUID	Unique identifier for a Resource Employment record. Not visible in the interface.	347C2FB2-F82A- 4AB6-B54C- 53F3C4C59025
EstimateAccountCodeUID	Identifier of the Resource Employments Account Code assignment from the Accounts table. Found on the Employment Setup data block of the Cost Item Record.	C74956D9-3ED9- 4CC9-9801- 47EFCB760F24
ActualPayHours	Value of the Resource Employments Pay Hours field for duration based Resource Employments. Used in combination with Pay Hours Rules, Wage Scales, Man-Hour Factors and Productivity Factors to calculate the Total number of Hours Paid, which when multiplied by the Resource Employments Unit Cost, determines a Resource Employments Total Cost. Found in the Pay Hours column of the Resource Employment record	288
ActualWorkHours	Value of the Resource Employments Work Hours field for duration based Resource Employments. Used in combination with Work Hours Rules, Wage Scales, Man-Hour Factors and Productivity Factors to calculate the Total number of Hours worked, which determines a Cost Items duration. Found in the Work Hours column of the Resource Employment record	288
AddOnQuantity	Value indicating the total add on quantity of the corresponding resource utilization defined by a Resource Utilization Add-On Dependent Cost Item.	1
AlternateUnitOfMeasureUID	Identifier of the Resource Employments Base Unit of Measure entry in the UnitsOfMeasure table. Each Unit of Measure is related to the systems base Unit of Measure in order to convert between quantities having the same measurement type (Length, Area, Volume, etc.). For a Resources selected Unit of Measure, the Alternate Unit of Measure is its corresponding Base Unit of Measure. This value is not visible in the application.	312AC3B7-373B- 4369-B56C- AFC6D412BDAE
CostCurveUID	Identifier of the Resource Employment records Cost Curve from the CostCurves table. Found on the Resource Employment record and the Employment Setup data block of the Cost Item record.	EE8CE70D-9117- 4AAA-BAEF- D5E6FA75B572

Commented [AC1]: @Cyrus, not sure what this field is used for? Couldn't find any use of it in the Training Job?



CostDriverUID	Identifier of the Resource Employment records Cost Driver from the CostDrivers table. Found on the Resource Employment record and the Employment Setup data block of the Cost Item record.	4A71204F-DA06- 4E1A-86F5- FA2518E69316	
CostItemAssemblyEmploymentUID	Identifier of the Resource Employment records Cost Item Assembly Resource Employment from the ResourceEmployments table. Not visible in the interface.	8EDBBE70-085D- 4356-A767- 553DE7619ABA	
CostItemAssemblySourceEmploymentUID	Identifier of the Resource Employment records Cost Item Assembly Employment from the CostItemAssemblyEmployments table. Not visible in the interface.	6932A526-1815- 4CAB-B018- CD414E13F97F	
EstimateCostItemUID	Identifier of the Cost Item from the CostItems table to which this Resource Employment belongs to. Not visible in the interface.	5BB93D4D-4233- 4D3E-A608- B2934B4AF0D2	
EstimateCurrencyUID	Identifier of the Resource Employment records assigned <i>Currency</i> value from the Currencies table. Found on the Resource Employment record and the Employment Setup data block of the Cost Item record.	58687BB8-8107- 4B88-AE04- F236C3050E58	
DaysPerWeek	Resource Employment records <i>Days per Week</i> field value. This value corresponds to the employments Cost Item Default Shift Arrangement value and is not directly visible on the Resource Employment record but is necessary to calculate the composite unit cost and wage shift arrangements.	5	
Description	Resource Employment records Description. Found on the Employment Setup data block of the Cost Item record. This can be different from the Resource Rate record Description without triggering a delta on the Resource Employment record	Operator Class 1	
DistributionSourceEmploymentUID	Identifier of the Resource Employment records Cost Item Allocation Source Resource Employment from the ResourceEmployments table. Not visible in the interface.	38400397-1D7B- 48AA-817B- CEE965E97374	
EmploymentType	Value indicating the type of Resource Employment. '0' indicates a Resource Employment based on a Resource Assembly while '1' indicates a Resource Employment based on a Resource Rate record. '2' and '3' indicates a Resource Employment based on the Jobs Equipment Maintenance Assembly as defined in the Equipment Maintenance tab of Job Properties. These employments are hidden Resource Employments in the	0 - Resource Assembly 1 - Resource Rate 2 - Equipment Maintenance Assembly 3 - Equipment Maintenance Assembly Labor Resources	



	application but their values contribute to	
	the jobs total estimated cost.	
IsDelta	Indicates if the Resource Employment is "Delta" or is different from the Resource Rate record. A "Delta" Resource Employment is identified with the Delta icon appearing in the record selector of the Resource Employment. Hovering over the Delta icon will display a tooltip indicating the specific field(s) that trigger the Delta state. Additionally those field(s) triggering the Delta will appear in the systems Attention color on the Cost Item Record. The value of this field will be true (1) when the Resource Employment is	1 – True 0 – False
	"Delta".	
LastChanged	Date and time the Resource Employment record was last updated. Found on the Employment Setup data block of the Cost Item record.	2016-11-02 18:19:52.713
LastChangedBy	Windows user account of the user who last updated the Resource Employment Record. Found on the Employment Setup data block of the Cost Item record.	wmfarr
MaintenanceLaborTotalCost	Value of the Resource Employments Maintenance Total Cost field for equipment Resource Employments having Maintenance Labor automatically calculated from an Equipment Maintenance Assembly. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	575
MaintenanceLaborUnitCost	Value of the Resource Employments Maintenance Unit Cost field for equipment Resource Employments having Maintenance Labor automatically calculated from an Equipment Maintenance Assembly. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	2.3
OwnerEmploymentUID	For a hidden Maintenance Assembly employment, identifies the Resource Employment triggering the Maintenance Assembly employment. Not visible in the application.	D09A9DD6-CFE2- 4A24-8572- 64E04D4C6E57
ParentUID	For a hidden Maintenance Assembly labor resource employments, identifies the hidden Maintenance Assembly employment. Not visible in the application.	A704243A-E453- 499B-825A- ADCD17325C4E
PayHours	Value of the Resource Employments Pay Hours Rules field for duration based Resource Employments. Used in combination with Work Hours Rules,	8



PeriodQuantityOptionID	Wage Scales, Man-Hour Factors and Productivity Factors to calculate the number of Hours Paid driving a Resource Employments Total Cost. Must be a value. Found in the Pay Rules section on the Employment Setup data block of the Cost Item record. For Resource Employments whose Cost Driver is Scheduled Periods, this value	0 – Count 1 – Work Hours	
	indicates the selection of the Entry Type field as found on the Period Resource Quantities dialog.		
PeriodQuantityText	For Resource Employments whose Cost Driver is Scheduled Periods, this value is a semi-colon delimited field indicating the values found in the various period value fields found on the Period Resource Quantities dialog. Additionally, the number of scheduled periods can be derived by counting the number of delimited values in this field.	2;2;2;2	
ProductivityFactor	Value of the Resource Employments Productivity Factor field and used to modify the total work hours of a duration based resource employment. Must be a value. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	1.2	
Quantity	Value of the Resource Employments Quantity field after applying the waste percentage. Since quantities are stored in their base values, divide this value by the items corresponding Unit of Measure Factor to obtain the applications display value. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	105	
QuantityLessWaste	Value of the Resource Employments <i>Quantity (Less Waste)</i> field for non-duration based Resource Employment before applying any waste percentage. For duration based Resource Employments, this value is hidden in the application. Since quantities are stored in their base values, divide this value by the items corresponding Unit of Measure Factor to obtain the applications display value. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	100	
EstimateQuantityRollUpUID	Identifier of the Resource Employment records assigned <i>Quantity Roll-Up</i> Code value from the QuantityRollUps table.	510EADB5-E6B9- 419A-A04C- 5C4C9D28335E	





	Found on the Resource Employment	
	record and the Resource Employment	
	Breakdown data block of the Cost Item	
	record.	
EstimateResourceAssemblyUID	Identifier of the Resource Assembly	402ACFA8-F81E-
	record from the ResourceAssemblies	4D39-ADF5-
	table used to identify the Resource	047F2D4FC0BD
	Assembly Code this Resource	
	Employment is based on. This value is	
	Null for Resource Employments based on	
	Resource Rate records. Not visible in the	
	interface.	
ResourceType	Description of the type of resource this	Equipment
	resource employment is based on	
ResourceTypeUID	Identifier of the Resource Employments	Construction
	Resource Type assignment from the	Equipment Rate
	ResourceTypes table. Found on the	
	Resource Employment record and the	
	Resource Employment Breakdown data	
	block of the Cost Item record.	
EstimateResourceUID	Identifier of the Resource Rate record	AF3B643B-D1B7-
	from the Resources table used to identify	49B8-B614-
	the Resource Code and other attributes	BC2EA62249B2
	which this Resource Employment is based	
	on. This value is Null for Ad-hoc	
	resources and Resource Assemblies. Not	
	visible in the interface.	
RowNumber	Row number of the Resource Employment	1
	relative to all the Resource Employment	
	records belonging to the same Cost Item.	
	Value must be numeric and is commonly	
	used to control the sort order of the	
	resource employment records in the	
0 10 0 0	application.	
SavedQuantityRatio	For a Resource Employment record based	4
	on a Cost Item Allocation Source	
	Resource Employment, this value is the	
	ratio of the Resource Employment records	
	Quantity relative to its parent Cost Items	
	Forecast (T/O) Quantity. Not visible in the interface.	
SaveID	Field for internal use only	230
Scale1Composite	Resource Employment records Scale 1	80
	field value. This is the percent of the	
	Scale 1 Unit Cost contributing to the	
	employments composite unit cost. Found	
	an the December Franchism and according	
	on the Resource Employment record and	
	the Resource Employment Breakdown	
Cools 200 magaits	the Resource Employment Breakdown data block of the Cost Item record.	20
Scale2Composite	the Resource Employment Breakdown data block of the Cost Item record. Resource Employment records Scale 2	20
Scale2Composite	the Resource Employment Breakdown data block of the Cost Item record. Resource Employment records Scale 2 field value. This is the percent of the	20
Scale2Composite	the Resource Employment Breakdown data block of the Cost Item record. Resource Employment records Scale 2 field value. This is the percent of the Scale 2 Unit Cost contributing to the	20
Scale2Composite	the Resource Employment Breakdown data block of the Cost Item record. Resource Employment records Scale 2 field value. This is the percent of the	20

Commented [AC2]: used to determine if a record has changed and needs to be updated when a save is invoked prevents updating all data on a save event



	the Resource Employment Breakdown	
	data block of the Cost Item record.	
Scale3Composite	Resource Employment records Scale 3	0
	field value. This is the percent of the	
	Scale 3 Unit Cost contributing to the	
	employments composite unit cost. Found	
	on the Resource Employment record and	
	the Resource Employment Breakdown	
ChitteDesDess	data block of the Cost Item record.	1
ShiftsPerDay	Resource Employment records <i>Shifts per Day</i> field value. This value corresponds to	1
	the employments Cost Item Default Shift	
	Arrangement value and is not directly	
	visible on the Resource Employment	
	record but is necessary to calculate the	
	composite unit cost and wage shift	
	arrangements.	
SubjectUtilization	Value indicating the total Subject	1
	Utilization Quantity of the corresponding	
	resource utilization defined by a Resource	
	Utilization Add-On Dependent Cost Item.	
TotalCost	Resource Employment records <i>Total Cost</i>	2885.40
	field value. This value is the employments Quantity multiplied by its Unit Cost.	
	Found on the Resource Employment	
	record and the Employment Setup data	
	block of the Cost Item record.	
TotalCostBilling	Resource Employment records Total	3606.75
	Billing Amount field value. This value is	
	the employments Quantity multiplied by its	
	Billing Unit Rate. Found on the Resource	
	Employment record of the Cost Item	
11:30	record.	07.40
UnitCost	Resource Employment records composite <i>Unit Cost</i> field value. This value	27.48
	incorporates the employments specific	
	Shift/Wage arrangements. Since	
	quantities are stored in their base values,	
	multiply the Unit Cost by the items	
	corresponding Unit of Measure Factor to	
	obtain the applications display value.	
	Found on the Resource Employment	
	record and the Employment Setup data	
LimitCootDilling	block of the Cost Item record.	24.25
UnitCostBilling	Resource Employment records composite Billing Unit Rate field value. This value	34.35
	incorporates the employments specific	
	Shift/Wage arrangements. Found on the	
	Resource Employment record and the	
	Resource Employment Breakdown data	
	block of the Cost Item record.	
EstimateUnitOfMeasureUID	Identifier of the Resource Employments	312AC3B7-373B-
	Unit of Measure entry in the	4369-B56C-
	UnitsOfMeasure table. Found in the	AFC6D412BDAE
	Resource Employment record as a read	

Commented [AC3]: @Cyrus, not sure what this field is use for? Couldn't find any use of it in the Training Job?



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	only value and must be equal to the corresponding Resource Rate records Unit of Measure. For Ad-hoc resource employments, this value is editable.	
UserDefined1	Resource Employment records Custom 1 field value. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	Some text here
UserDefined2	Resource Employment records Custom 2 field value. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	Some text here
UserDefined3	Resource Employment records Custom 3 field value. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	Some text here
UserDefined4	Resource Employment records Custom 4 field value. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	Some text here
UserDefined5	Resource Employment records Custom 5 field value. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	Some text here
EstimateUserTag1UID	Identifier of the <i>Tag 1</i> field entry in the UserTags table. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	F675338E-4F35- 45BD-B3D9- 0793ED9C2645
EstimateUserTag2UID	Identifier of the <i>Tag 2</i> field entry in the UserTags table. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	F675338E-4F35- 45BD-B3D9- 0793ED9C2645
EstimateUserTag3UID	Identifier of the <i>Tag 3</i> field entry in the UserTags table. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	F675338E-4F35- 45BD-B3D9- 0793ED9C2645
WastePercent	Value of the Resource Employments Waste % Add-on field for non-duration based Resource Employment. Used to modify the Quantity value by applying a factor equal to 1 + WastePercent. For duration based Resource Employments, this value is hidden in the application and set to 0. Must be a value. Found on the Resource Employment record and the Resource Employment Breakdown data block of the Cost Item record.	5



WorkHours	Value of the Resource Employments Work Hours Rules field for duration based Resource Employments. Used in combination with Pay Hours Rules, Wage Scales, Man-Hour Factors and Productivity Factors to calculate the number of Hours Worked driving a Cost Items duration. Must be a value. Found in the Pay Rules section on the Employment Setup data block of the Cost Item record.	8
BidMasterJobUID	Identifier of the Job record from the Jobs table in the BidMaster database. This field is not unique in this table but is unique to an instance of a Job. Not visible in the interface.	5376AA5E-8C85- 43E8-9ACB- D7422000E832
LastUpdateID	Field for internal use only	663
IsActive	Indicates if record is active. Please note: records will become inactive if a user un-syncs a job from Estimate application	True = 1 False = 0
CreatedByld	System generated ld, will always represent the system, not actual users. This field is for internal use only.	1
CreatedDate	Date/timestamp record is entered	2022-02-21 17:47:05.4923658 +00:00
ModifiedByld	System generated ld, will always represent the system, not actual users. This field is for internal use only.	1
ModifiedDate	Date/timestamp record is modified	2022-02-21 17:47:05.4923658 +00:00

Commented [AC4]: used in conjunction with SavelD and used to determine if a record has changed and needs to be updated when a save is invoked, prevents updating all data on a save event

Sample

```
{"EstimateResourceEmploymentId":5666,"EstimateResourceEmploymentUF":"4d1505d2-fce5-
083c-3e65-88bcce227874", "EstimateResourceEmploymentUID": "0006305c-92d1-48f0-8bd6-
90897eba1289", "EstimateAccountCodeUID": "1848cc1d-998c-4c61-8868-87bc43c23d09", "ActualPayHours": 9.07563025210084, "ActualWorkHours": 9.07563025210084,
"AddOnQuantity":0.0,"AlternateUnitOfMeasureUID":"0c2b7f19-1dee-4f53-95ce-1c67b1bd9aa8","CostCurveUID":"a74b8943-b1be-4504-a178-
9131aaf3ba21", "CostDriverUID": "054b3b4f-df96-47f5-aa71-
feb1329f7f11","CostItemAssemblyEmploymentUID":null,"CostItemAssemblySourceEmploymen
tUID":null, "EstimateCostItemUID": "daa86c93-904b-4cde-a023-
9ale02f6cb6e", "EstimateCurrencyUID": "58687bb8-8107-4b88-ae04-f236c3050e58", "DaysPerWeek":5.0, "Description": "Mechanic", "DistributionSourceEmploym
entUID":null, "EmploymentType":3, "IsDelta":false, "LastChanged": "2021-03-
23T04:24:49.53Z", "LastChangedBy": "Marlow
quast", "MaintenanceLaborTotalCost":0.0, "MaintenanceLaborUnitCost":0.0, "OwnerEmploym
entUID":null, "ParentUID":"15323c9f-0cd7-4ebd-8980-35791816c7a7", "PayHours":8.0, "PeriodQuantityOptionID":0, "PeriodQuantityText":null, "
ProductivityFactor":1.0, "Quantity":1.0, "QuantityLessWaste":1.0, "EstimateQuantityRol
lUpUID":null, "EstimateResourceAssemblyUID": "402acfa8-f81e-4d39-adf5-
047f2d4fc0bd", "ResourceType": "Labor
Rate", "ResourceTypeUID":1, "EstimateResourceUID": "d0873dbb-3866-4cbf-9f5f-
```

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Data Validation

21T17:47:24.876782Z"}

Resource Employments can be found in various locations in the Estimate application.

Figure 1: Detail records expanded under a Cost Item in the CBS Register

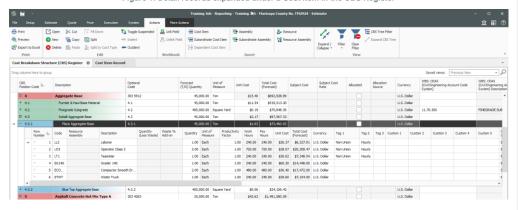


Figure 2: Detail tab and Employment Setup data block of the Cost Item Record



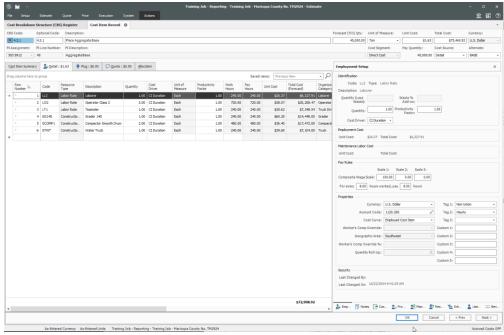


Figure 3: Resource Employment Register





SelfService_Estimate_ResourceEmployment Version 1.0

