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# Improved actuals - more accurate representation of people's role changes over time

## Overview

To offer a more accurate representation of project actuals over time, we extended the Forecast data model for actuals (time registrations) with a record of the person's project role alongside every time registration - changing someone's project role will not change past actuals.


## What's new?

The example below illustrates the improvement to the Forecast actuals data model:

1. A person joins a project as developer from Monday, the 23rd of October.

All Projects > Apple | New website - Fixed price - With dependencies **P3**

### Settings - Team

Active 1 team members ▾		
Person	Main role	Project role
 Daenerys Targaryen	Developer	Developer ▾

a.

2. Work is done and actuals are captured for Monday and Tuesday as seen in the time registration report:

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PROJECT	TASK	PHASE	TIME ENTRIES	DATES	PERSON	ROLE	CLIENT	
			16h					
P3	Apple   New website - Fixed price - With dependencies	Build back-end	Implementation	8h	23 Oct 2023	Daenerys Targarye	Developer	Apple
P3	Apple   New website - Fixed price - With dependencies	Build back-end	Implementation	8h	24 Oct 2023	Daenerys Targarye	Developer	Apple

a.

3. On Wednesday, the 25th of October, in the morning the developer is promoted to Sr. Developer and the role is updated in their profile and across projects:

## Resources

Departments Teams **People** Roles Skills

Group by seat type

**Full** 1 team members

<input type="checkbox"/>	NAME	ROLE	SKILLS	DEPARTMENT
<input type="checkbox"/>	Daenerys Targaryen	Sr. Developer	7 skills	Engineering

a.

All Projects > Apple | New website - Fixed price - With dependencies **P3**


## Settings - Team

**Active** 1 team members

Person	Main role	Project role	Permission	Assigned at
<b>Daenerys Targaryen</b>	Sr. Developer	Developer	Coordinator	Project

b.

## Settings - Team

Active 1 team members <span style="float: right;">▼</span>					
Person	Main role	Project role	Permission	Assigned at <span style="font-size: 0.8em;">(i)</span>	
 <b>Daenerys Targaryen</b>	Sr. Developer	Sr. Developer <span style="float: right;">▼</span>	Coordinator	Project	

c.

4. As always, at the end of the day a time registration comes in from the now Sr. Developer:

**Team Member Timesheet**

Daenerys Targaryen October 2023 TODAY DAY WEEK

Week	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
40	1	2	3	4	5	6	7
TOTAL							
41	8	9	10	11	12	13	14
TOTAL							
42	15	16	17	18	19	20	21
TOTAL							
43	22	23	24	25	26	27	28
TOTAL		✓ 8h	✓ 8h	✓ 8h			
44	29	30	31	1	2	3	4
TOTAL							

New time entry: Oct 25, 2023

**TASK** INTERNAL TIME TIME OFF

PROJECT: All Projects

TASK: All Tasks

TIME ENTRY: ex. 8h BILLABLE TIME: 0h

NOTES: Enter notes

ADD

**Quickly find and add:** SUGGESTED STARRED RECENT PLANNED IN PROGRESS ASSIGNED TO ME

**Wednesday 25 October** SUBMIT DAENERYS'S TIMESHEETS SUBMIT DAENERYS'S TIME-OFF ONLY

P-ID	PROJECT	TASK	PHASE	TIME ENTRY	NOTES
P3	Apple   New website - Fixed price - With dependencies	Build back-end	Implementation	8h	
Total:				8h	

a.

5. Project manager checks the time registration report on Thursday and sees correct roles for past and current time registrations on their project:

Time Registered, Untitled

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PROJECT	TASK	PHASE	TIME ENTRIES	DATES	PERSON	ROLE	CLIENT	
24h								
P3	Apple   New website - Fixed price - With dependencies	Build back-end	Implementation	8h	23 Oct 2023	Daenerys Targarye	Developer	Apple
P3	Apple   New website - Fixed price - With dependencies	Build back-end	Implementation	8h	24 Oct 2023	Daenerys Targarye	Developer	Apple
P3	Apple   New website - Fixed price - With dependencies	Build back-end	Implementation	8h	25 Oct 2023	Daenerys Targarye	Sr. Developer	Apple

a.

Following this same scenario, before the improved data model, platform behavior would be different at step 5.a, specifically, the new Sr. Developer role would be backwards propagated on time regs in the past:

- 5. Updating person's role in the middle of the week changes the role associated with past time registrations:

Time Registered, Untitl...

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PROJECT	TASK	PHASE	TIME ENTRIES	DATES	PERSON	ROLE	CLIENT	
24h								
P3	Apple   New website - Fixed price - With dependencies	Build back-end	Implementation	8h	23 Oct 2023	Daenerys Targarye	Sr. Developer	Apple
P3	Apple   New website - Fixed price - With dependencies	Build back-end	Implementation	8h	24 Oct 2023	Daenerys Targarye	Sr. Developer	Apple
P3	Apple   New website - Fixed price - With dependencies	Build back-end	Implementation	8h	25 Oct 2023	Daenerys Targarye	Sr. Developer	Apple

a.