



California Statewide Automated Welfare System

## **Design Document**

CA-213047

Add Projected Hours to Employment Hours  
Detail Page

CalSAWS	DOCUMENT APPROVAL HISTORY	
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DATE	DOCUMENT VERSION	REVISION DESCRIPTION	AUTHOR
1/4/2023	1.0	Initial design	Connor O'Donnell

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# 1 OVERVIEW

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This SCR will add the capability for the CalSAWS to automatically display hours on the Employment Hours Detail page for up to 5 months based on the actual verified hours the user enters in a given month. The user will have the ability to turn off this feature and not have the hours automatically populated to account for the needs of different counties.

## 1.1 Current Design

Users can add employment hours for past months and current month on the Employment Hours Detail page.

## 1.2 Requests

Allow CalSAWS to automatically populate Employment hours on the Employment Hours Detail page based upon verified hours reported by the customer. The hours must be auto-populated for each month indicated for a 5 month projection period (5 months subsequent to month data is entered). If the customer reports a change to hours prior to the end of the 5- month projection, allow the user to edit verified actual hours for the employment month which will then project the updated hours as needed.

## 1.3 Overview of Recommendations

1. Update the Employment Hours Detail page to allow for the creation and display of Projected Hours for five future months based on verified Actual Hours.

## 1.4 Assumptions

1. N/A

## 2 RECOMMENDATIONS

### 2.1 Employment Hours Detail Page

#### 2.1.1 Overview

The Employment Hours Detail page currently allows a worker to add values for the Actual Hours for a given Employment record's current and prior months. This SCR will add the capability for CalSAWS to automatically populate and display projected hours based on those already verified and entered by the worker in a given month.

#### 2.1.2 Employment Hours Detail Mockup

##### Employment Hours Detail

\*- Indicates required fields

Save Cancel

Employment Information		
<b>Name:</b> Smith, John 28M	<b>Employer:</b> Bob's Business	<b>Date Hired:</b> 09/22/2022
<b>Category:</b> Subsidized - Private	<b>Type:</b> Subsidized	

January 2023

▶ Actual Hours Information

Total Monthly Hours: \* 20

Average Weekly Hours: 4.62

Project Future Hours?: \* Yes ▾

Current Document Information

Figure 2.1.1 – Employment Hours Detail (Edit Mode – Before Projection) Mockup

# Employment Hours Detail

\*- Indicates required fields

Edit

Close

Employment Information		
<b>Name:</b> Smith, John 28M	<b>Employer:</b> Bob's Business	<b>Date Hired:</b> 09/22/2022
<b>Category:</b> Subsidized - Private	<b>Type:</b> Subsidized	

January 2023

▼ Projected Hours Information				
February 2023	March 2023	April 2023	May 2023	June 2023
<b>Monthly Hours:</b> 20.0	<b>Monthly Hours:</b> 20.0	<b>Monthly Hours:</b> 20.0	<b>Monthly Hours:</b> 20.0	<b>Monthly Hours:</b> 20.0
<b>Weekly Hours:</b> 4.62	<b>Weekly Hours:</b> 4.62	<b>Weekly Hours:</b> 4.62	<b>Weekly Hours:</b> 4.62	<b>Weekly Hours:</b> 4.62

► Actual Hours Information

<b>Total Monthly Hours:</b> * 20.0
<b>Average Weekly Hours:</b> 4.62
<b>Project Future Hours?:</b> * Yes

Figure 2.1.2 – Employment Hours Detail (View Mode, First Entry) Mockup

# Employment Hours Detail

\*- Indicates required fields

Save

Cancel

Employment Information

Name:

Smith, John 28M

Employer:

Bob's Business

Date Hired:

09/22/2022

Category:

Subsidized - Private

Type:

Subsidized

November 2022

▼ Projected Hours Information

December 2022	January 2023	February 2023	March 2023	April 2023
	<div><div>Monthly Hours:</div><div>20.0</div><div>Weekly Hours:</div><div>4.62</div></div>	<div><div>Monthly Hours:</div><div>20.0</div><div>Weekly Hours:</div><div>4.62</div></div>	<div><div>Monthly Hours:</div><div>20.0</div><div>Weekly Hours:</div><div>4.62</div></div>	<div><div>Monthly Hours:</div><div>20.0</div><div>Weekly Hours:</div><div>4.62</div></div>

► Actual Hours Information

Total Monthly Hours: \*

40

Average Weekly Hours:

9.24

Project Future Hours?: \*

No

Figure 2.1.3 – Employment Hours Detail (Edit Mode – After First Entry, Selecting No)  
Mockup

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## Employment Hours Detail

\*- Indicates required fields

Edit

Close

### Employment Information

<b>Name:</b> Smith, John 28M	<b>Employer:</b> Bob's Business	<b>Date Hired:</b> 09/22/2022
<b>Category:</b> Subsidized - Private	<b>Type:</b> Subsidized	

November 2022 ▼

### ▼ Projected Hours Information

December 2022	January 2023	February 2023	March 2023	April 2023
	<b>Monthly Hours:</b> 20.0 <b>Weekly Hours:</b> 4.62	<b>Monthly Hours:</b> 20.0 <b>Weekly Hours:</b> 4.62	<b>Monthly Hours:</b> 20.0 <b>Weekly Hours:</b> 4.62	<b>Monthly Hours:</b> 20.0 <b>Weekly Hours:</b> 4.62

### ► Actual Hours Information

Total Monthly Hours: \* 40.0

Average Weekly Hours: 9.24

Project Future Hours?: \* No

Figure 2.1.4 – Employment Hours Detail (View Mode – After Second Entry) Mockup

### 2.1.3 Description of Changes

1. Add a new field to the Employment Information section labelled 'Category'. This field will display the same value as the 'Category' field on the Employment Detail page.
2. Add a new field to the Employment Information section labelled 'Type'. This field will display the same value as the 'Type' field on the Employment Detail page.
3. Add a new dynamic expandable section to the page labeled 'Projected Hours Information'. This section will only appear if there is a Projected Hour value for any of the next five months. This section will contain the following information:
  - a. This section will contain five smaller tables displayed horizontally. These five tables will be labeled with the five months and years



after the month with the actual hours updated (i.e. if the viewed month is 'November 2022', then the table labels will be 'December 2022', 'January 2023', 'February 2023', 'March 2023', and 'April 2023'. These tables will display the following information if there are hours projected for that month:

- i. Monthly Hours: This will display the Projected Hour value.
  - ii. Weekly Hours: This value will be populated using a calculation from the 'Monthly Hours' value. This field will be calculated in the same way that the 'Average Weekly Hours' field is calculated from the 'Total Monthly Hours' field.
4. Add a new field labeled 'Project Future Hours?' below the 'Average Weekly Hours' field. This is a required field. This field will show whether Projected Hours should be created based on a given month. This field will have three values:
- a. '-Select-' - This will be the default value. Since this is a required field, the user will need to make a selection that isn't this value.
  - b. 'Yes' – When a non-null value is saved into the 'Total Monthly Hours' field (which is shown below the 'Actual Hours information' section), 'Project Future Hours?' is set to 'Yes', and the viewed month is the current month or either of the immediate prior three months (i.e. if the current month is March 2023, the prior months checked would be February 2023, January 2023, and December 2022), a 'Monthly Hours' value will be saved for the month being viewed. This same value will be saved for the next five months following the month being viewed up to a month where there is a 'Total Monthly Hours' value saved (Ex: The current month is January 2023. January 2023 already has a 'Total Monthly Hours' value of '20.0' and 'Project Future Hours?' set to 'No'. A user goes to November 2022 and saves a 'Total Monthly Hours' value of '40.0' with 'Project Future Hours?' set to 'Yes'. Upon saving this value for November 2022, projected hours would be saved in the 'Monthly Hours' field for November 2022 and December 2022 and not save for any other months, because January 2023 already has a 'Total Monthly Hours' value). If it is not the current month or immediate prior three months a 'Monthly Hours' value will be saved only for the month being viewed.
  - c. 'No' - When a non-null value is saved into the 'Total Monthly Hours' field (which is shown below the 'Actual Hours information' section), and 'Project Future Hours?' is set to 'No', and it is the current month or immediate prior three months, a 'Monthly Hours' value will be saved for the month being viewed, and the 'Monthly Hours' value will be deleted for any future month following the month being viewed up to a month where there is a 'Total Monthly Hours' value saved(Ex: The current month is January 2023. January 2023 already has a 'Total Monthly Hours' value of '20.0' and 'Project Future Hours?' set to

'Yes'. A user goes to November 2022 and saves a 'Total Monthly Hours' value of '40.0' with 'Project Future Hours?' set to 'No'. Upon saving this value for November 2022, projected hours would be saved in the 'Monthly Hours' field for November 2022. The 'Monthly Hours' field would be deleted for December 2022 but no other months since January 2023 already has a 'Total Monthly Hours' value). If it is not the current month or immediate prior three months a 'Monthly Hours' value will be saved only for the month being viewed.

5. Validation: Since 'Project Future Hours?' is a required field, add the standard validation that prevents the page from being saved when the field has no selection.
  - a. Validation message: "Project Future Hours? – Field is required. Please select a value."

#### **2.1.4 Page Location**

- **Global: Eligibility**
- **Local: Customer information**
- **Task: Employment**

#### **2.1.5 Security Updates**

N/A

#### **2.1.6 Page Mapping**

Add page mapping for the newly added fields.

#### **2.1.7 Page Usage/Data Volume Impacts**

N/A

### **2.2 Automated Regression Test**

#### **2.2.1 Overview**


Create new ART scripts to confirm the changes in this SCR.

#### **2.2.2 Description of Changes**

Confirm that the new Projected Hours function correctly.

### 3 SUPPORTING DOCUMENTS

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Number	Functional Area	Description	Attachment
1	Design	Projected Hours Scenario Examples	 CA-213047%20Projected%20Hours%20E:

## 4 REQUIREMENTS

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### 4.1 Project Requirements

REQ #	REQUIREMENT TEXT	How Requirement Met