Feature Verification Plan

# Feature: F3495 - Week View - Enable Sorting of Employee Details

## Click here for details regarding completion of this document…

This document will contain the information regarding the plan for verification activities regarding a feature. This plan represents a snapshot in time, and does not need to be updated if requirements change slightly through the course of development unless directed otherwise. At the time of planning, the following steps must be completed for each feature:

1. Update the *Feature* header, replacing the text in the << >> characters with the Feature ID and Name (e.g. F123 – Create new screen)
2. Update the *Feature Description* section
3. Update the *Feature Requirements Summary* table as follows:

Create a row for each requirement that will be verified as part of the feature as currently established at the time of the plan. Each row should contain the following:

**Requirement ID and Statement** – List the Identifier and statement of the requirement (e.g. @SRS\_F2534.001 - Description). Do not include any ##US123## or ##DONE## notations

**Verification Approach** – Choose one of the following values to summarize the approach that was taken to verify this requirement:

* *Analysis* – This option applies to requirements that are verified by performing analysis, common for requirements of discovery and proof of concept features
* *Inspection* – This option applies to requirements that are verified by performing inspection, common for requirements relating to the code structure/implementation and documentation
* *Testing (ALM)* – This option applies to requirements that are verified by executing managed test cases from HP ALM.
* *Testing (Other)* – This option applies to requirements that are verified by testing outside of HP ALM, common for performance testing, exploratory testing, etc.

**Approach Notes** – List any relevant notes regarding the proposed verification approach, including but not limited to applicable automation mechanisms, inspection technique, etc.

1. Add any reference documents to the *Reference Documents* section. Provide links to any key documentation influencing the plan, like design documents, wiki pages, by replacing the text in the << >> characters
2. Complete the *Major Risks* table with any risks and mitigation details that apply to the verification of the feature, regarding either program or product concerns.
3. Complete the *Overall Testing Plan* section by listing the key details (concisely) establishing the plan of how the feature will be verified through the course of development from start to finish. These details should replace the text in the << >> characters for this section.
4. Complete the following sections, by replacing the text in the << >> characters for each section with details regarding how each specific testing area is impacted by the plan, including who will be responsible for the testing where appropriate:
   * *Impact – Manual Testing*
   * *Impact – Unit Testing*
   * *Impact – Other Automated Testing*
   * *Impact – Regression Testing*
5. Save this document and format the name as <<Feature ID >> Test Plan (e.g. F123 Test Plan.docx)
6. Attach the saved document directly to the Feature work item in CA Agile Central.

# Purpose

This document is intended to identify, at a high level, how a feature will impact the core product, what risks have been identified for the feature, and what testing will be done to address those risks and ensure the feature works as intended. This is a holistic description of the feature from a quality and testing perspective.

# Feature Description

# On the balancing view, we are providing a list of all the employees who are contributing to a particular schedule period (for a unit and profile group), including the employees who have explicit "home" assignment for the unit with profile qualifications, and also anyone who have been scheduled into the role group. Since this can be a long list of staff (hundreds is not uncommon), we want to first give the user the ability to sort the list by any of the employee attributes, to help them organize the list in a way that is most convenient for them.

# Feature Requirements Summary

|  |  |  |
| --- | --- | --- |
| Requirement ID and Statement | Verification Approach | Approach Notes |
| **@SRS\_TASS\_F3495.001**  The user shall have the ability to sort the "balancing view" by any of the demographic attributes of the employees listed.  (sorting occurs within the 'groupings')   1. FTE or Approved Hours (nullable value) (dropdown text should be "Approved Hours") 2. Home Shift Code (nullable value) 3. Home Job Class Description (required value) 4. Home Organization Unit (including Trunk & branch...leaf when available) (required value)    1. If there is a Unit, use the unit name for sorting    2. If no unit but department, use department name for sorting    3. If no department, use facility name for sorting 5. Seniority Date (if set for the employee) (nullable value) 6. Employee Class Code (i.e. FT/PT/Per Diem) | Testing (ALM) |  |
| **@SRS\_TASS\_F3495.002**  In the event of a tie (the selected sort attribute is the same for multiple employees), the employees being evaluated shall be sorted by LastName, then FirstName, and then their database ID (a guaranteed unique value). | Testing (ALM) |  |
| **@SRS\_TASS\_F3495.003**  For the sort options, the user can choose "Seniority/Hire date" as a single option.  This is because Seniority Date is shown if set...and only if it's blank will we then show Hire Date.  So the displayed date value must be compared, regardless of which source it has. | Testing (ALM) |  |
| **@SRS\_TASS\_F3495.004**  After any sort action, the view shall be scrolled to the top of the list. | Testing (ALM) |  |
| **@SRS\_TASS\_F3495.101**  The Online help explains how the sorting options work for the employee details on the Balancing view. | Inspection |  |

# Reference Documents

Help documentation:

https://racine.api-wi.com/infoportal\_dev/TM\_Online%20Help/index.htm#f\_screen\_descriptions/actions\_section/scheduling\_card/schedule\_screen/weekly\_view.htm

# Major Risks

The table below lists any major risks (Product or Program) associated with this feature that affect or are mitigated by quality/testing processes, including mitigation details where possible.

|  |  |  |
| --- | --- | --- |
| Risk No. | Risk Description | Mitigation Plan |
| 1 |  |  |
| 2 |  |  |

# Overall Testing Plan

The majority of the testing for this feature will be done by creating test cases in ALM and manually testing, based on the feature requirements.

Below are some additional testing scenarios:

When Last Name is selected, employees are displayed in the weekly view screen alphabetically by last name, then first name, then id.

When Approved Hours is selected, employees are displayed in the weekly view screen numerically by approved hours, then last name, then first name, then id.

When Home Shift is selected, employees are displayed in the weekly view screen numerically by shift code, then last name, then first name, then id.

When Home Job Class is selected, employees are displayed in the weekly view screen alphabetically by job class name, then last name, then first name, then id.

When Home Org Unit is selected, employees are displayed in the weekly view screen alphabetically by org unit name, then last name, then first name, then id.

When Seniority Date is selected, employees are displayed in the weekly view screen by seniority date, then last name, then first name, then id.

When Employee Class is selected, employees are displayed in the weekly view screen alphabetically by employee classification code, then by last name, then first name, then id.

# Impact – Manual Testing

Most of the testing for this feature will be done manually.

# Impact – Unit Testing

There is an expectation of 100% code coverage with unit testing. Coordination with the developers on the team will ensure this requirement is met.

# Impact – Other Automated Testing

Integration tests will be written where appropriate.

# Impact – Regression Testing

Regression tests for this feature will be chosen from the test suite by the Quality Lead. All initial test cases for this feature can be found in ALM under: Subject > Features > F3495 - Week View - Enable Sorting of Employee Details.