

Personas

Creating personas

User Types:

During the requirement elicitation phase and the subsequent client interviews, there were two primary groups of users that were identified.

1. Users who input calibration data into the system
 - a. These users travel to external facilities to conduct audits regularly. The audit information is input into the system.
 - b. These users are domain experts and have rigorous academic experience as physicists.
 - c. They are not expected to be proficient with technologies, however they do have the capability to learn.
2. Users who export and analyze the data
 - a. These users search the systems for calibration data. This data is exported and provided as input to downstream calculation engines.
 - b. The data will be exported for each external audit and the users expect it to be reliable and accurate.
 - c. These users are domain experts and have rigorous academic experience as physicists.
 - d. They are not expected to be proficient with technologies, however they do have the capability to learn.

Map users groups to behavioral variables

1. Users who input calibration data into the system
 - a. Detail-oriented
 - b. Careful
 - c. Logical
2. Users who export and analyze the data
 - a. Skeptical
 - b. Curious
 - c. Methodical

Map user groups to user roles

1. Users who input calibration data into the system
 - a. ACDS Data Editor
2. Users who export and analyze the data
 - a. ACDS Data Viewer

Based on the above process, the following personas were created.

ACDS Data Editor

NAME

Grace Smith

TYPE

Guardian



Goals

- Navigate through the data effectively
- Fast and easy access to data
- Data is secure

Background

Grace is a clinical auditor that is part of the ACDS team. She is responsible for auditing dosimetry measurements across facilities in Australia and New Zealand. She assists staff members to perform onsite measurement in the facility's water tank. The data gathered will be recorded in ACDS's system. The data will be used for calibrating equipment and testing. Grace will be responsible for inputting and editing data based on the audit findings.

Grace Smith

 Female 32 years

 Melbourne Vic

Clinical Auditor, Medical
Physicist

"It's important to me that I can
do my job well without
sacrificing efficiency"

Motivations

- Needs the system to have accurate and reliable data at all times. It is important to ensure data integrity for the data that her and other auditors input.
- Wants the access to be fast and easy without delay or difficulty navigating the platform

Frustrations

- Data is spread across multiple spreadsheets making it difficult and time consuming to navigate and enter new data.
- Spreadsheet lacks controls for input validation.
- Spreadsheet can be unintentionally updated by other users of the system

Technology



Browsers



Chrome



Safari

Skills

Programming



Communication



Physics Knowledge



Physician Knowledge



UXPRESSIA

This persona was built in uxpressia.com

ACDS Data Viewer

NAME

Tom Weaver

TYPE

Rational



Tom Weaver

Male 25 years

Melbourne, VIC

Single

Radiation Oncology Medical
Physicist

3000

"I am looking for a software
solution that will give me quick
and easy access to data I need
to use for my calculations."

Technology



Browsers



Chrome



IE

Channels



Goals

- Have a streamlined approach to searching for calibration data
- To export data wanted for further calculation

Background

Tom is an Audit Support Officer in the ACDS team. He is responsible for exporting the calibration data submitted by Clinical Auditors during external audits. The exports are served as input to downstream calculation engines for further analysis.

Motivations

- Tom needs to extract calibration data from their system for further calculations. This should be intuitive and responsive.
- Tom can search through historical calibration data. He needs to be aware of any changes of those data.

Frustrations

- There is not sufficient division between the datasets of different systems. These are all currently stored in a single spreadsheet, which is not intuitive when searching for required data.
- The excel based solution is not scalable as it requires a large amount of system resources. Using multiple spreadsheets concurrently often results in slow performance and an unresponsive user interface.

Skills

Programming



Communication



Physics Knowledge



Physician Knowledge



UXPRESSIA

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