



EuroQol Valuation Study

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Client Overview

Client Name: PMD International

Website: <http://www.pmd-int.com>

Description: PMD International has been providing technology solutions for collecting study-participant data since 1995. Since that time, PMDI has focused on developing innovative data collection solutions for registration, and late phase or real world studies. PMDI's innovations include the revolutionary "QuestionMagiXX Framework" (QMF), consisting of a Server Application and a Desktop-based study design software application

Project Business Goals

EuroQol Valuation is a set of standards to collect one's health state in a single index. An EQ-5D health state may be converted to a single summary index by applying a formula that essentially attaches weights to each of the levels in each dimension. This formula is based on the valuation of EQ-5D health states from general population samples.

The project business goals were to develop a survey application that takes answer of some set off question related to health status of surveyed person and on based of that this application can predict how healthy a person is to EuroQol standards.

The functionalities that were to be implemented by us are as follows:

1. Setting up Subversion system for this complex project so that multiple developers can work simultaneously.
2. Understanding complex JavascriptMVC and IndexedDB system that is quite new and under resourced on the internet.
3. Commenting out source code with some standard commenting method maintaining the integrity of the application.
4. Implementing Backup plan for IndexedDB database that was not fully supported by all the browser event recently using WebSql.

Technical Overview / Work Scope

Project Technologies:

- ColdFusion 10
- JavascriptMVC
- HTML 5
- JQuery
- IndexedDB
- Version Control – SVN repository
- WebSQL
- CSS3

Work Scope:

1. Analysis of existing system
2. Developing prototypes to confirm technical feasibility
3. Requirement Analysis
4. UI/UX Design
5. Impact Analysis
6. Development
7. Testing/QA
8. Deployment

Key Challenges

- 1.) **Absence of good IDEs**: This application requires extensive use of JavascriptMVC and till that time not a lot of good IDE was available, more over other assistance provided by these tools were absent.
- 2.) **Cross-Browser Compatibility**: One of the challenges was that IndexedDB was not cross-browser compatible and required to implement Web SQL technology as a backup for this.
- 3.) **Memory Optimization**: This application requires a lot of data to be downloaded when it is initialized for the first time from a browser. This process needed a tough check on every memory footprint of the browser.

- 4.) **Timelines:** Including the R&D work and overall development process on a tough time schedules completion of this project was itself a big challenge.
- 5.) **Custom Components:** This application uses custom components for some special requirements like a scale for meter reading etc. That required a lot of efforts to be implemented precisely.

Summary

The project was completed successfully and client is happy.

Useful Links

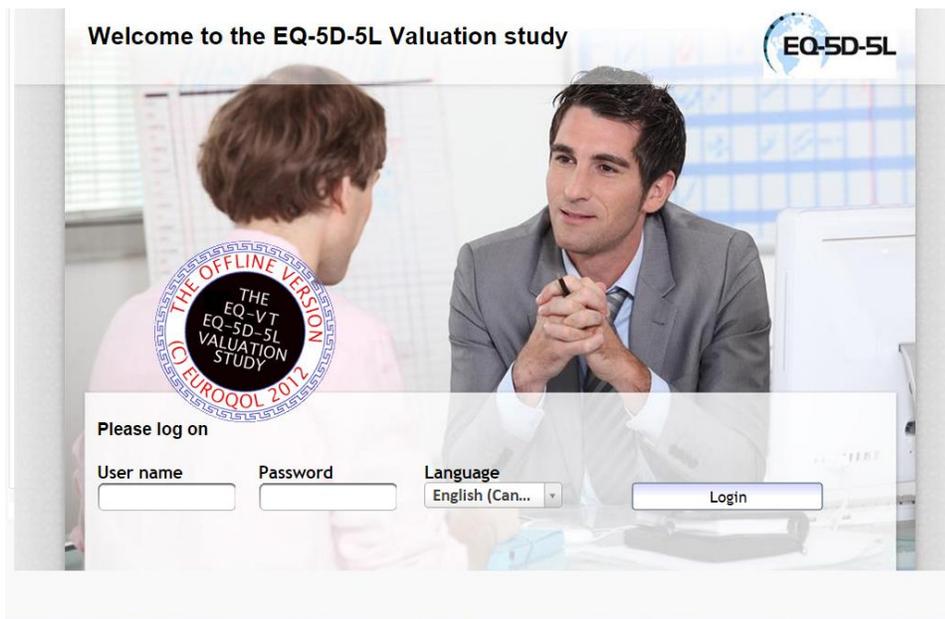
<http://www.cfdevshop.com/vstd/staging/tova/tova.html>

Username : MYINV

Password: MYINV

Screen Shots

Login



Welcome to the EQ-5D-5L Valuation study

EQ-5D-5L

THE OFFLINE VERSION
THE EQ-VT
EQ-5D-5L
VALUATION
STUDY
EUROQOL 2012

Please log on

User name

Password

Language English (Can...

Dashboard



EQ-5D VALUATION STUDY

Logout 

English 
(Canadian)

Study Hotline
+1 (866) 338-4894

Logged in as:
asdad asdasd asdasd

Group ID:
Canada

If you are experiencing difficulties with this web site and need further assistance, please click here support@eq5donline.org

My Tasklist

In this section you can view which tasks are pending.

Interviewer filling out patient/participant questionnaires

**Valuation study for Canada**

The following questionnaires need to be taken. Please take the questionnaires one by one.

Version check: QMF Build 3989.

Message

Participant successfully randomised to the following study arm(s): TTO Group 5, LEFTTORIGHT, DCE Group 17

01017541974 -

VIEWS ABOUT HEALTH

Thank you for agreeing to take part in this survey.

This interview is being carried out to enable improvements to the healthcare system. Members of the general public, including you, are asked to help with this study. The questions are about the different ways people feel about health and illness.

You will be asked to think about some health states you may or may not have experienced in your life. There are no right or wrong answers. Please just tell us what you think.

The survey will take about 40 minutes to complete. If at any stage you feel uncomfortable with any of the questions, you can stop. Your responses will be kept strictly confidential.

Are you ready to begin?

EQ-5D VALUATION STUDY

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Version check: QMF Build 3989.

Survey

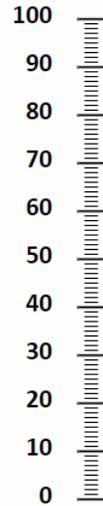
01017541974 -

EQ-5D VALUATION
STUDY

Your health today

- We would like to know how good or bad your health is TODAY.
- This scale is numbered from 0 to 100.
- 100 means the best health you can imagine.
- 0 means the worst health you can imagine.
- Please click on the scale to indicate how your health is TODAY.

The best health you
can imagine



The worst health
you can imagine

YOUR HEALTH
TODAY

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