Single Client to Cloud Conversion
Project Scope

Introduction

A single client specialist accounting performance analyzer software package is currently available. There is a requirement to convert the single user software package into an Internet cloud application. This document describes the scope of work.

1) Existing single client software package

   a) Windows based application, uses windows to provide operating environment, user interfaces etc.

   b) No. of user commands/controls from GUI to core ?

   c) No. of core calls to Windows for services
      - data presentation
      - printing
      - data export
      - data save
      - error mechanisms

Cloud Architecture – Server side

2) Hosting: Apple, Microsoft or Unix OS

   a) Physical connectivity, locations (one or distributed).

   b) Security; physical, data

   c) Availability in %

   d) Load balancing

   e) Failure and recovery tolerance

   f) Scalability; add more capacity as required w/o going offline

3) Logical Web server

   a) Back end processing or

   b) Processing in the client browser

4) Back end database

   a) How many live copies; working copies

   b) Backup policy, recovery mechanisms

   c) Data export

   d) Choice of database products

   e) Security within the database

Client Environment

5) User Devices

    a) Firefox, IE, Safari browser support (care with versions)

    b) Portable device support: Smartphones, tablet computers

6) User signup

7) User termination of service

8) User data input/output

    a) Typed or batch upload/download

9) User support

        i) Online support, call centre?

        ii) Email support, who will do it.

        iii) Client feedback mechanisms

Cloud Administration and Operation

10) Management and Maintenance

    a) Ongoing software updating, testing, browser compatibility issue resolution

    b) Auditing capacity, loading

    c) Provision of performance metrics

    d) Access management

        i) Billing

        ii) Security

    e) Design for ease of maintenance and support

Legal considerations

11) Data Protection Act: physical data location

12) Protection of user data against viruses, hacks etc.

Project Implementation - Guidelines

13) Method: Waterfall approach is not acceptable

14) Resource levels required

15) Timeline

16) Testing:

17) Version control