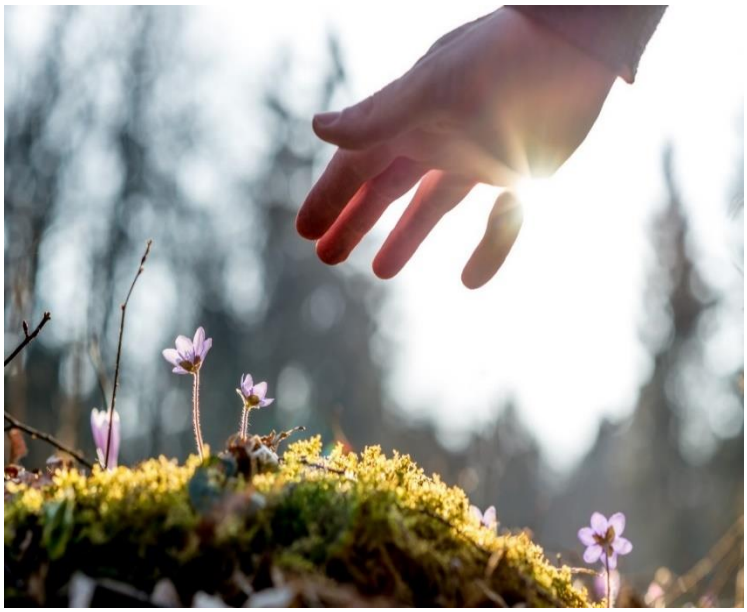

Proposal to the Office of Systems Integration (OSI)

Request for Information (RFI) #75001

For Agile Development Pre-Qualified (ADPQ) Vendor Pool

Human Centered Design

June 3, 2016

Strategy! Innovation! Transformation!

Revision History

Version	Date	Description of Updates	Author
1	06/03/2016	Created the Initial Version	xFusion

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1 Introduction

We adopted various responsive design tools and techniques to ensure that the SafeKids application provides an optimal user experience across a wide range of devices – from desktop computer to mobile devices.

We are using Twitter Bootstrap framework for the frontend application in addition to AngularJS and JQuery to create a Single Page Application (SPA) that provides easy reading, navigation and great user experience.

This document describes the range of devices the application tested with and example screenshots from those testing.

2 Tools and Technologies used for Responsive Design

The following tools and technologies are used for the SafeKids application for Responsive Design.

1. Twitter Bootstrap
2. AngularJS
3. JQuery
4. CSS3
5. HTML5

3 Responsive Design Test Approach

This section describes the test approach used to conduct the Responsive Design testing.

- ***Incorporate Responsive Design Testing from the UX/UI prototype Phase to the rest of the project lifecycle phases***

    a. As described in the Human Centered Design approach (*ADPQ-SafeKids-HumanCenteredDesign.docx, Section 2*), we developed the UX/UI prototype and tested for Responsive Design on a wide range of devices.

    b. Responsive Design Testing is performed as part of every Sprint to ensure that the developed application functionality is Responsive on a wide range of devices.

    c. Responsive Design testing is performed as part of the User Acceptance Testing (UAT) of the SafeKids Application.

- ***Select a wide range of devices for Responsive Design testing*** – the SafeKids application was tested on a wide range of devices from Desktop Computer/OS to Mobile devices.

    - Desktop Computer Browser – MS Windows Operating System
        - Google Chrome
        - Mozilla Firefox
        - MS Internet Explorer/Edge
        - Opera
        - Safari on Windows

    - Desktop Computer Browser – MAC
        - Safari on Mac

    - Mobile Devices – Android
        - Google Chrome on Android Mobile Phone

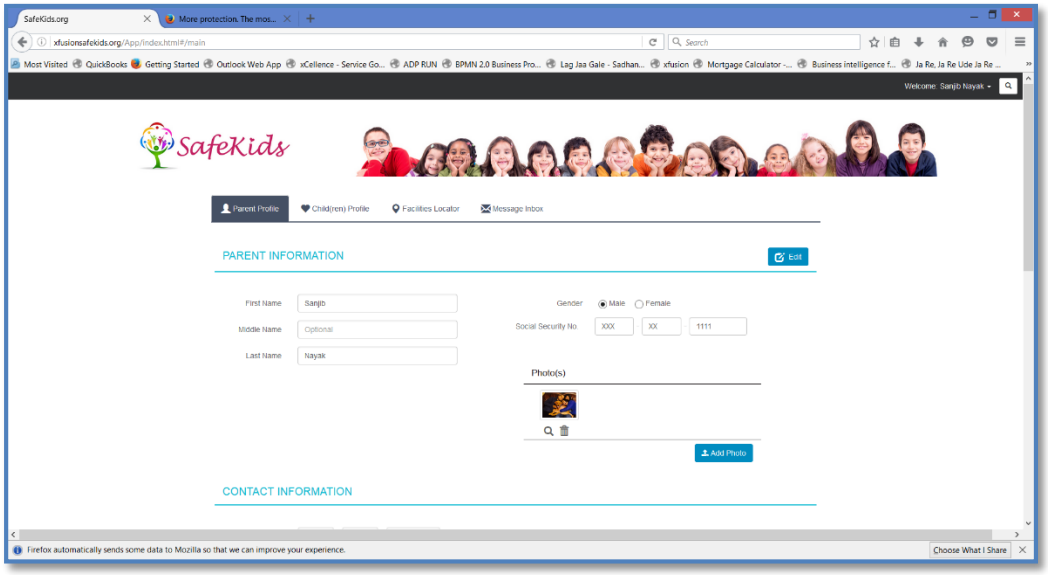
    - Mobile Devices – iOS
        - iPhone
        - iPad

    - Mobile Devices – Microsoft

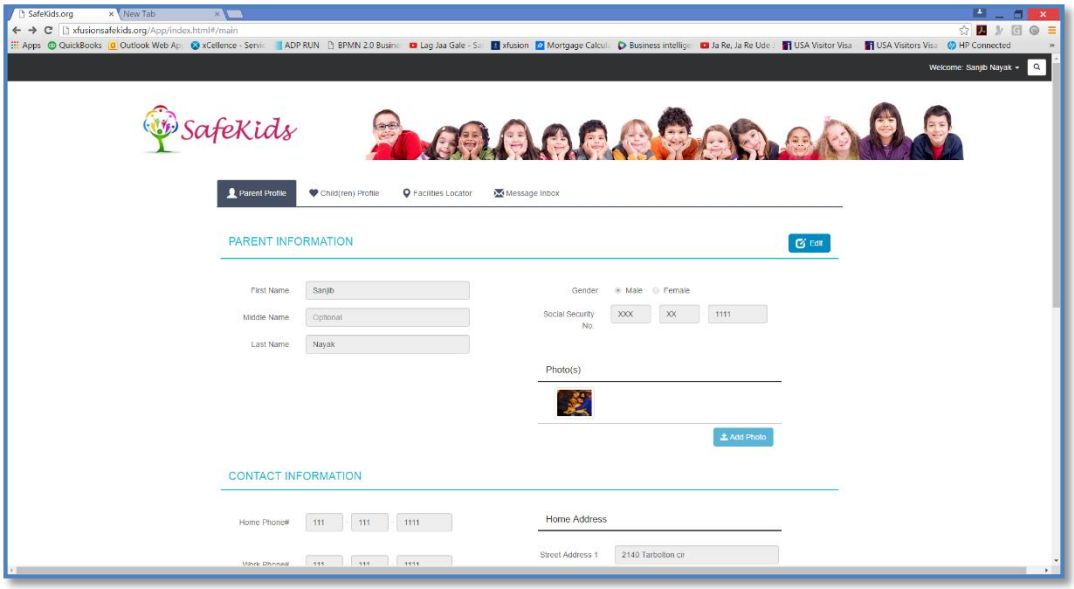
4 Responsive Design Testing

4.1 Desktop Computer Browser – MS Windows Operating System

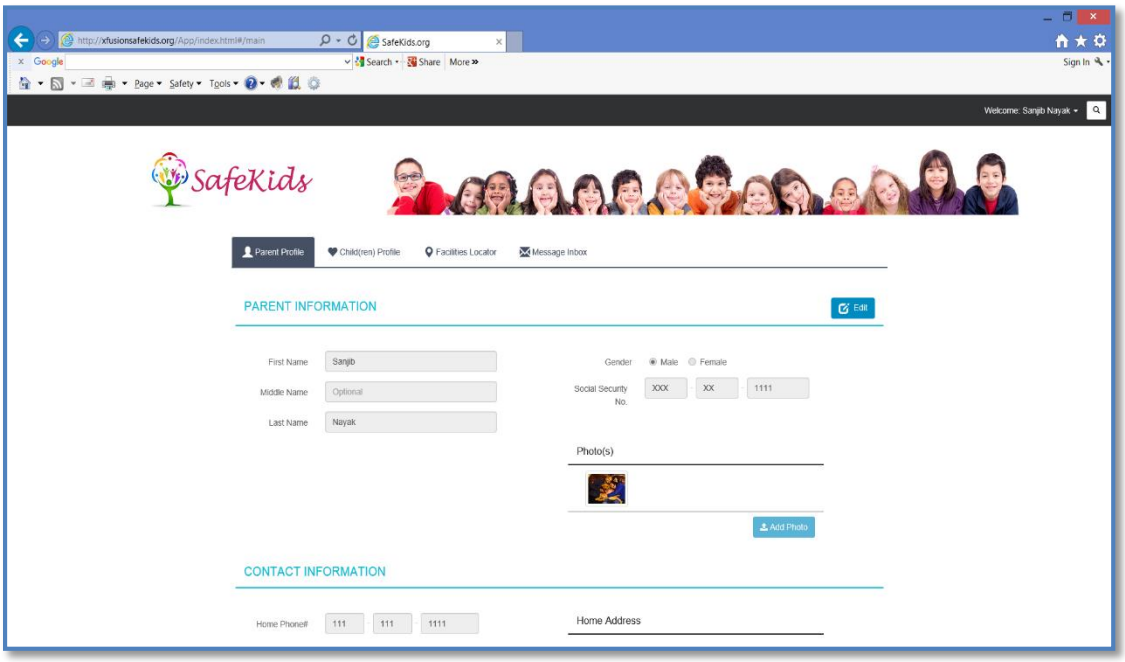
SafeKids Application on Mozilla Firefox Browser



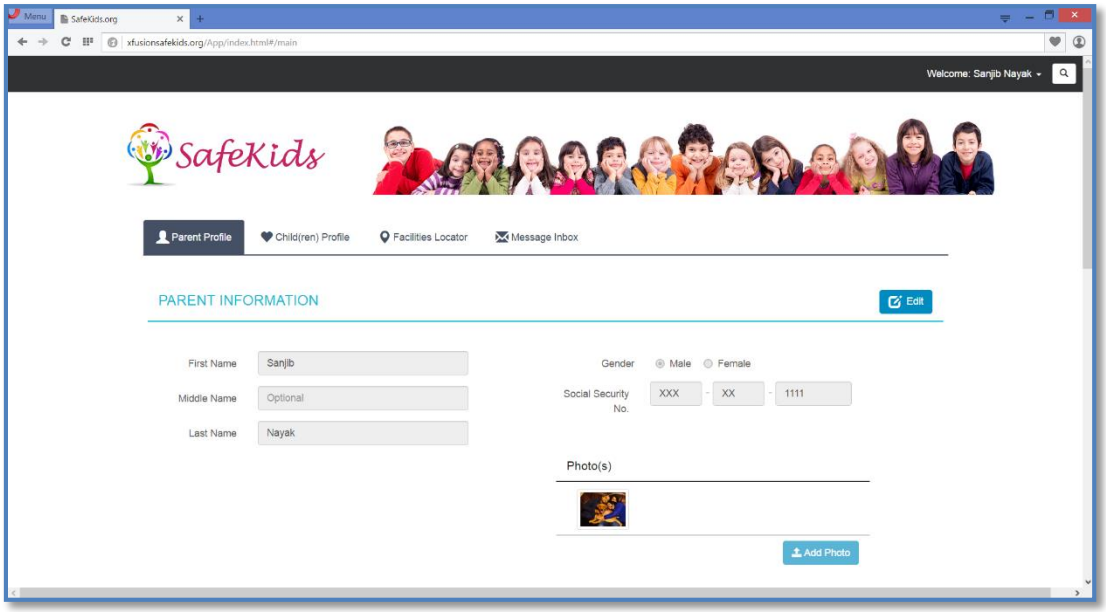
SafeKids Application on Google Chrome Browser



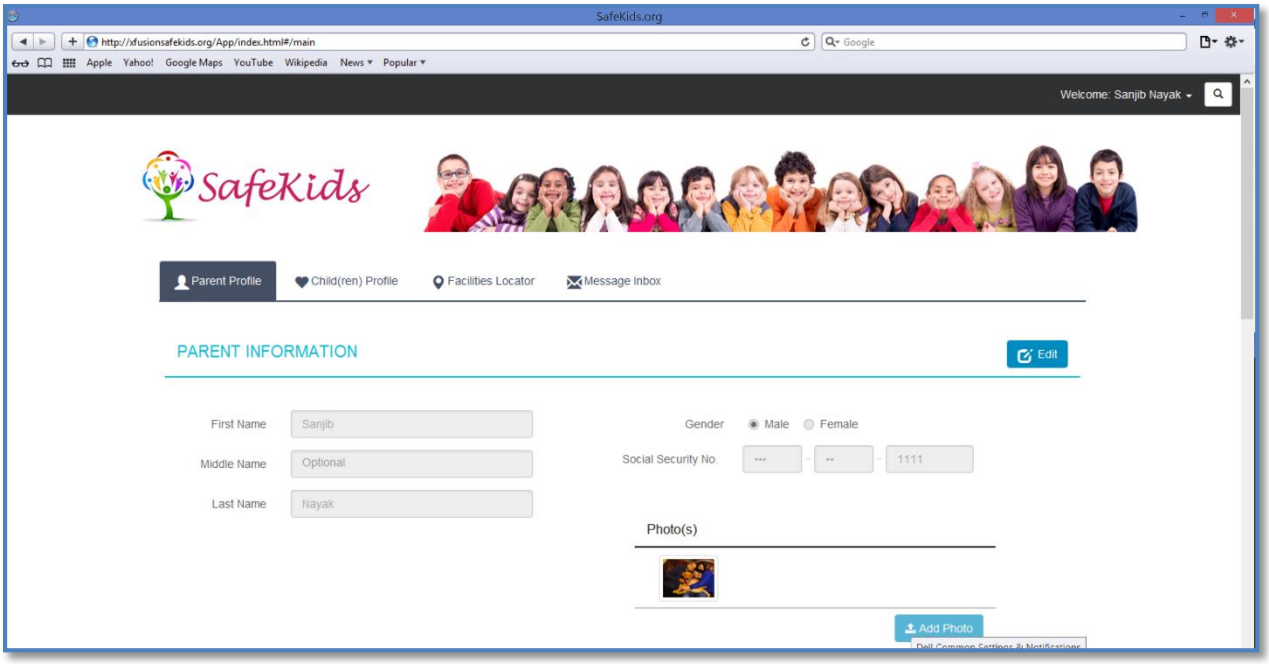
SafeKids Application on Internet Explorer/Edge Browser



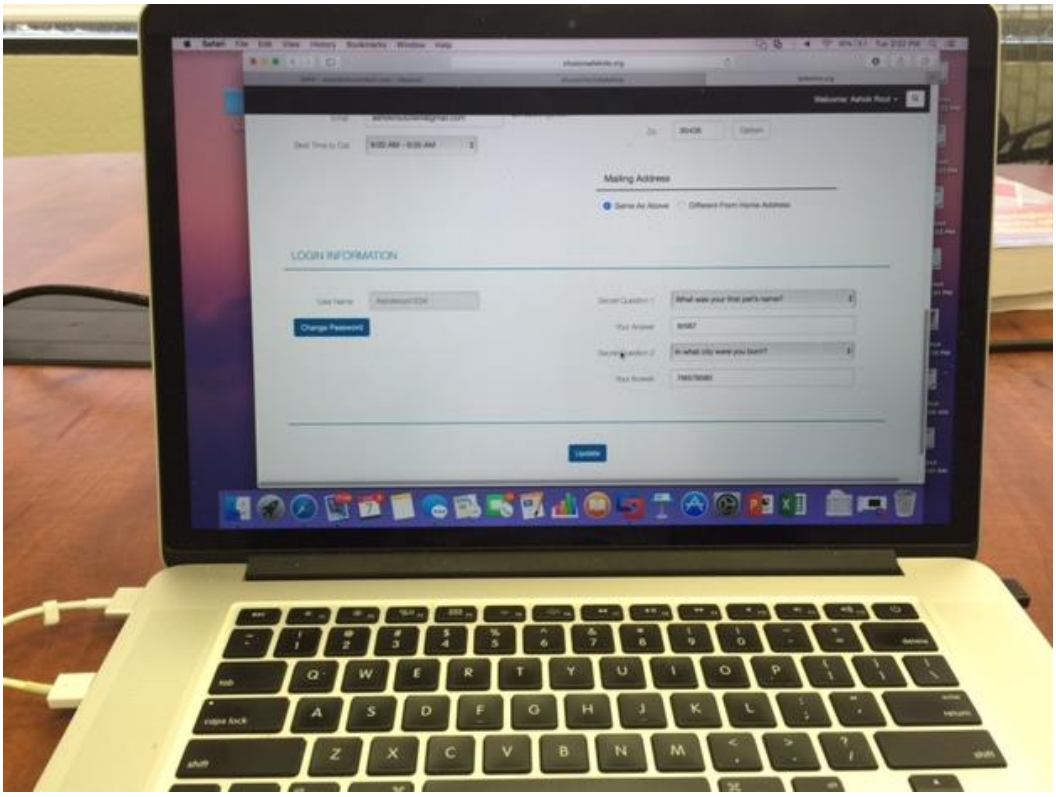
SafeKids Application on Opera Browser



SafeKids Application on Safari on Windows OS

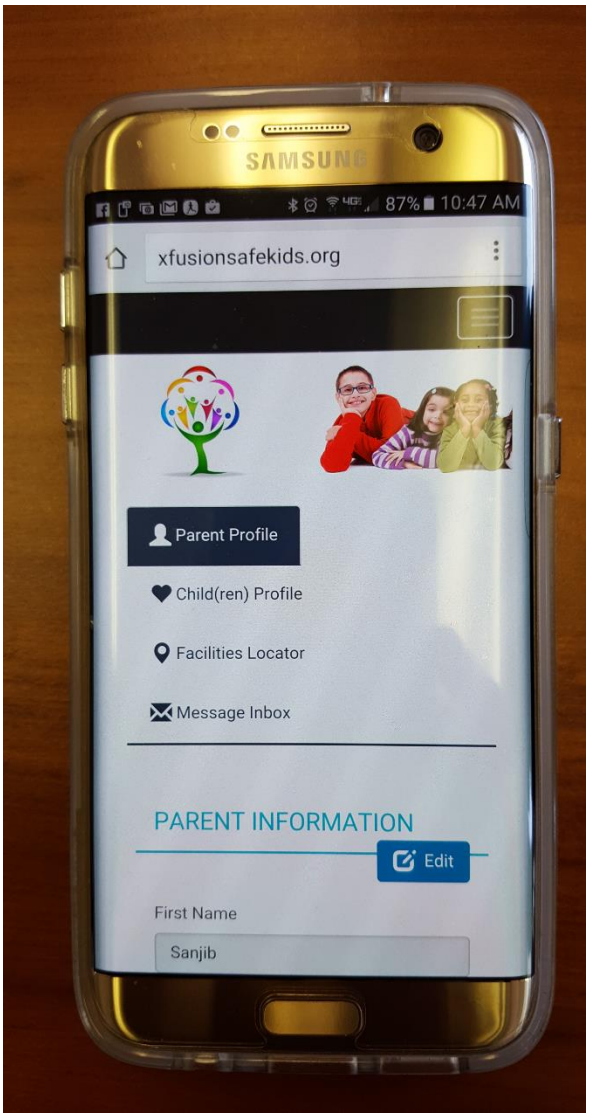


4.2 Desktop Computer Browser – MAC

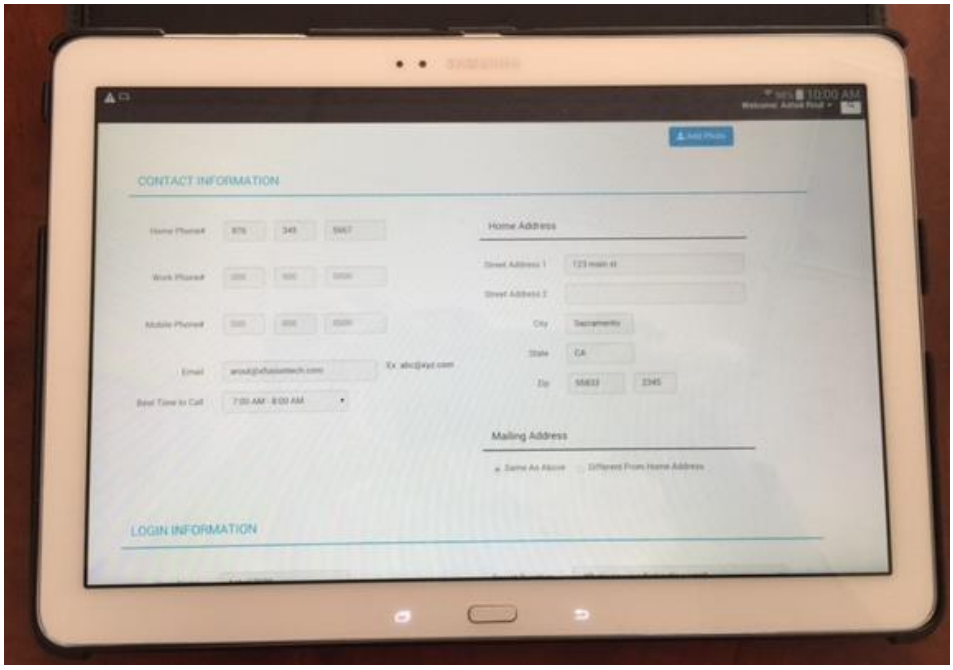


4.3 Mobile Devices – Android OS

SafeKids Application on Google Chrome on Android Mobile Phone

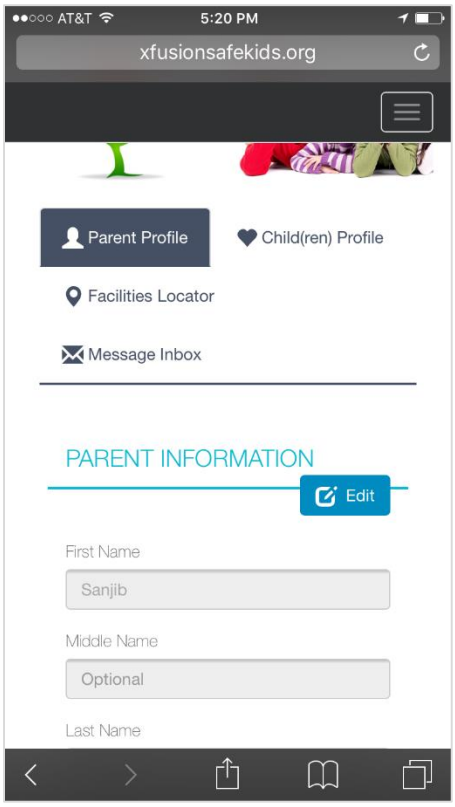


SafeKids Application on Google Chrome on Android Tablet (Samsung Galaxy Pro)



4.4 Mobile Devices – iOS

SafeKids Application on iPhone



SafeKids Application on iPad