

Feedback180 - Mae Fah Luang University (MFU) Pilot 1.0

Survey Integration Specs 2.0

by
Feedback180
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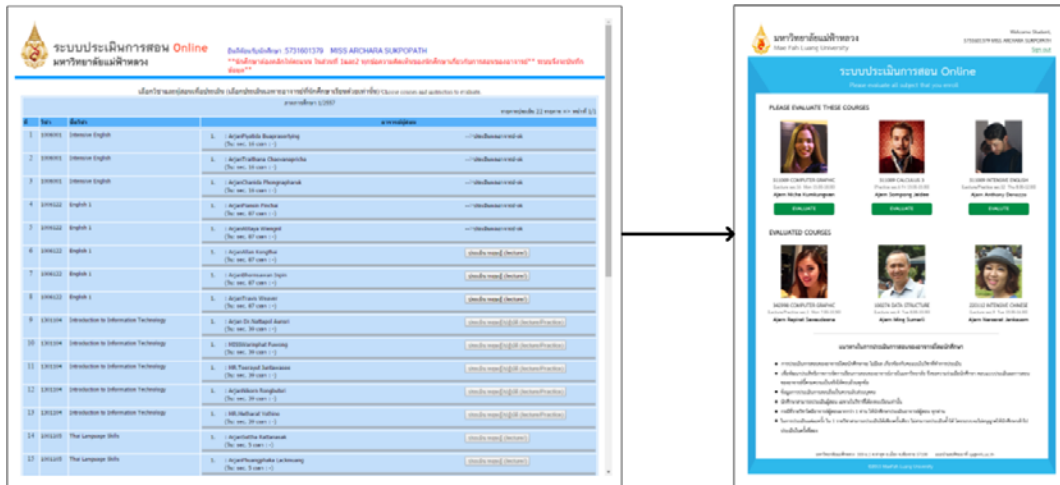
Note: The information contained in this document is private and confidential.

Scope

This project consists of 2 tasks:

1. Update current MFU Feedback site User Interface (UI)
2. Integrate Feedback180 Survey

1. Update UI



Update present MFU UI to modern UI that we had design (see appendix for mockups design). This updates include:

1. Update Login UI & button pressed interactions (AJAX)
2. Update Teacher List page
3. Integrate Responsive/Fluid design interface

2. Integrate Feedback180 Survey

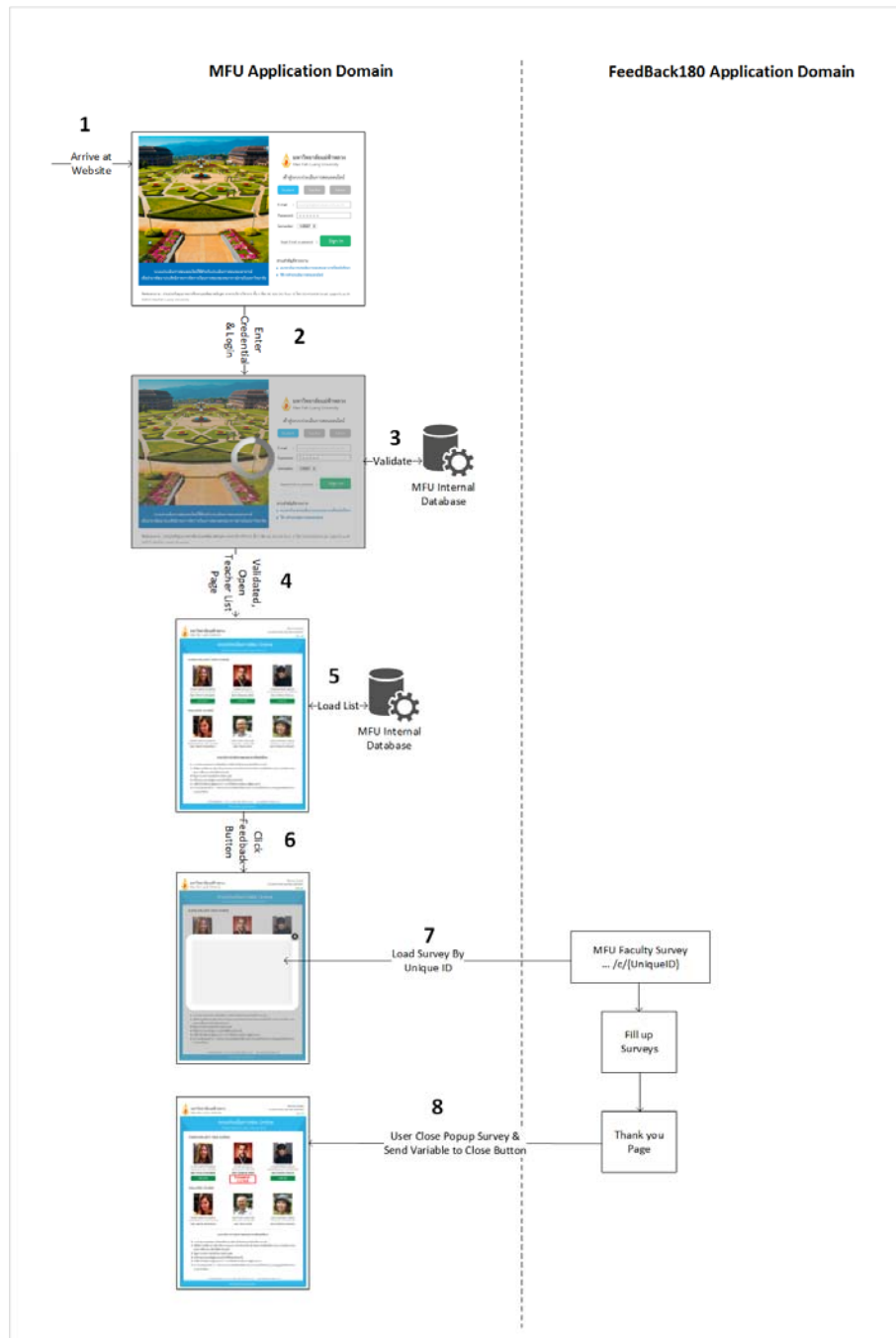


Figure 1: Process Flow

Overall process flow of user using MFU-Feedback180 survey integration:

1. Student arrives at MFU Feedback site that presently hosted inside MFU
2. Student enter assigned credential into site
3. Application validates against MFU internal database
4. When validated, student proceeds to Teacher List page
5. Load Teacher List data, student classes & surveys taken by student
6. When student click one of Teacher's feedback button, launch Feedback180 survey using Fancybox2 jquery library (see section Structural Update below)
7. Load Feedback180 survey based in TeacherID
8. Upon completing survey, send Window.PostMessage to parent frame (see section Inter-Frame Communication below)

Structural Update to Existing MFU Feedback Site using Fancybox2

1. Replace Homepage with content of SubjectList.asp
2. Add Top iFrame & Bottom iFrame as well as set page margin to 0 pixel (changes are in **bold**)

```
<body style="margin:0px;padding:0px;">
  <iframe src="top.asp" name="top" id="survey1" width="100%" height="142" marginwidth="0"
marginheight="0" hspace="0" vspace="0" frameborder="0" scrolling="no" align="left"></iframe>
  <br />&nbsp;<br />
  <table width="100%" border="0" cellspacing="0" cellpadding="0" align="center">
    <tbody>
      <tr>
        <td valign="top">
          <table width="100%" border="0" cellspacing="0" cellpadding="0">
            <tbody>
              <tr>
                <td width="100%" class="webboard_date" valign="top" height="23"
align="center">
                  .....
                </td>
              </tr>
            </tbody>
          </table>
        </td>
      </tr>
      <tr>
        <td height="40"></td>
      </tr>
    </tbody>
  </table>
  <iframe src="down.asp" name="top" id="survey1" width="100%" height="30" marginwidth="0"
marginheight="0" hspace="0" vspace="0" frameborder="0" scrolling="no" align="left"></iframe>
</body>
</html>
```

Adding Popup Library

1. Install Fancybox2 javascript library files.
2. Reference fancybox2 library files to homepage.

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
  <title></title>
  <!-- Add jQuery library -->
  <script type="text/javascript" src="fancybox/lib/jquery-1.10.2.min.js"></script>
  <!-- Add mousewheel plugin (this is optional) -->
  <script type="text/javascript" src="fancybox/lib/jquery.mousewheel-3.0.6.pack.js"></script>
  <!-- Add fancyBox main JS and CSS files -->
  <script type="text/javascript" src="fancybox/source/jquery.fancybox.js?v=2.1.5"></script>
  <link rel="stylesheet" type="text/css" href="fancybox/source/jquery.fancybox.css?v=2.1.5"
media="screen" />
  <!-- Add Button helper (this is optional) -->
  <link rel="stylesheet" type="text/css" href="fancybox/source/helpers/jquery.fancybox-
buttons.css?v=1.0.5" />
  <script type="text/javascript" src="fancybox/source/helpers/jquery.fancybox-
buttons.js?v=1.0.5"></script>
  <!-- Add Thumbnail helper (this is optional) -->
  <link rel="stylesheet" type="text/css" href="fancybox/source/helpers/jquery.fancybox-
thumbs.css?v=1.0.7" />
  <script type="text/javascript" src="fancybox/source/helpers/jquery.fancybox-
thumbs.js?v=1.0.7"></script>
```

```

<!-- Add Media helper (this is optional) -->
<script type="text/javascript" src="fancybox/source/helpers/jquery.fancybox-
media.js?v=1.0.6"></script>

```

Programmatically Configure Popups

1. Configure each popup programmatically thru a loop.

```

<script type="text/javascript">
$(document).ready(function () {
    // Loop Start
    $("#btnxxx").click(function () {
        $.fancybox.open(
            '<iframe src="http://manage.feedback180.com/c/xxx" name="top" id="survey1"
width="100%" height="100%" marginwidth="0" marginheight="0" hspace="0" vspace="0" frameborder="0"
scrolling="no" align="left" ></iframe>',
            {
                'autoScale': false,
                'autoDimensions': false,
                'autoSize': false,
                'width': '99%',
                'height': '99%',
                'padding': '0',
                'transitionIn': 'none',
                'transitionOut': 'none',
                'scrolling': 'no',
                'modal': true,
                'showCloseButton': true,
                afterShow: function () {
                    $('<.fancybox-skin>').append('<a title="Close" class="fancybox-item
fancybox-close" href="javascript:jQuery.fancybox.close();"></a>');
                }
            });
        });
    // Loop End
});
</script>

```

2. Replace the 'xxx' above with UniqueID that has been assigned.

Programmatically Configure Form Buttons

We presume there should be an existing loop thru creation of each rows. See updated info below in **bold**. Set form submit to return false & assign an ID to each button with its associated popup fancybox.

```

<tr><td valign="top" align="center" width="3%"><font class="hotlink_small">6 </font></td><td
valign="top" width="5%"><font face="tahoma" size="-1">1006122 </font></td><td valign="top"
width="20%"><font face="tahoma" size="-1">English 1 </font></td><td align="center" valign="top"
width="55%"><font face="tahoma" size="-1"></font><table width="100%" border="0" cellspacing="1"
cellpadding="2" align="center"><tbody><tr><td valign="top" align="center" width="5%"><font
face="tahoma" size="-1"> 1.</font></td><td valign="top" width="55%"><font face="tahoma" size="-1"> :
ArjanAllan Kongthai<br> (วัน: sec. 87 เวลา : -)<font></font></font></td><td width="30%" valign="top">
<font face="tahoma" size="-1"><form name="form1" onsubmit="return false;"><input type="hidden"
name="stdcode" value="5731601379"><input type="hidden" name="sections" value="87"><input
type="hidden" name="teacherid" value="48210023"><input type="hidden" name="thcode"
value="1006122"><input type="hidden" name="idd" value="3609900143689"><input type="hidden" name="p"
value="1"><input type="hidden" name="currentyear" value="1/2557"><input type="submit" name="Submit2"

```

```
value="ປະເມີນ ທຸກໆຊື່ (lecture/)" class="textbox" id="btnxxx"></form></font></td></tr><tr><td colspan="3" width="1" bgcolor="#999999"></td></tr></tr></tbody></table><font face="tahoma" size="-1"></font></td></tr>
```

Inter-Frame Communication

The following explains how to enable/disable feedback button upon student completing Feedback180 survey.

Presently, Feedback180 systems doesn't return a callback when survey has been completed. However, there is a workaround to accomplish similar result.

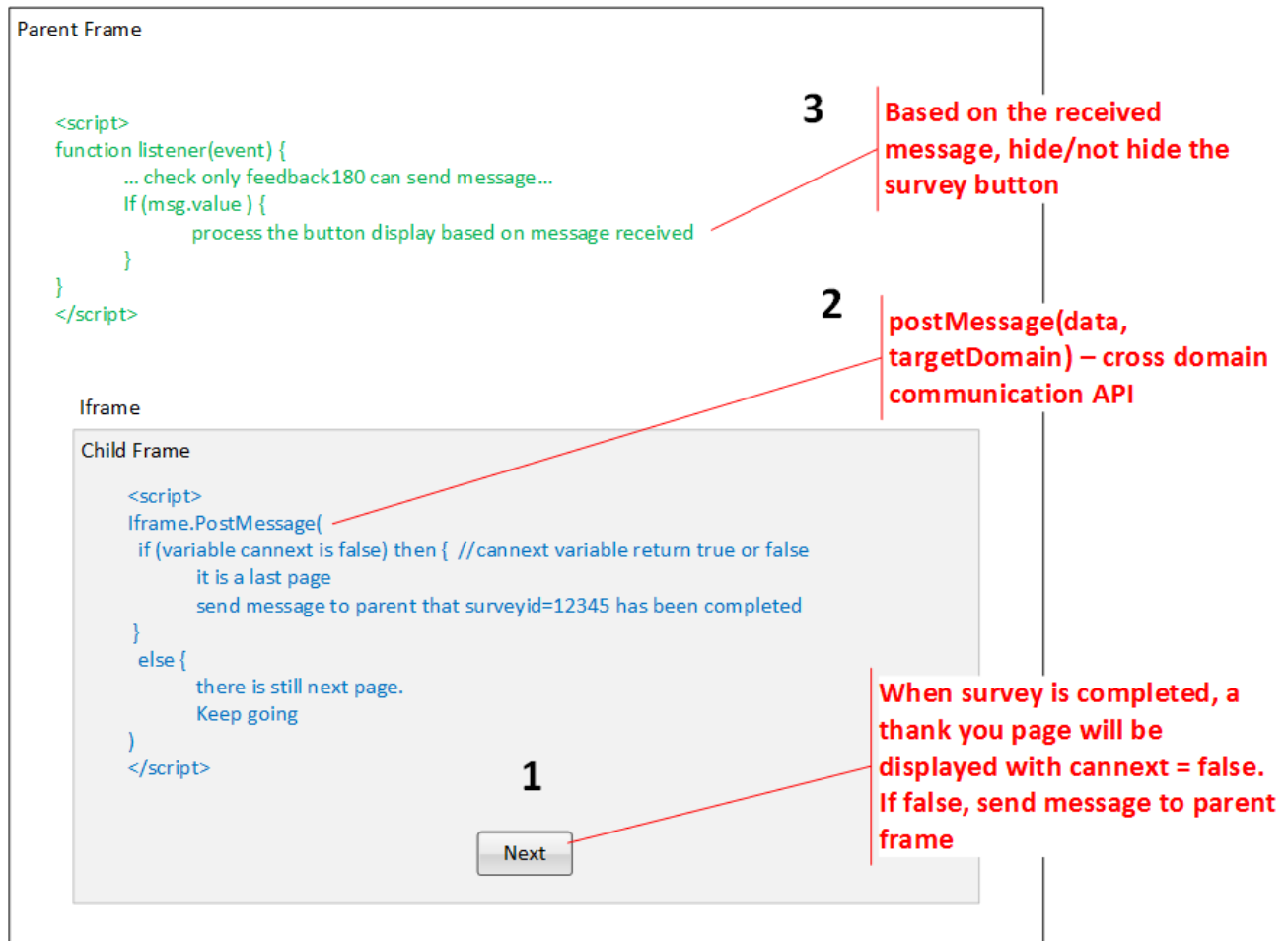


Figure 2: Inter-Frame Communication

1. Feedback180 Thank you page will return javascript variable **cannext** = false.
2. Set up condition when it is false to send PostMessage (javascript API) to notify parent frame that survey has been completed.
3. Set an event listener to message post from child frame. Validate message sent.

For more information about PostMessage API, read the following references: <https://developer.mozilla.org/en-US/docs/Web/API/window.postMessage> . This API has compatibility with at least IE8.

Operational Requirements

- Required development tools/platforms/SDK:
 - **Web:** ASP/ASP.Net MVC
 - **Web:** JQuery/ or other Javascript Libraries
 - **Web:** Pages are constructed using Responsive designs using same theme:
 - Major desktop browsers: IE 9+, Firefox 28+, Chrome 30+, Safari 6+
 - iOS (version 6+) & Android (version 4.2.2+) built-in browsers.
- All aspects of hostings hardware, database systems & email will reside in MFU network. Your system architecture should support the goal of 99% uptime.
- We're open for suggestions to better our products. Missing / incomplete features found can be added in your proposal.

Timeline & Budget

This project must be completed in 3 weeks and scheduled to be released by January 23rd 2015. Certain requirements may need to be released before 3 weeks timeline. Please provide sub-release schedules and costs & timeline with your proposal.

For questions & comments please send email to ming@feedback180.com , or skype: gsumarli.

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