Software Design Document

for

KTYS Student Portal

Version 1.0
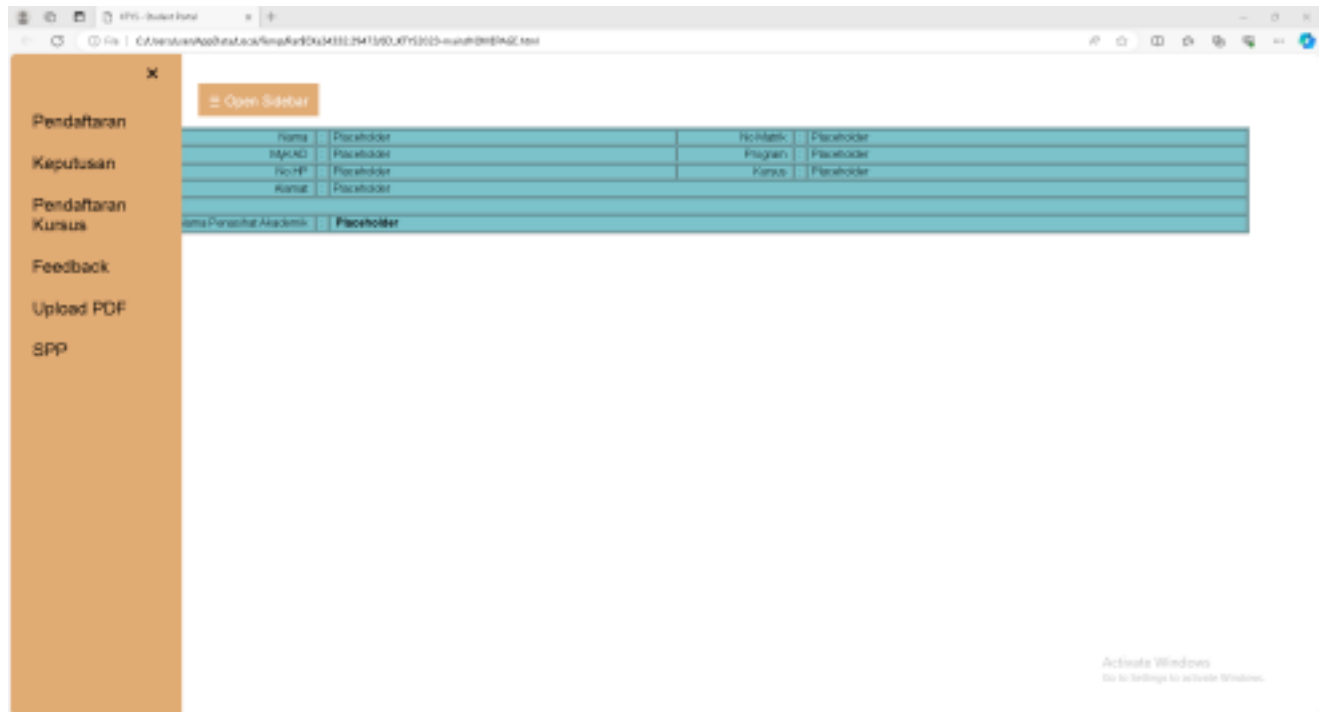
Prepared by <Dayzel, Irsyad and Eddie>

<19 October 2023>

KTYS Student Portal	Version 1.0
Software Design Document Template	Date 19 October 2023
<G02_37_PN_SDD>	

1. Introduction

1.1 Purpose

To add a "view transcript" feature so that students can view their past semesterresults.
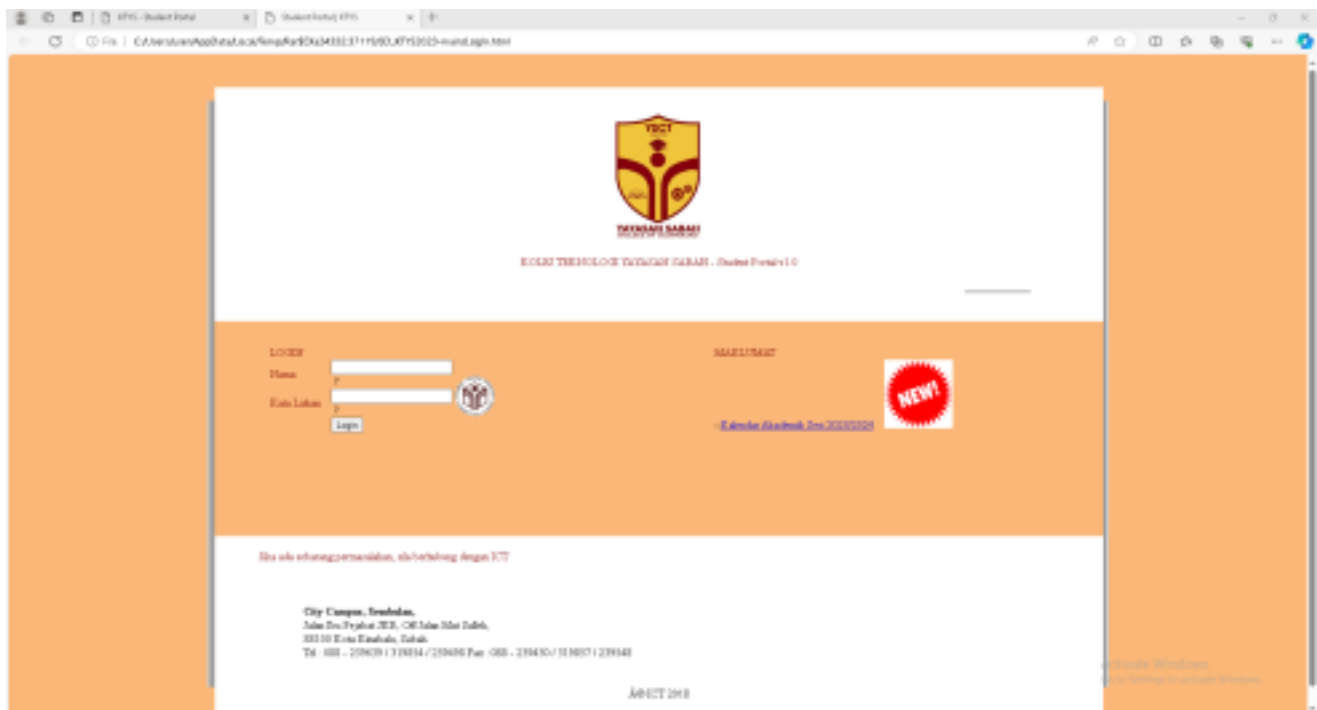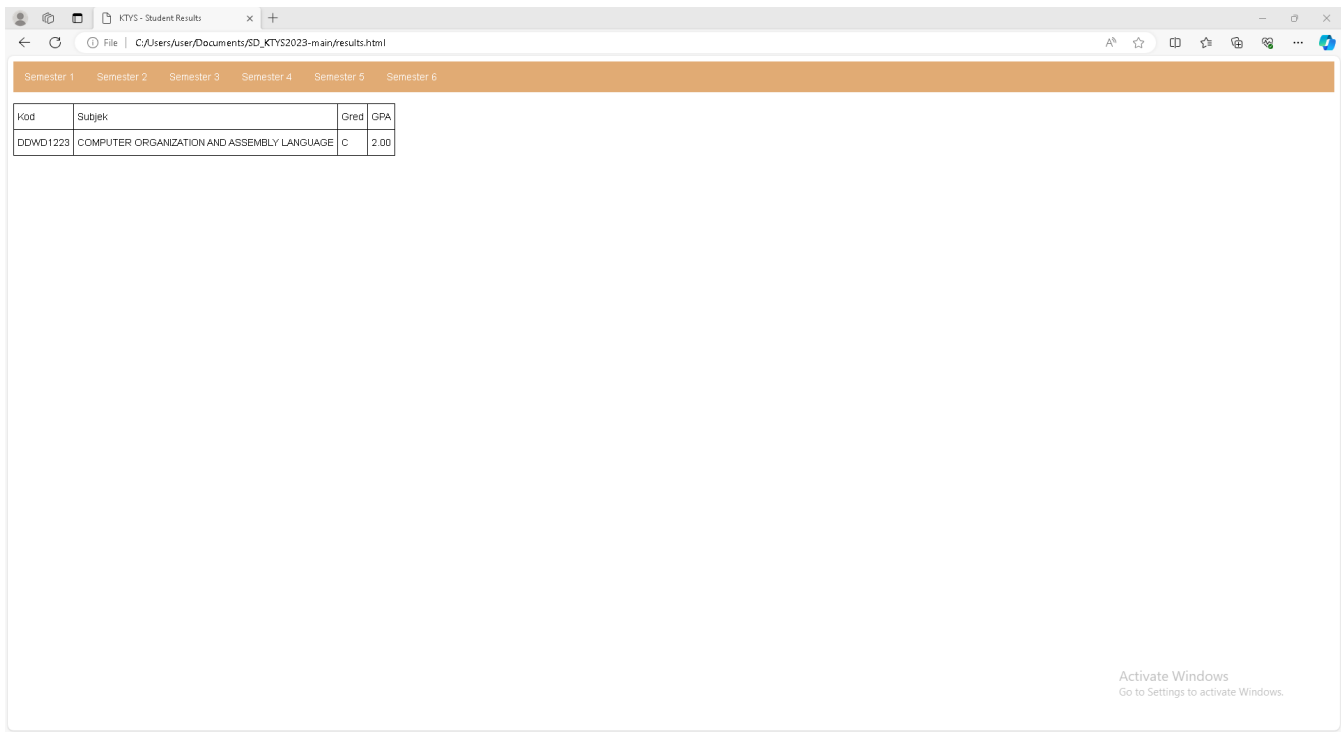
2. System Software 2.1 Homepage

.

2.2 Product Page

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2.3 Log in Page

2.4 View Result Page

Kod	Subjek	Gred	GPA
DDWD1223	COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE	C	2.00

Semester 1   Semester 2   Semester 3   Semester 4   Semester 5   Semester 6

2.5 Online form page

Borang Tarik Diri

Nama Penuh

No IC

Semester/Sesi

No Matrik

Program

No Telefon

E-mel

Keputusan Semasa:PNG

Keputusan Semasa:PNGK

Jumlah jam kredit yang telah didaftar semester ini

Gugur Kursus 1

Gugur Kursus 2

Gugur Kursus 3

Gugur Kursus 4

Jumlah baki jam kredit selepas membuat pindaan

Submit   Reset

2.6 Register subjects page
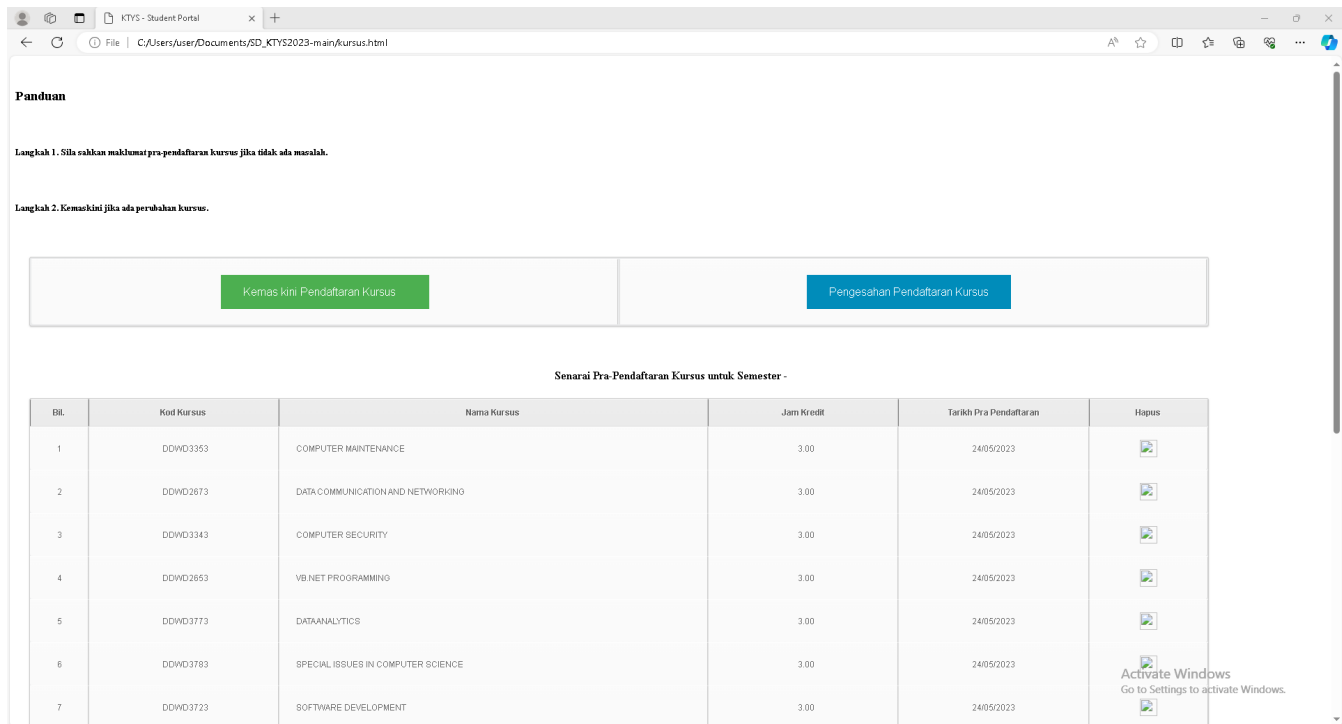
2.7 Source Code for All Files

https://github.com/eddieendy/SD_KTYS2023

3. Database

3.1 ER-Diagram for the Database

Write here.

3.2 Screenshot of Database

Write here.

3.2.1 User Table

Write here.

3.2.2 Product Table

<mark>Write here.</mark>

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3.2.3 Ticket Table

<mark>Write here.</mark>

3.3 SQL Statement for the Database / No-SQL Rules in Firebase

<mark>Write here.</mark>

4.Code

4.1 Subjects Registration Page

```javascript
        function viewNaik(a){
            $.colorbox({iframe:true, width:"55%", height:"55%", href: "page/jpk_naik.php?ic=" +get2D(a)});
        }

        function viewTamat(a){
            $.colorbox({iframe:true, width:"55%", height:"55%", href: "page/jpk_tamat.php?ic=" +get2D(a)});
        }

        function viewOnline(a){
            $.colorbox({iframe:true, width:"55%", height:"55%", href: "page/aca_online.php?ic=" +get2D(a)});
        }

        function viewSemuka(a){
            $.colorbox({iframe:true, width:"55%", height:"55%", href: "page/aca_semuka.php?ic=" +get2D(a)});
        }

        function viewStd(a){
            $.colorbox({iframe:true, width:"55%", height:"55%", href: "page/regsub.php?ic=" +get2D(a)});
        }

        function printSlip(a){
            $.colorbox({iframe:true, width:"85%", height:"85%", href: "page/exam_slip.php?ic=" +get2D(a)});
        }

        function printSlipKonvo(a){
            //alert(a);
            $.colorbox({iframe:true, width:"85%", height:"85%", href: "page/konvo_slip.php?ic=" +get2D(a)});
        }

        function printRegSlip(a){
            $.colorbox({iframe:true, width:"85%", height:"85%", href: "page/ls_reg.php?ic=" +get2D(a)});
        }

        function viewPra(a){
            $.colorbox({iframe:true, width:"65%", height:"65%", href: "page/regpra.php?ic=" +get2D(a)});
        }

        function delCourse_std(a){
            //alert(a);
            $.colorbox({iframe:true, width:"55%", height:"55%", href: "page/delcourse_std.php?id=" +a});
        }


        function openColorBox(){
    $.colorbox({
        href:"popup/popup.html",
        open:true,
        onComplete:function(){
            $('#cboxLoadedContent').click(function(){
                window.open('https://www.facebook.com/photo.php?fbid=2157667224346667&set=a.392994837480600&type=3&theater','_blank');
            })
        }
    });
        $.colorbox({iframe:true, width:"50%", height:"95%",title:"To close this dialog click <font style='color:red;'>X</font> icon at the right", href: "popup/popup.html"});
        }

        //setTimeout(openColorBox, 1000);


    </script>

    <script type="text/javascript">
    var popup;
    function ShowPopup(url) {
        popup = window.open(url, "Popup", "toolbar=no,scrollbars=no,location=no,statusbar=no,menubar=no,resizable=0,width=750,height=450,left = 490,top = 162");
        popup.focus();
    }
    </script>

    <!--inline styles related to this page-->
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8"><style type="text/css">.jqstooltip { position: absolute;left: 0px;top: 0px;visibility: hidden;background:
```

```
157
158   <script type="text/javascript">
159        var popup;
160        function ShowPopup(url) {
161            popup = window.open(url, "Popup", "toolbar=no,scrollbars=no,location=no,statusbar=no,menubar=no,resizable=0,width=1200,height=550,left = 290,top = 62");
162            popup.focus();
163        }
164   </script>
165
166
167
168   <style type="text/css">
169
170   table a:link {
171        color: #00F;
172        font-weight: bold;
173        text-decoration:none;
174   }
175   table a:visited {
176        color: #00F;
177        font-weight:bold;
178        text-decoration:none;
179   }
180   table a:active,
181   table a:hover {
182        color: #bd5a35;
183        text-decoration:underline;
184   }
185   table {
186        font-family:Arial, Helvetica, sans-serif;
187        color:#666;
188        font-size:12px;
189        text-shadow: 1px 1px 0px #fff;
190        background:#eaebec;
191        margin:20px;
192        border:#ccc 1px solid;
193
194        -moz-border-radius:3px;
195        -webkit-border-radius:3px;
196        border-radius:3px;
197
198        -moz-box-shadow: 0 1px 2px #d1d1d1;
199        -webkit-box-shadow: 0 1px 2px #d1d1d1;
200        box-shadow: 0 1px 2px #d1d1d1;
201   }
202   table th {
203        padding:11px 15px 12px 15px;
204        border-top:1px solid #fafafa;
205        border-bottom:1px solid #e0e0e0;
206
207        background: #ededed;
208        background: -webkit-gradient(linear, left top, left bottom, from(#ededed), to(#ebebeb));
209        background: -moz-linear-gradient(top,  #ededed,  #ebebeb);
210   }
211   table th:first-child {
212   /*  text-align: left;
213        padding-left:20px;*/
214   }
215   table tr:first-child th:first-child {
216        -moz-border-radius-topleft:3px;
217        -webkit-border-top-left-radius:3px;
218        border-top-left-radius:3px;
219   }
220   table tr:first-child th:last-child {
221        -moz-border-radius-topright:3px;
222        -webkit-border-top-right-radius:3px;
223        border-top-right-radius:3px;
224   }
225   table tr {
226        text-align: center;
227        padding-left:20px;
228   }
229   table td:first-child {
230        padding-left:20px;
231        border-left: 0;
```

```html
<h5>Langkah 1. Sila sahkan maklumat pra-pendaftaran kursus jika tidak ada masalah. </h5>

<br>

<h5>Langkah 2. Kemaskini jika ada perubahan kursus. </h5>
<br>
<table border="1" width="90%">
<tbody><tr>


<td width="30%"><div align="center"><button class="button" onclick="viewStd1(30510121433); return false;">Kemas kini Pendaftaran Kursus     </button></div> </td>

  <td width="30%"><div align="center"><button class="button button2" onclick="viewSah(30510121433); return false;">Pengesahan Pendaftaran Kursus <!----- Maintenance -----></button>    </div> </td>



</tr></tbody></table>



<br>

<div align="center"><h4>Senarai Pra-Pendaftaran Kursus untuk Semester  -  </h4></div>

<table width="90%" cellspacing="0" border="1" align="center">
<thead>
        <tr>
            <th width="2%" align="center">Bil.</th>
            <th width="8%" align="center">Kod Kursus</th>
            <th width="18%" align="center">Nama Kursus</th>
            <th width="8%" align="center">Jam Kredit</th>
            <th width="8%" align="center">Tarikh Pra Pendaftaran </th>
            <th class="center" width="5%">Hapus</th>
        </tr>
</thead>


<tbody>



        <tr>
            <td align="center">
                1          </td>



            <td align="center">  DDW03353</td>

            <td align="left">  COMPUTER MAINTENANCE </td>


            <td align="center">  
                3.00          </td>

<td align="center">24/05/2023




    </td><td align="center">
    <a href="#" onclick="delPra_std(14480); return false;"><img src="img/delete.gif" width="25" height="25"></a>

            </td>
        </tr>
</tbody>
<tbody>



        <tr>
            <td align="center">
                2          </td>
```

4.2 Homepage

```
215
216
217    </script>
218
219    <script type="text/javascript">
220        var popup;
221        function ShowPopup(url) {
222            popup = window.open(url, "Popup", "toolbar=no,scrollbars=no,location=no,statusbar=no,menubar=no,resizable=0,width=750,height=450,left = 490,top = 162");
223            popup.focus();
224        }
225    </script>
226
227    <style>
228    table { background-color:7BC2CA; }
229    tr { background-color: 7BC2CA; }
230    td { background-color: 7BC2CA; }
231
232    </style>
233
234
235
236    <br>
237    <body>
238    <div id="mySidebar" class="sidebar">
239        <a href="javascript:void(0)" class="closebtn" onclick="closeNav()">×</a>
240        <p><a href="file:///C:/xampp/htdocs/web/pendaftaran.html">Pendaftaran</a></p>
241        <p><a href="file:///C:/xampp/htdocs/web/kursus.html">Pendaftaran Kursus</a></p>
242        <p><a href="file:///C:/xampp/htdocs/web/feedback.html">Feedback</a></p>
243        <p><a href="file:///C:/xampp/htdocs/web/PDFupload.html">Upload PDF</a></p>
244        <p><a href="file:///C:/xampp/htdocs/web/SPP.html">SPP</a></p>
245        <p><a href= "file:///C:/xampp/htdocs/web/e-borang.html">E-Borang</a></p>
246    </div>
247
248    <div id="main">
249        <button class="openbtn" onclick="openNav()">☰ Open Sidebar</button>
250
251    </div>
252
253    <div align="center">
254    <table width="90%" border="1" class="contents">
255        <tbody><tr class="contents">
256            <td align="right" width="20%">Nama  </td>
257            <td align="center" width="1%">:</td>
258            <td align="left" width="30%">  DAYSEL LIEW YUE FAN</td>
259            <td align="right" width="10%">No Matrik  </td>
260            <td align="center" width="1%">:</td>
261            <td align="left" width="40%">   KYS211DDWD0009</td>
262        </tr>
263        <tr class="contents">
264            <td align="right">MyKAD  </td>
265            <td align="center">:</td>
266            <td align="left">  030510121433</td>
267            <td align="right">Program  </td>
268            <td align="center">:</td>
269            <td align="left">  
270            UTM FRANCHISE PROGRAMS</td>
271        </tr>
272        <tr class="contents">
273            <td align="right">No.HP  </td>
274            <td align="center">:</td>
275            <td align="left">  
276            0168864416  </td>
277            <td align="right">Kursus  </td>
278            <td align="center">:</td>
279            <td align="left">  
280            DIPLOMA SAINS KOMPUTER

281
282            </td>
283        </tr>
284        <tr class="contents">
285            <td align="right" valign="top">Alamat  </td>
286            <td align="center" valign="top">:</td>
287            <td align="left" colspan="4">  KAMPUNG TULUNG INOBONG PETI SURAT 77   89507 PNG         SBH  </td>
288        </tr>
```

```html
<script>

function func_check_form() {
        if ((document.getElementById('txtRaptai').checked) && (document.getElementById('txtKonvo').checked) && (document.getElementById('txtPeraturan').checked)) {
                document.form1.submit();
                return true;
        } else {
                alert("Sila tandakan / untuk mengesahkan keterangan anda");
                document.getElementById("txtRaptai").focus();
        }
}

</script>

<link rel="stylesheet" href="css/colorbox.css">

<script>

function chStd( num ) {
        if( num.toString().length == 11 ) // Integer of less than two digits
            return "0" + num; // Prepend a zero!
        else if( num.toString().length == 10 ) // Integer of less than two digits
            return "00" + num; // Prepend a zero!
        else if( num.toString().length == 9 ) // Integer of less than two digits
            return "000" + num; // Prepend a zero!
        return num.toString(); // return string for consistency
}

</script>

<script src="js/box.jquery.min.js"></script>
<script src="js/jquery.colorbox.js"></script>
<script>
        function openColorBox(){
            $.colorbox({iframe:true, width:"95%", height:"95%", href: "peraturan.html"});
        }

        function upDoc(){
            $.colorbox({iframe:true, width:"55%", height:"55%", href: "upload/index.php"});
        }

        function upBKSA(a){
            $.colorbox({iframe:true, width:"95%", height:"98%", href: "../../tracer/index.php?ic=" +chStd(a)});
        }

        function sahPelajar2(){
            $.colorbox({iframe:true, width:"55%", height:"55%", href: "page/jpak_sah.php?id=" +chStd(a)});
        }

        function courseUpload(a){
            //alert(a);
            $.colorbox({iframe:true, width:"65%", height:"90%", href: "course_upload/index.php?id=" +a});
        }

        function sahKonvo(a){
            //alert(a);
            $.colorbox({iframe:true, width:"55%", height:"55%", href: "page/sah_konvo.php?id=" +get2D(a)});
        }
        //setTimeout(openColorBox, 1000);
</script>

        <script src="js/jquery.min.js"></script>

        <script type="text/javascript">
            window.jQuery || document.write("<script src='js/jquery-2.0.3.min.js'>"+"<"+"/script>");
        </script>

        <!--<![endif]-->

        <!--[if IE]>
    <script type="text/javascript">
```

4.3 Login Page

```html
1   <!DOCTYPE html>
2   <html xmlns="http://www.w3.org/1999/xhtml"><head>
3   <meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
4   <title>Student Portal | KTYS</title>
5   <link href="css/style.css" rel="stylesheet" type="text/css">
6   <script src="SpryAssets/SpryValidationTextField.js" type="text/javascript"></script>
7   <link href="SpryAssets/SpryValidationTextField.css" rel="stylesheet" type="text/css">
8   <link rel="stylesheet" href="css/colorbox.css">
9
10      <script src="js/jquery.js"></script>
11      <script src="js/jquery.colorbox-min.js"></script>
12      <script src="js/jquery.colorbox.js"></script>
13      <script>
14          function openColorBox(){
15  $.colorbox({
16      href:"popup/popup.jpg",
17      open:true,
18      onComplete:function(){
19          $('#cboxLoadedContent').click(function(){
20              window.open('https://www.facebook.com/photo.php?fbid=2157667324246667&set=a.392994837480600&type=3&theater','_blank');
21          })
22      }
23  });
24      <!--window.location.replace('https://www.facebook.com/photo.php?fbid=2157667324246667&set=a.392994837480600&type=3&theater','_blank');-->
25          $.colorbox({iframe:true, width:"70%", height:"98%",title:"To close this dialog click <font style='color:red;'>X</font> icon at the right", href: "popup/popup.jpg"});
26          }
27          //enable popup - 26022020
28          //setTimeout(openColorBox, 1000);
29      </script>
30
31  </head>
32
33
34  <!--<body bgcolor="#003366" class="Jenis_Tulisan">-->
35  <body bgcolor="FBB777" class="Jenis_Tulisan">
36  <table width="70%" border="0" cellspacing="0" cellpadding="0" align="center">
37      <tbody><tr bgcolor="FBB777">
38          <td width="0.1%"> </td>
39          <td width="0.5%"> </td>
40
41          <td width="150.5%"> </td>
42          <td width="0.1%"> </td>
43      </tr>
44      <tr bgcolor="FBB777">
45          <td> </td>
46          <td> </td>
47          <td> </td>
48          <td> </td>
49          <td> </td>
50      </tr>
51      <tr bgcolor="FBB777">
52          <td> </td>
53          <td> </td>
54          <td bgcolor="#FFFFFF" align="center"></td>
55          <td> </td>
56          <td> </td>
57      </tr>
58      <tr>
59          <td bgcolor="#CCCCCC"> </td>
60          <td bgcolor="#999999"> </td>
61          <td bgcolor="#FFFFFF" align="center"><img src="KTYSLOGO.png"></td>
62          <td bgcolor="#999999"> </td>
63          <td bgcolor="#CCCCCC"> </td>
64      </tr>
65      <tr>
66          <td bgcolor="#CCCCCC"></td>
67          <td bgcolor="#999999"> </td>
68          <td bgcolor="#FFFFFF" class="Biru_Bold_Shadow">
69          <div align="center"><p style="color:#880808;">KOLEJ TEKNOLOGI YAYASAN SABAH - Student Portal v1.0</div>
70          <marquee>             </marquee></td>
71          <td bgcolor="#999999"> </td>
72          <td bgcolor="#CCCCCC"> </td>
73      </tr>
74      <tr>
75          <td bgcolor="#CCCCCC"> </td>
```

```html
        <td bgcolor="#CCCCCC"> </td>
      </tr>
      <tr>
        <td bgcolor="#CCCCCC"> </td>
        <td bgcolor="#999999"> </td>
        <td bgcolor="#FFFFFF"><table width="100%" border="0" cellspacing="0" cellpadding="0" bgcolor="#BB7777">
          <tbody><tr>
            <td width="50%" valign="top"><table width="80%" border="0" cellspacing="0" cellpadding="0" align="center" class="Box">
              <tbody><tr>
                <td><br>
                  <fieldset style="border:none">
                  <legend class="Biru_Bold_Shadow"><p style="color:#880808;">LOGIN</legend>
                  <br>
                  <table width="100%" border="0" cellspacing="0" cellpadding="0">
                    <tbody><tr>
                      <td><form id="form1" name="form1" method="POST" action="process.php?action=login">
                          <table width="100%" border="0" cellspacing="0" cellpadding="0" height="75">
                            <tbody><tr>
                              <td width="30%"><p style="color:#880808;">No Matrik</td>
                              <td width="50%"><span id="sprytextfield1">
                                <input name="txtUser" type="text" size="20" maxlength="50" autocomplete="off">
                                <span class="textfieldRequiredMsg">  ?  </span></span></td>
                              <td width="20%" rowspan="3" align="center"><img src="KTYS.png" width="62" height="62"></td>
                            </tr>
                            <tr>
                              <td><p style="color:#880808;">Kata Laluan</td>
                              <td><span id="sprytextfield2">
                                <input name="txtPass" type="password" size="20" maxlength="50" autocomplete="off">
                                <span class="textfieldRequiredMsg">  ?  </span></span></td>
                            </tr>
                            <tr>
                              <td> </td>
                              <td><input name="Submit" type="submit" value="Login"></td>
                            </tr>
                          </tbody></table>
                        </form></td>
                    </tr>
                    <tr>
                      <td> </td>
                    </tr>
                    <tr>
                      <td align="center"><!--<a href="#">Lupa Kata Laluan?</a>--></td>
                    </tr>
                  </tbody></table>
                  </fieldset></td>
              </tr>
            </tbody></table></td>

            <td width="50%" valign="top"><table width="80%" border="0" cellspacing="0" cellpadding="0" align="center" class="Box">
              <tbody><tr>
                <td><br>
                  <fieldset style="border:none">
                  <legend class="Biru_Bold_Shadow"><p style="color:#880808;">MAKLUMAT</legend>
                  <br>
                  <table width="100%" border="0" cellspacing="0" cellpadding="0">

                    <tbody><tr>
                      <td>-</td>
                      <td><a href="sys/doc/KALANDER AKADEMIK PROGRAM DALAMAN KTYS &amp; PROGRAM KERJASAMA KTYS - UNIMEL BAGI SESI 2023_2024.pdf">Kalendar Akademik Sesi 2023/2024</a>    <img src="new.png" width="100" height="100"></td>
                      <td> </td>
                    </tr>
                    <tr>
                      <td colspan="3"> </td>
                    </tr>
                    <tr>
                      <td colspan="3"> </td>
                    </tr>
                    <tr>
                      <td colspan="3"> </td>
                    </tr>
```

```html
      </tbody></table></td>
    <td bgcolor="#999999"> </td>
    <td bgcolor="#CCCCCC"> </td>
  </tr>
  <tr>
    <td bgcolor="#CCCCCC"> </td>
    <td bgcolor="#999999"> </td>
    <td bgcolor="#FFFFFF"> </td>
    <td bgcolor="#999999"> </td>
    <td bgcolor="#CCCCCC"> </td>
  </tr>
  <tr>
    <td bgcolor="#CCCCCC"> </td>
    <td bgcolor="#999999"> </td>
    <td bgcolor="#FFFFFF" align="center"><table width="90%" border="0" cellspacing="0" cellpadding="0">
      <tbody><tr class="Biru_Sahaja">
        <td><p style="color:#880808;">Jika ada sebarang permasalahan, sila berhubung dengan ICT<br><br>
    <br>
          </p>
        </td>
      </tr>
    </tbody></table></td>
    <td bgcolor="#999999"> </td>
    <td bgcolor="#CCCCCC"> </td>
  </tr>
  <tr>
    <td bgcolor="#CCCCCC"> </td>
    <td bgcolor="#999999"> </td>
    <td bgcolor="#FFFFFF"> </td>
    <td bgcolor="#999999"> </td>
    <td bgcolor="#CCCCCC"> </td>
  </tr>
  <tr>
    <td bgcolor="#CCCCCC"> </td>
    <td bgcolor="#999999"> </td>
    <td bgcolor="#FFFFFF" valign="top"><table width="100%" border="0" cellspacing="0" cellpadding="0">
      <tbody><tr>
        <td width="50%" valign="top"><table width="80%" border="0" cellspacing="0" cellpadding="0" align="center">
          <tbody><tr>
            <td><strong>City Campus, Sembulan,</strong><br>
            Jalan Ibu Pejabat JKR, Off Jalan Hat Salleh,<br>
            88100 Kota Kinabalu, Sabah.<br>
            Tel : 088 - 239639 / 319854 / 239498 Fax : 088 - 239430 / 319857 / 239548</td>
          </tr>
        </tbody></table>
        <br>
        </td>

      </tr>
    </tbody></table></td>
    <td bgcolor="#999999"> </td>
    <td bgcolor="#CCCCCC"> </td>
  </tr>
  <tr>
    <td bgcolor="#CCCCCC"> </td>
    <td bgcolor="#999999"> </td>
    <td bgcolor="#FFFFFF"> </td>
    <td bgcolor="#999999"> </td>
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