CS17B
Survey Engin Project

YATING GE
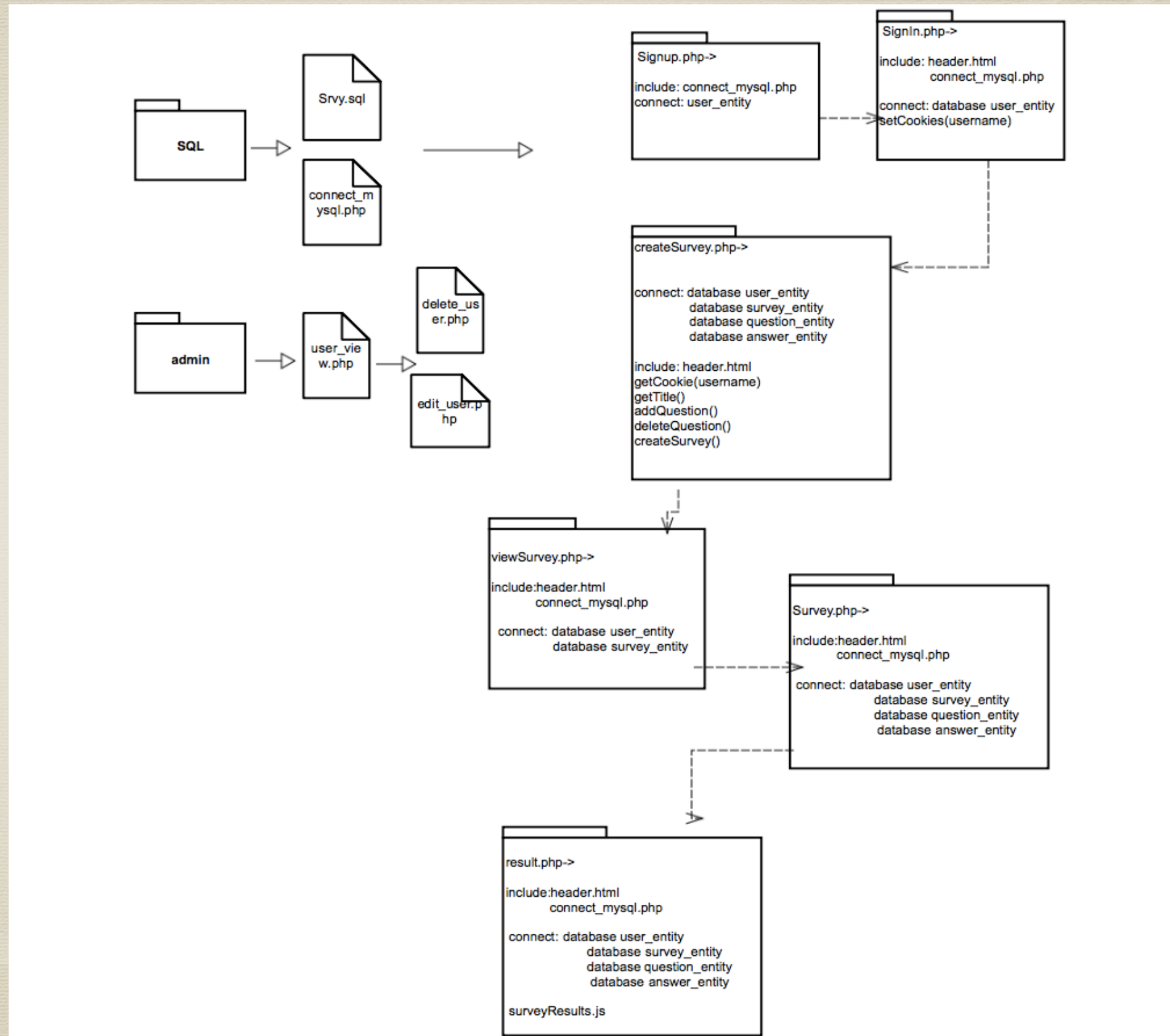### 2017 FALL

Git-hub links:

* https://github.com/yatingge/Yatingge_CIS_17b_Fall2017/tree/master/SrvyProj8

Diagram-UML
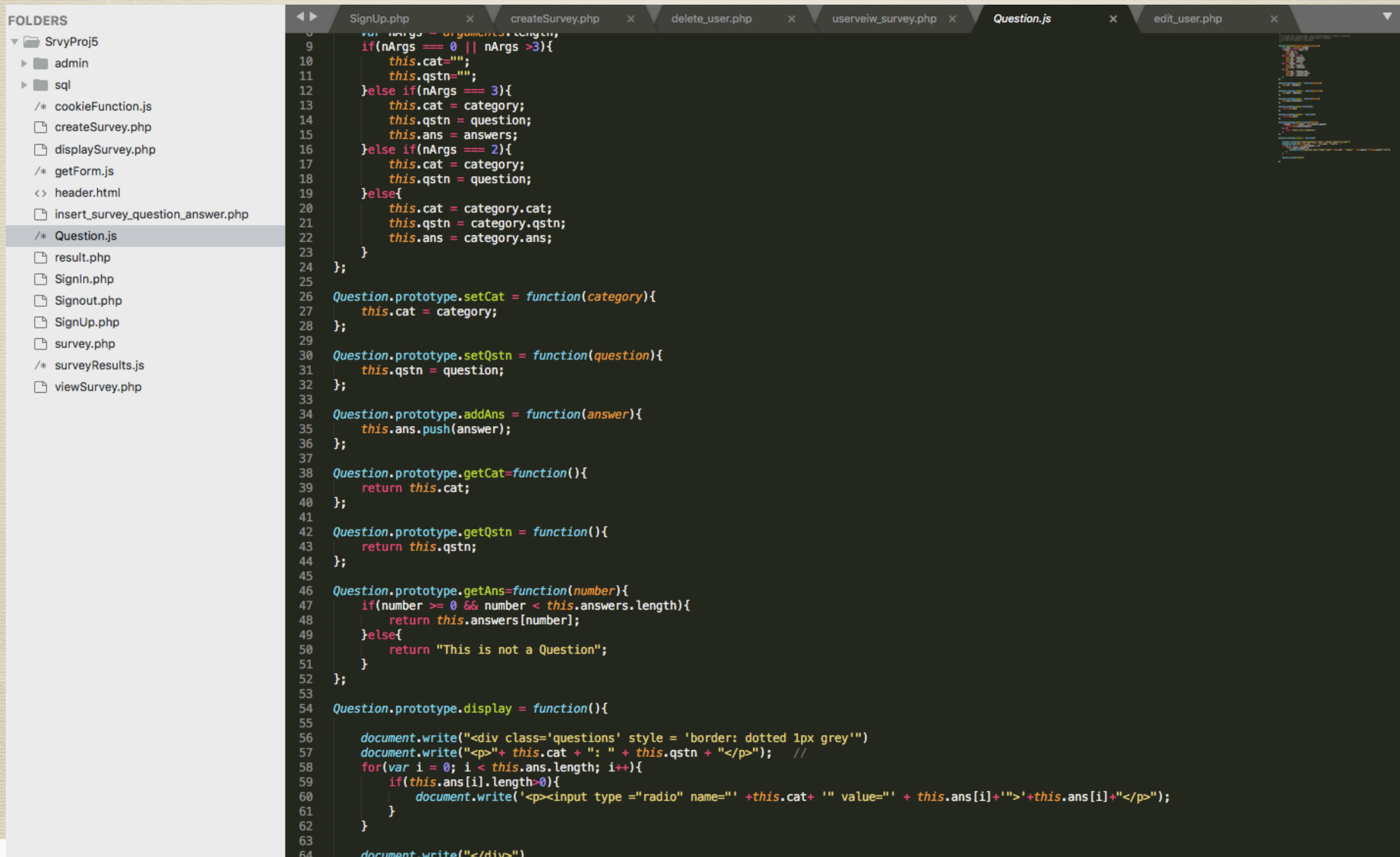
File list

* **admin**/ delete_user.php & edit_user.php &userview_survey.php

* **sql**/ connect_mysql.php & Srvy.sql

* **javascript**: cookieFunction.js & getForm.js & Question.js &surveyResults.js

* **php**: SignUp.php & SignIn.php & SignOut.php &createSurvey.php & displaySurvey.php & viewSurvey.php & survey.php & result.php &insert_survey_question_answer.php

* **html**: header.html

1)MVC - How you delineated your objects

2)Objects - Javascript/PHP - Serialization Passing info with Javascript Objects to PHP Objects with Cookies

pass through cookies

```javascript
function setCookie(cname, cvalue, exdays) {
    var d = new Date();
    d.setTime(d.getTime() + (exdays * 24 * 60 * 60 * 1000));
    var expires = "expires="+d.toUTCString();
    document.cookie = cname + "=" + cvalue + ";" + expires + ";path=/";
}

function getCookie(cname) {
    var name = cname + "=";
    var ca = document.cookie.split(';');
    for(var i = 0; i < ca.length; i++) {
        var c = ca[i];
        while (c.charAt(0) == ' ') {
            c = c.substring(1);
        }
        if (c.indexOf(name) == 0) {
            return c.substring(name.length, c.length);
        }
    }
    return "";
}

function checkCookie(cname) {
    var value = getCookie(cname);
    if (value != "") {
        alert("Cookie Name = " + cname + "Value = " + value);
    } else {
        value = prompt("Please enter your cookie :"+cname+" Value", "");
        if (value != "" && value != null) {
            setCookie(cname, value, 365);
        }
    }
}
```

```php
<head>
    <title>Direct to Your Survey!</title>
    <script type="text/javascript" src="cookieFunction.js"></script>

<?php

include "sql/connect_mysql.php";
include "header.html";
echo "<br><br><br>";
if(isset($_COOKIE['username'])){
    $username = $_COOKIE['username'];
    echo '<p>Survey Creator: '.$username.'<br>';
}

$sql = "SELECT id_user FROM user_entity WHERE username = '" . $username . "'";
$result = $conn->query($sql);
$row = $result->fetch_assoc();

$id_user = $row['id_user'];


$sql = "SELECT title,id_survey
FROM survey_entity
WHERE id_user = '".$id_user."'";

$result = $conn->query($sql);

if ($result->num_rows > 0) {
    echo "Survey Created: <br>";
    while($row = $result->fetch_assoc() ){
    echo "<a href='survey.php?".$row['title']."'>".$row['title']. "</p>";
    }
}
```

3) Reading/Writing Files/Local Storage
JSON - Javascript

reading files

```html
<head>
    <meta charset="UTF-8">
    <title>Delete User Account!</title>
</head>
<body>
    <?php
    // put your code here

    include '../sql/connect_mysql.php';

    $url = $_SERVER['REQUEST_URI'];

    $username = parse_url($url, PHP_URL_QUERY);
```

Local Storage/JSon

```
SignUp.php    createSurvey.php    delete_user.php    Question.js    userveiw_survey.php    edit_user.

117
118    // var title = document.getElementById('title').value;
119    var newQuestion = new Question($_GET["Number"], $_GET["Question"], answers);
120    len = $_GET["Number"];
121    localStorage.setItem(len, JSON.stringify(newQuestion));
122    localStorage.setItem("len", len);
123    for (var i = 1; i <= len; i++) {
124        var temp = localStorage.getItem(i);
125        var question = new Question(JSON.parse(temp));
126        question.display();
127        document.write('<button id="btn'+i+ '"' + 'onclick="deleteFunction(\'' + i + '\')">Delete</button>');
128    }
129
130    if(len>0) {
131        document.getElementById("titlename").innerHTML = "Survey Name: " + localStorage.getItem("title");
132    }
133
134
135    function deleteFunction(num){
136        localStorage.removeItem(num);
137        document.getElementById("btn"+num).innerHTML = "Already deleted!";
138        document.getElementById("btn"+num).style.color = "red";
139
140    }
141
142
143    // store information in the cookies
144    function createSurvey(){
145
146        if(getCookie("username")){
147            var newlen = 0;
148            for (var i = 1; i <= len; i++) {
149                var string_question = localStorage.getItem(i);
150                if(string_question == null) {
151                    continue;
152                } else {
153                    newlen++;
154                    localStorage.setItem(newlen, string_question);
155                }
156            }
157            localStorage.setItem("len", newlen);
158            len = newlen;
159            for (var i = 1; i <= len; i++) {
160                var string_question = localStorage.getItem(i);
161                setCookie("question" + i, string_question, 1);
162            }
163            var string_title = localStorage.getItem("title");
164            setCookie("title",string_title, 1);
165
166            setCookie("len", len, 1);
167
168            window.location.assign("displaySurvey.php");
169        }else{
170            document.getElementById("error").innerHTML = "You have to sign in before creating any survey";
171        }
172
```

4) Databases SQL - Identify Entities, Xref, and Enum Tables

5) Form Validation - Regular Expressions

```php
 79              }
 80          }
 81      ?>
 82
 83      <form class="form" action="SignUp.php" method="post" enctype="multipart/form-data" autocomplete="off">
 84          <b>User Name:</b>
 85              <p><input type="text" placeholder="User Name" name="username" required
 86                      pattern="[a-zA-Z0-9]{2,15}"/>
 87              <span>Note:only enter characters and numbers</span>
 88              <span style="color:red"><?php echo $usernameErr; ?></span></p>
 89
 90          <b>Email: </b>
 91              <p><input type="email" placeholder="Email" name="email" required
 92                      pattern="(\w+@[a-zA-Z_]+?\.[a-zA-Z]{2,6})"
 93                      title="valid email address"/>
 94              <span style="color:red"><?php echo $emailErr; ?></span></p>
 95
 96          <b>Password: </b>
 97              <p><input type="password" placeholder="Password" name="password1" required
 98                      pattern="((?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{8,15})"
 99                      title="8 to 15 characters,with at least one uppercase letter, one lowercase letter, and one digit"/>
100              <span>Note: 8 to 15 characters,with at least one uppercase letter, one lowercase letter, and one digit</span
                  ></p>
101
102          <b>Confirm Password:</b>
103              <p><input type="password" placeholder="Comfirm Password" name="password2" required/>
104              <span style="color:red"><?php echo $passwordErr; ?></span></p>
105
106          <input type="submit" value="Register" name="register" />
107
108
109          </form>
110
111          </body>
112          </html>
```
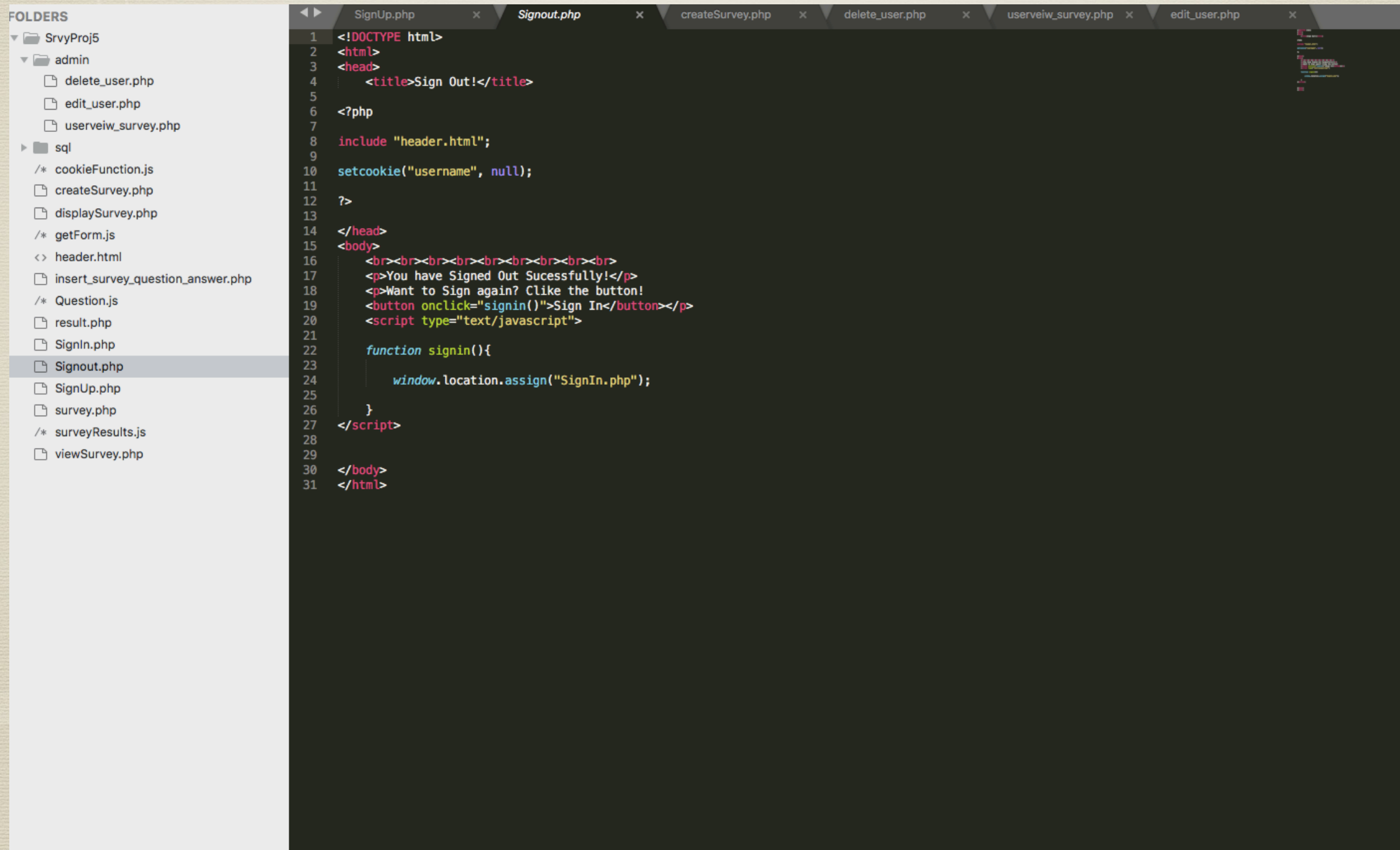
SignIn.php
Signout.php
SignUp.php
survey.php
/* surveyResults.js
viewSurvey.php

patter: regular expressions

6) User-Admin-Login

Admin/
SignIn/
SignUp/
SignOut

- SrvyProj5
  - admin
    - delete_user.php
    - edit_user.php
    - userveiw_survey.php
  - sql
  - /* cookieFunction.js
  - createSurvey.php
  - displaySurvey.php
  - /* getForm.js
  - <> header.html
  - insert_survey_question_answer.php
  - /* Question.js
  - result.php
  - SignIn.php
  - Signout.php
  - SignUp.php
  - survey.php
  - /* surveyResults.js
  - viewSurvey.php

Tabs: SignUp.php | **SignIn.php** | createSurvey.php | delete_user.php | userveiw_survey.php | edit_user.php

```php
    <?php
include 'sql/connect_mysql.php';
include 'header.html';

//check whether username and password have been registed!
$email_Err = "";
$pswd_Err = " ";
if (isset($_POST['userInput']) && isset($_POST['passwordInput'])) {
    $username = mysqli_real_escape_string($conn, $_POST['userInput']);
    $sql = "SELECT id_user, username, email, password FROM user_entity WHERE username = '" . $username . "'";
    $result = $conn->query($sql);
    $row = $result->fetch_assoc();
    $pswd = mysqli_real_escape_string($conn, $_POST['passwordInput']);

    if ($username != $row['username']) {
        $email_Err = "<p>your username is incorrect. please check them and try again!<br></p>";
    } elseif ($pswd != $row['password']) {
        $pswd_Err = "<p>your password is incorrect. please check them and try again!</p><br>";
    } else {
      echo "<script>localStorage.removeItem('title');</script>";
        echo "<script> window.location.assign('createSurvey.php?userInput=" . $username . "'" . "); </script>";
    }
}

    setcookie("username", $username,time()+3600);


?>



<body>
  <div class="center">
    <h1>Sign into your account!</h1>

    <form action ="" method="POST">
        <h4>Enter your username:<input type ="text"
                                 placeholder= "username"
                                 name="userInput"
                                 pattern="[a-zA-Z0-9]{2,15}"
                                 size="15"
                                 title="Username should only contain characters and numbers"

                                 required
                                 ><?php echo "<span style = 'color:red'>" . $email_Err . "</span>" ?></h4>


        <h4>Enter your password:<input type ="password"
                                 placeholder="password"
                                 name="passwordInput"
                                 size ="15"
                                 pattern="((?=.*\d)(?=.*[a-z])(?=.*[A-Z]).{8,15})"
                                 title="8 to 15 characters,with at least one uppercase letter, one lowercase letter, and one digit"
                                 required
                                 ><?php echo "<span style = 'color:red'>" . $pswd_Err . "</span>" ?></h4>
```

7) Cookies - Sessions - Securing Pages

SignUp.php   ×   **Signout.php**   ×   createSurvey.php   ×   delete_user.php   ×   userveiw_survey.php   ×   edit_user.php   ×

▼ 📁 SrvyProj5
   ▼ 📁 admin
     📄 delete_user.php
     📄 edit_user.php
     📄 userveiw_survey.php
   ▶ 📁 sql
   /∗ cookieFunction.js
   📄 createSurvey.php
   📄 displaySurvey.php
   /∗ getForm.js
   <> header.html
   📄 insert_survey_question_answer.php
   /∗ Question.js
   📄 result.php
   📄 SignIn.php
   📄 Signout.php
   📄 SignUp.php
   📄 survey.php
   /∗ surveyResults.js
   📄 viewSurvey.php

```php
1   <!DOCTYPE html>
2   <html>
3   <head>
4       <title>Sign Out!</title>
5
6   <?php
7
8   include "header.html";
9
10  setcookie("username", null);
11
12  ?>
13
14  </head>
15  <body>
16      <br><br><br><br><br><br><br><br>
17      <p>You have Signed Out Sucessfully!</p>
18      <p>Want to Sign again? Clike the button!
19      <button onclick="signin()">Sign In</button></p>
20      <script type="text/javascript">
21
22      function signin(){
23
24          window.location.assign("SignIn.php");
25
26      }
27  </script>
28
29
30  </body>
31  </html>
```

Display: Sign up

Survey Engin

***** ***** ***** ***** *****

***** ***** ***** ***** *****

User Name:

| final | Note:only enter characters and numbers

Email:

| final@example.com |

Password:

| •••••••• | Note: 8 to 15 characters,with at least one uppercase letter, one lowercase letter, and one digit

Confirm Password:

| •••••••• |

| Register |

Display:Registered

***** ***** ***** ***** *****

***** ***** ***** ***** *****

New record created successfully

Register successfully!You will be redirected to a new page in 5 seconds!

User Name:

| User Name | Note:only enter characters and numbers

Email:

| Email |

Password:

| Password | Note: 8 to 15 characters,with at least one uppercase letter, one lowercase letter, and one digit

Confirm Password:

| Comfirm Password |

| Register |

Display: Sign In

Sign into your account!

Enter your username: final

Enter your password: ••••••••

Sign In

Don't have an account? Sign Up!(Click for sign up)

Display: Start to create survey after signed into

Survey Engin

Welcome final!

[View your created Survey!](#)

Sign Out | Sign In

Create Your Own Survey!

Please enter your survey title: [_____]

Submit title

Question Number: [_____] Note:only enter digit numbers.

Question: [_____]

Answer1: [_____]

Answer2: [_____]

Answer3: [_____]

Answer4: [_____]

Answer5: [_____]

Add New Question

Create Survey

Display: add title and question and answer

Welcome final!

View your created Survey!

[Sign Out] [Sign In]

Create Your Own Survey!

Please enter your survey title: [fruit]

[Submit title]

Question Number: [1]   Note:only enter digit numbers.

Question: [what is your favorite fruit?]

Answer1: [apple]

Answer2: [orange]

Answer3: [banana]

Answer4: [pear]

Answer5: [others]

[Add New Question]

[Create Survey]

Display: click button-add new question

View your created Survey!

[Sign Out] [Sign In]

Create Your Own Survey!

Please enter your survey title: [   ]

[Submit title]

Survey Name: fruit

Question Number: [   ]   Note:only enter digit numbers.

Question: [   ]

Answer1: [   ]

Answer2: [   ]

Answer3: [   ]

Answer4: [   ]

Answer5: [   ]

[Add New Question]

[Create Survey]

1: what is your favorite fruit?

○ apple

○ orange

○ banana

○ pear

○ others

[Delete]

Display: add more questions

Question Number: [   ]   Note:only enter digit numbers.

Question: [   ]

Answer1: [   ]

Answer2: [   ]

Answer3: [   ]

Answer4: [   ]

Answer5: [   ]

[Add New Question]

[Create Survey]

1: what is your favorite fruit?

○ apple

○ orange

○ banana

○ pear

○ others

[Delete]

2: what is your most dislike fruit?

○ watermelon

○ mango

○ strawberry

○ red dates

○ others

Display: delete questions by click delete button

Question:

Answer1:

Answer2:

Answer3:

Answer4:

Answer5:

[Add New Question]

[Create Survey]

1: what is your favorite fruit?

○ apple

○ orange

○ banana

○ pear

○ others

[Already deleted!]

2: what is your most dislike fruit?

○ watermelon

○ mango

○ strawberry

○ red dates

○ others

[Delete]

3: How many fruit are you going to eat everyday?

Display: view survey-1

Survey Engin

Survey Creator: final
Survey Created:
[fruit](#)

Display: view survey -2

Survey Creator: final

Survey Title: fruit

Q: what is your most dislike fruit?

○ watermelon

○ mango

○ strawberry

○ red dates

○ others

Q: How many fruit are you going to eat everyday?

○ 1

○ 2

○ 3

○ 4

○ 5 or more

Submit Survey

[View Survey Result!](#)

Sign Out Sign In

Display: take the survey

Survey Creator: final

Survey Title: fruit

Q: what is your most dislike fruit?

- ○ watermelon
- ○ mango
- ○ strawberry
- ● red dates
- ○ others

Q: How many fruit are you going to eat everyday?

- ○ 1
- ● 2
- ○ 3
- ○ 4
- ○ 5 or more

Submit Survey

[View Survey Result!](#)

Sign Out   Sign In

Display: view survey results

Survey Creator: final

Survey Title: fruit

Survey Results:

Question1:
red dates: 50.00%
strawberry: 25.00%
watermelon: 25.00%

Question2:
2: 50.00%
3: 25.00%
4: 25.00%

Display: admin-userview

```
***** ***** ***** ***** *****

***** ***** ***** ***** *****
```

View the User Accounts!

Edit	Delete	Username	Email	Password
Edit	Delete	yating	yy@example.com	$2y$10$duCSDlc/ybShRvGAfrRxpeTRxmP3zaVVU6n055
Edit	Delete	ZZ	ZZ@EXAMPLE.COM	$2y$10$GBxVECLMeYizDtnDSL7ezOaCN.y7nFWsQXs76n
Edit	Delete	test9	test9@exampl.com	$2y$10$MCEppXOclJ8rpUMnPyazwe7.hnimPem23e6Foa
Edit	Delete	aa	aa@exampl.com	$2y$10$fnCn63QtfwfIw8GC0RXn.eu8SHZ.hK0xXIx7PZ
Edit	Delete	XJ	XJ@EXAMPLE.COM	$2y$10$ldZlTpP9G/0WORXe9bC0q.M1RGyL169fG9jeQFM6mYqpCYQkWv23G

Display: admin/delete

***** ***** ***** ***** *****

***** ***** ***** ***** *****

Do you want to continue to delete test179?

○ Yes
○ No

submit

No record is deleted!

Go back to userview page!Click ***here***

Display: admin/edit

***** ***** ***** ***** *****

***** ***** ***** ***** *****

Edit user: XJ

User name: [XJ]

Email address: [XJ@EXAMPLE.COM]

Password: [$2y$10$ldZlTpP9G/0WOR]

[Submit]

Go back to userview page!Click [***here***](#)

Thank you!