The website contains these files that makes up the website:

header.php:

This is the header that is on top of the website for navigation.
It contains:

1.menu,logo:

```
<div class="bar">



  <!-- Logo -->
  <div class="logo">
        <div class='cheeseburger'>
              <div></div>
               <div></div>
              <div></div>
        </div>
   <p class="logo_name">Qur</p>
  </div>
```

2.search-container:

```
<div class="search-container">
  <button class="go_back">
    <svg fill="#737373" height="30px" width="30px" version="1.1" id="Layer_1"
xmlns="http://www.w3.org/2000/svg" xmlns:xlink="http://www.w3.org/1999/xlink" viewBox="0
0 404.258 404.258" xml:space="preserve" stroke="#737373"><g id="SVGRepo_bgCarrier"
stroke-width="0"></g><g id="SVGRepo_tracerCarrier" stroke-linecap="round"
stroke-linejoin="round"></g><g id="SVGRepo_iconCarrier"> <polygon points="289.927,18
265.927,0 114.331,202.129 265.927,404.258 289.927,386.258 151.831,202.129
"></polygon> </g></svg>
    </button>

  <form class="search-form" method="GET">
    <input type="text" name="search" placeholder="Iздеу..." value="<?=
htmlspecialchars($_GET['search'] ?? '') ?>">

  </form>



  </div>
```

3.sidebar:

```
<div id="sidebar" class="sidebar">
   <ul>
```

```html
    <li><a
href="https://qur.kz/index.php?category=Денсаулық"><div>Денсаулық</div></a></li>
    <li><a href="https://qur.kz/index.php?category=Спорт"><div>Спорт</div></a></li>
    <li><a href="https://qur.kz/index.php?category=Тарих"><div>Тарих</div></a></li>
    <li><a href="https://qur.kz/index.php?category=Әдебиет"><div>Әдебиет</div></a></li>
    <li><a href="https://qur.kz/index.php?category=Музыка"><div>Музыка</div></a></li>
  </ul></div>
```

4.Home,login/registration navigations:

```html
  <div class="nav-section">
          <a href='https://qur.kz/'>
    <button class="home" id='home-button'>
        <svg xmlns="http://www.w3.org/2000/svg" x="0px" y="0px" width="30px" height="30px"
viewBox="0 0 50 50" id="home-icon">
          <path d="M 25 1.0507812 C 24.7825 1.0507812 24.565859 1.1197656 24.380859
1.2597656 L 1.3808594 19.210938 C 0.95085938 19.550938 0.8709375 20.179141
1.2109375 20.619141 C 1.5509375 21.049141 2.1791406 21.129062 2.6191406 20.789062
L 4 19.710938 L 4 46 C 4 46.55 4.45 47 5 47 L 19 47 L 19 29 L 31 29 L 31 47 L 45 47 C
45.55 47 46 46.55 46 46 L 46 19.710938 L 47.380859 20.789062 C 47.570859 20.929063
47.78 21 48 21 C 48.3 21 48.589063 20.869141 48.789062 20.619141 C 49.129063
20.179141 49.049141 19.550938 48.619141 19.210938 L 25.619141 1.2597656 C
25.434141 1.1197656 25.2175 1.0507812 25 1.0507812 z M 35 5 L 35 6.0507812 L 41
10.730469 L 41 5 L 35 5 z" stroke="black" stroke-width="2" ></path>
      </svg></button> </a>
    <svg xmlns="http://www.w3.org/2000/svg" xml:space="preserve" viewBox="0 0 101 101"
id="search" width="30px" height="30px">
      <path d="M63.3 59.9c3.8-4.6 6.2-10.5 6.2-17 0-14.6-11.9-26.5-26.5-26.5S16.5 28.3 16.5
42.9 28.4 69.4 43 69.4c6.4 0 12.4-2.3 17-6.2l20.6 20.6c.5.5 1.1.7 1.7.7.6 0 1.2-.2
1.7-.7.9-.9.9-2.5 0-3.4L63.3 59.9zm-20.4 4.7c-12 0-21.7-9.7-21.7-21.7s9.7-21.7 21.7-21.7
21.7 9.7 21.7 21.7-9.7 21.7-21.7 21.7z"></path>
    </svg>

    <nav class="nav-links">
                  <?php if ($userId): ?>
  <a href="https://qur.kz/k/user_profile.php" class="nav-profile-link">
    <div class="nav-profile-avatar">
      <?php if (!empty($profileImage)): ?>
        <img src="https://qur.kz/k/uploads/<?= htmlspecialchars($profileImage); ?>"
alt="Profile Image">
    <?php else: ?>
        <span><?= htmlspecialchars($avatarLetter); ?></span>
    <?php endif; ?>
    </div>
          <span class="nav-profile-text"
style='display:flex;flex-direction:row;align-items:center;'><strong>Жеке парақша</strong>
<svg fill="#000" height="25px" width="25px" version="1.1" id="Layer_1"
xmlns="http://www.w3.org/2000/svg" xmlns:xlink="http://www.w3.org/1999/xlink" viewBox="0
```

```html
0 330 330" xml:space="preserve" stroke="#999999"><g id="SVGRepo_bgCarrier"
stroke-width="0"></g><g id="SVGRepo_tracerCarrier" stroke-linecap="round"
stroke-linejoin="round"></g><g id="SVGRepo_iconCarrier"> <path id="XMLID_222_"
d="M250.606,154.389l-150-149.996c-5.857-5.858-15.355-5.858-21.213,0.001
c-5.857,5.858-5.857,15.355,0.001,21.213l139.393,139.39L79.393,304.394c-5.857,5.858-5.8
57,15.355,0.001,21.213
C82.322,328.536,86.161,330,90,330s7.678-1.464,10.607-4.394l149.999-150.004c2.814-2.8
13,4.394-6.628,4.394-10.606 C255,161.018,253.42,157.202,250.606,154.389z"></path>
</g></svg></span>
</a>


    <?php else: ?>
      <a  id="loginsignup">Кіру/Тіркелу</a>
    <?php endif; ?>
      <a href="#post" id="post-question-btn">Сұрақ & Дәйексөз қалдыр</a>



    </nav>
    <div class="hamburger">
     <div class="nav-profile-avatar">
        <?php if ($profileImage): ?>
         <img src="https://qur.kz/k/uploads/<?= htmlspecialchars($profileImage); ?>"
alt="Profile Image">
        <?php else: ?>
         <span><?= htmlspecialchars($avatarLetter); ?></span>
        <?php endif; ?>
      </div>
    </div>
  </div>
```

For registration,login and sending verification code we used AJAX technique:

```javascript
 function sendVerificationCode() {
      var email = document.getElementById('email').value;

      if (email === "") {
         alert("Please enter an email");
         return;
      }

      $.ajax({
         url: 'k/send_verification_code.php',
         method: 'POST',
         data: { email: email },
         success: function(response) {
            var data = JSON.parse(response);
            if (data.status === "success") {
```

```javascript
            alert(data.message);
            // Store email and verification code in session
            sessionStorage.setItem("email", email);
            sessionStorage.setItem("verificationCode", data.verificationCode);
            document.getElementById('emailDiv').style.display = 'none';
            document.getElementById('registrationDiv').style.display = 'block';
        } else {
            alert(data.message);
        }
      }
    });
}

// Step 2: Register the user
function registerUser() {
    var name = document.getElementById('name').value;
    var password = document.getElementById('password').value;
    var verificationCode = document.getElementById('verificationCode').value;

    if (name === "" || password === "" || verificationCode === "") {
        alert("All fields are required");
        return;
    }

    var email = sessionStorage.getItem("email");
    var verificationCodeFromSession = sessionStorage.getItem("verificationCode");

    // Send registration data along with the verification code
    $.ajax({
        url: 'k/register_user.php',
        method: 'POST',
        contentType: 'application/json',
        data: JSON.stringify({
            name: name,
            password: password,
            verificationCode: verificationCode
        }),
        success: function(response) {
            var data = JSON.parse(response);
            if (data.status === "success") {
             window.location.href = "https://qur.kz/k/user_profile.php";
                                        exit();
            } else {
                alert(data.message);
            }
        }
    });
}
```

```javascript
function loginUser() {
    var email = document.getElementById('login_email').value;
    var password = document.getElementById('login_password').value;

    $.ajax({
        url: 'k/login.php',
        method: 'POST',
        contentType: 'application/json',
        data: JSON.stringify({ email: email, password: password }),
        dataType: 'json', // Add this line to automatically parse the JSON response
        success: function(response) {
            if (response.status === "success") {
        window.location.href = response.redirect_url;
    } else {
        alert(response.message);
    }
        },
        error: function(xhr, status, error) {
            console.error("AJAX error:", status, error);
            console.error("Response Text:", xhr.responseText);
            alert("Server error, please try again");
        }
    });

}
```

index.php

This is a page full of functions for making posts,leaving likes,comments and viewing:

```php
  <div class="post">

                        <div class='user-post-container'>
          <!-- User Avatar: Circle-shaped, use the first letter of the user's email -->
          <div class="user-avatar">
   <?php
   // Check if the user has a profile image
   $profileImage = !empty($post['profile_image']) ? "https://qur.kz/k/uploads/" .
htmlspecialchars($post['profile_image']) : null;
   $avatarLetter = strtoupper(substr($post['email'], 0, 1)); // Get first letter of email
   ?>

   <a href="https://qur.kz/k/profile.php?user_id=<?= htmlspecialchars($post['user_id']) ?>"
style="text-decoration:none">
      <?php if ($profileImage) : ?>
         <img src="<?= $profileImage ?>" alt="Profile Image" class="avatar-img">
      <?php else : ?>
```

```php
        <div class="avatar-circle">
            <?= $avatarLetter; ?>
        </div>
    <?php endif; ?>
</a>


    <p class="user-name"><strong><?= htmlspecialchars($post['name']); ?></strong></p>
    <small>
        <?php
        $postDate = strtotime($post['created_at']);
        $currentYear = date("Y");
        $postYear = date("Y", $postDate);
        echo ($postYear == $currentYear) ? date("M j", $postDate) : date("M j, Y", $postDate);
        ?>
    </small>
</div>




        <a href="https://qur.kz/post_detail.php?post_id=<?= htmlspecialchars($post['id']); ?>"
style="text-decoration:none;  display:block;color:black">     <!-- Post Content -->
            <div class="post-content">


                                <p class='user-text'><?=
nl2br(htmlspecialchars($post['content'])); ?></p>



            </div>
                                </a>
                                <?php if (!empty($post['music'])): ?>
    <audio controls>
        <source src="https://qur.kz/k/<?php echo htmlspecialchars($post['music']); ?>"
type="audio/mpeg">
        Your browser does not support the audio element.
    </audio>
<?php endif; ?>
                                <!-- Display Post Image if Available -->
        <?php if ($post['image']): ?>
    <img src="https://qur.kz/k/<?php echo htmlspecialchars($post['image']); ?>"
        class="user-post-img"
        alt="Post Image"
        style="max-width: 100%; cursor: pointer;"
        onclick="showFullScreenImage(this.src)">
<?php endif; ?>

<!-- Fullscreen Image Overlay -->
<div id="fullImageOverlay" class="overlay" onclick="hideFullScreenImage()">
    <img id="fullImage" src="" alt="Full Image">
```

```php
</div>


                    <div class='likes-comments-box'>

                <div class="likes-comments">
 <?php
    // Check if the user has liked the post
    $liked_stmt = $pdo->prepare("SELECT COUNT(*) FROM likes WHERE post_id = ? AND
user_id = ?");
    $liked_stmt->execute([$post['id'], $user_id]);
    $user_liked = $liked_stmt->fetchColumn() > 0;
    ?>
     <button class="like-btn"  data-post-id="<?php echo htmlspecialchars($post['id']); ?>" >
                <svg xmlns="http://www.w3.org/2000/svg"  fill="<?= isset($user_id) ?
($user_liked ? 'red' : 'none') : 'none' ?>"
                        class="like-icon"
                        height="24"
                        viewBox="0 0 24 24"
                        width="24">
                <path d="m7 3c-2.76142 0-5 2.21619-5 4.95 0 2.207.87466 7.4447
9.4875 12.7403.3119.1918.7131.1918 1.025 0 8.6128-5.2956 9.4875-10.5333
9.4875-12.7403 0-2.73381-2.2386-4.95-5-4.95s-5 3-5 3-2.23858-3-5-3z"
                             fill="<?= $user_liked ? 'red' : 'none' ?>"
         stroke="<?= $user_liked ? 'none' : '#000' ?>"
                             stroke-linecap="round"
                             stroke-linejoin="round"
                             stroke-width='2'
                             /></svg>
                <span class='like-count'><?= $post['likes'] ?></span>



                </button>

    <button class="comment-btn" data-post-id="<?php echo htmlspecialchars($post['id']);
?>">
                        <svg xmlns="http://www.w3.org/2000/svg" fill="none" height="24"
viewBox="0 0 24 24" width="24"  stroke="#000" stroke-width='1' stroke-linejoin="round" id="
stroke-linecap="round"><path d="m4
19-.44721-.2236c-.08733.1746-.06499.3841.05719.5365.12218.1523.32185.2195.51129.17
22zm15.5-7.5c0 3.866-3.134 7-7 7v1c4.4183 0 8-3.5817 8-8zm-14 0c0-3.86599 3.13401-7
7-7v-1c-4.41828 0-8 3.58172-8 8zm7-7c3.866 0 7 3.13401 7
7h1c0-4.41828-3.5817-8-8-8zm0 14c-.5821
0-1.252-.2167-1.9692-.4712-.3437-.122-.70179-.2533-1.0332-.3518-.32863-.0977-.67406-.1
77-.9976-.177v1c.17646 0
.41058.0457.71262.1355.29927.089.62301.2077.98378.3357.692.2455 1.522.5288
```

2.3036.5288zm-4-1c-.11255
0-.27171.0241-.42258.0504-.16556.0288-.3693.0692-.59449.1166-.45104.0949-1.00237.22
1-1.53495.3463-.53321.1255-1.0504.2508-1.4341.3448-.19191.047-.35056.0862-.46129.11
36-.05536.0137-.09875.0245-.12834.0319-.01479.0037-.02614.0065-.0338.0084-.00383.00
1-.00674.0017-.0087.0022-.00099.0002-.00173.0004-.00223.0005-.00025.0001-.00045.000
1-.00058.0002-.00006 0-.00012 0-.00015 0-.00004 0-.00006 0
.12121.4851s.12128.4851.1213.4851c.00003 0 .00007-.0001.00012-.0001.00011 0 .00029
0
.00052-.0001.00047-.0001.00117-.0003.00212-.0005.00188-.0005.00472-.0012.00847-.002
1.0075-.0019.01868-.0047.03331-.0083.02925-.0073.07228-.018.12727-.0316.10997-.0273.
26773-.0662.45864-.113.38192-.0935.89598-.2182 1.42527-.3427.52992-.1247
1.07234-.2486
1.51192-.3412.22013-.0463.41092-.084.55982-.1099.07454-.013.13537-.0224.18229-.0285.
0515-.0066.07071-.0071.06895-.0071zm-4.5
1.5c.44721.2236.44723.2236.44726.2235.00002 0
.00005-.0001.00008-.0001.00007-.0002.00015-.0004.00026-.0006.00023-.0004.00054-.001.
00094-.0018.0008-.0016.00195-.004.00345-.007.00301-.006.00738-.0148.01305-.0263.011
33-.0229.02781-.0564.0487-.0991.04177-.0856.10123-.2085.1725-.3589.14238-.3006.3326
5-.7128.52333-1.1577.19013-.4437.38359-.9266.5304-1.367.14069-.4221.26003-.8658.260
03-1.205h-1c0 .1608-.06816.4671-.20872.8888-.13444.4033-.31598.8579-.50085
1.2892-.18432.4301-.36905.8304-.50792
1.1236-.06936.1464-.12708.2657-.16734.3481-.02013.0412-.03588.0732-.04652.0947-.005
32.0108-.00936.0189-.01204.0243-.00134.0027-.00233.0047-.00297.006-.00032.0006-.000
56.0011-.0007.0014-.00007.0001-.00012.0002-.00014.0003-.00002 0-.00002 0-.00003 0
.00001 0 .00002 0
.44723.2236zm2-4c0-.5586-.13724-1.2669-.25926-1.8921-.12961-.664-.24074-1.2302-.240
74-1.6079h-1c0 .4989.13887 1.1827.25926 1.7995.12798.6557.24074 1.2591.24074
1.7005z" fill="#09090b" /></svg>
                    <?= $post['comment_count'] ?? 0 ?>

                    </button>

</div>.......

config.php:

This is a file to connect to database tables:

```php
<?php
define('BASE_URL', 'https://qur.kz/');
class DBS{
private $host='localhost';
private $username='XXXX';
private $dbname='XXXX';
private $password='XXXX';
 private $conn;

public function __construct(){
```

```php
        if (session_status() == PHP_SESSION_NONE) {
    session_start();
}
        try{
                $this->conn=new
PDO("mysql:host={$this->host};dbname={$this->dbname};charset=utf8mb4",
                                        $this->username,$this->password);
        $this->conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
}
catch (PDOException $e) {
        die("Database connection failed: " . $e->getMessage());
    }


}
 public function getConnection() {
     return $this->conn;
  }


}
?>
```

Login page:

```php
<?php
session_start();
header("Content-Type: application/json");
ini_set('display_errors', 1);
error_reporting(E_ALL);

require '../config.php';
$db=new DBS();
$pdo=$db->getConnection();
if ($_SERVER['REQUEST_METHOD'] == 'POST') {
   $postData = file_get_contents("php://input");
   $data = json_decode($postData, true);

   if (!$data) {
      echo json_encode(["status" => "error", "message" => "Invalid JSON data"]);
      exit;
   }

   if (empty($data['email']) || empty($data['password'])) {
      echo json_encode(["status" => "error", "message" => "Email and password are
required"]);
      exit;
   }

   $email = trim($data['email']);
```

```php
    $password = trim($data['password']);

  $stmt = $pdo->prepare("SELECT id, name, password FROM users WHERE email = ?");
  $stmt->execute([$email]);
  $user = $stmt->fetch(PDO::FETCH_ASSOC);


  if ($user && password_verify($password, $user['password'])) {
     $_SESSION['user_id'] = $user['id'];
     $_SESSION['user_name'] = $user['name'];
     $_SESSION['user_email'] = $email;

     echo json_encode([
        "status" => "success",
        "message" => "Login successful",
        "redirect_url" => "https://qur.kz/k/user_profile.php" // Simply redirect to
user_profile.php
     ]);
  } else {
     echo json_encode(["status" => "error", "message" => "Invalid email or password"]);
  }
} else {
   echo json_encode(["status" => "error", "message" => "Invalid request method"]);
}
?>
```

Registration:

```php
<?php
session_start();

include '../config.php';
$db=new DBS();
$pdo=$db->getConnection();
if ($_SERVER['REQUEST_METHOD'] == 'POST') {
   $postData = file_get_contents("php://input");
   $data = json_decode($postData, true);

   // Check if JSON is valid
   if (!$data) {
      echo json_encode(["status" => "error", "message" => "Invalid JSON data"]);
      exit;
   }

   // Validate required fields
   if (empty($data['name']) || empty($data['password']) || empty($data['verificationCode'])) {
      echo json_encode(["status" => "error", "message" => "Missing fields"]);
      exit;
   }
```

```php
    // Get session values
    $email = $_SESSION['email'];
    $verificationCodeFromSession = trim((string)$_SESSION['verificationCode']);
    $verificationCodeFromUser = trim((string)$data['verificationCode']);

    // Verify the code entered by the user
    if ($verificationCodeFromSession !== $verificationCodeFromUser) {
        echo json_encode(["status" => "error", "message" => "Incorrect verification code"]);
        exit;
    }

    // Sanitize and hash password
    $name = htmlspecialchars($data['name']);
    $password = password_hash($data['password'], PASSWORD_DEFAULT);  // Hash
password

    // Save to the database
    $stmt = $pdo->prepare("INSERT INTO users (email, name, password) VALUES (:email,
:name, :password)");
    $stmt->bindParam(':email', $email);
    $stmt->bindParam(':name', $name);
    $stmt->bindParam(':password', $password);

  if ($stmt->execute()) {
  // Store session variables after successful registration
  $_SESSION['user_id'] = $pdo->lastInsertId(); // Get last inserted user ID
  $_SESSION['user_name'] = $name;
  $_SESSION['user_email'] = $email;

  // Clear verification session
  unset($_SESSION['email']);
  unset($_SESSION['verificationCode']);

  // Send success response with redirect URL
  echo json_encode([
      "status" => "success",
      "redirect_url" => "https://qur.kz/k/user_profile.php"
  ]);
  exit;
}

} else {
    echo json_encode(["status" => "error", "message" => "Invalid request method"]);
}
?>
```

Additionally:

There are other files like **user_profile.php** for private user viewing ,**profile.php** -public profile viewing **,like.php** for like function ,**comment.php** for comment function ,**delete.php** for deleting posts function,**send_verification_code.php** for sending verification code to the mail.
The end.Thanks for attention.