

# Upload slika

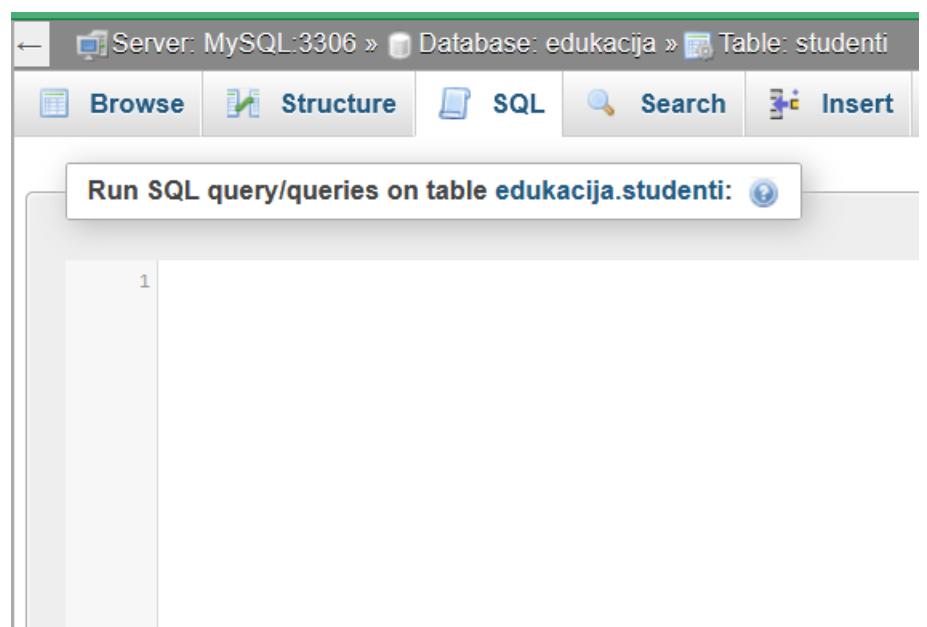
Koristeći HTML, PHP programski jezik i MySQL bazu podataka kreirati stranicu koja učitava sliku u bazu podataka, a nakon toga ispisuje poruku o uspješnom unosu i usmjerava na prikaz slika.

Nadovezati se na ranije vježbe gdje su kreirane baza edukacija i tabela slike.

Provjeriti preko alata phpmyadmin da li je kreirana baza edukacija, tabela studenti sa sljedećim poljima.

**Create database edukacija;**

```
CREATE TABLE studenti (
    id int(11) NOT NULL AUTO_INCREMENT,
    ime varchar(100),
    prezime varchar(100),
    adresa varchar(100),
    slika longblob NOT NULL,
    datum_prijave datetime,
    PRIMARY KEY (`id`)
)
```



Ako nisu kreirani, izvršiti odgovarajuće upite.

Uraditi alter table studenti za polje datum\_prijave.

**ALTER TABLE studenti**

```
MODIFY COLUMN datum_prijave datetime NOT NULL DEFAULT current_timestamp();
```

Razdvojiti PHP i HTML datoteke. Kreirati folder **upload** unutar početnog foldera WAMP servera **www**.

U Visual Studio alatu prvo kreirati HTML datoteku koja sadrži formu za unos.

Kreirati HTML fajl sa sljedećim sadržajem gdje su učitani grid.css i bootstrap datoteke.

## Index.html

```
<html>
  <head>
    <title>Upis studenta: </title>
    <link rel="stylesheet" type="text/css" href="grid.css">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet">
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></script>
  </head>
  <body>

    <div class="sadrzaj">

      <div class="header">
        <nav class="navbar navbar-expand-lg navbar-light bg-light">
          <a class="nav-link" href="index.html">Home</a>
          <a class="nav-link" href="unos.html">Unos</a>
          <a class="nav-link" href="prikaz.html">Prikaz</a>
          <a class="nav-link" href="about_us.html">About us</a>
        </nav>
      </div>
      <div class="sidebar_left">Sidebar Left</div>
      <div class="sidebar_right">Sidebar Right</div>
      <div class="content">

        </div>
      <div class="footer">

        </div>
      </div>
    </div>
  </body>
</html>
```

HTML datoteka **unos.html** treba da sadrži sljedeće tagove:

```
<html>
  <head>
    <title>Upis studenta: </title>
    <link rel="stylesheet" type="text/css" href="grid.css">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></script>
  </head>
  <body>

    <div class="sadrzaj">

      <div class="header">
        <nav class="navbar navbar-expand-lg navbar-light bg-light">
          <a class="nav-link" href="index.html">Home</a>
          <a class="nav-link" href="unos.html">Unos</a>
          <a class="nav-link" href="prikaz.html">Prikaz</a>
          <a class="nav-link" href="about_us.html">About us</a>
        </nav>
      </div>
      <div class="sidebar_left">Sidebar Left</div>
      <div class="sidebar_right">Sidebar Right</div>
      <div class="content">
        <fieldset>
          <legend>Podaci</legend>
          <form method = "post" action = "insertstudent.php" enctype="multipart/form-data">
            <table width = "400" border="0" cellspacing="1" cellpadding = "2">
              <tr>
                <td width = "100">Ime studenta</td>
                <td><input name = "ime" type = "text" id = "ime" required></td>
              </tr>
              <tr>
                <td width = "100">Prezime studenta</td>
                <td><input name = "prezime" type = "text" id = "prezime" required></td>
              </tr>
              <tr>
                <td width = "100">Adresa studenta</td>
                <td><input name = "adresa" type = "text" id = "adresa" required></td>
              </tr>
              <tr>
                <td width = "100">Datum prijave </td>
                <td><input name = "datum" type = "date" id = "adresa" required></td>
              </tr>
            </table>
          </form>
        </fieldset>
      </div>
    </div>
```

```

        </tr>
        <tr>
            <td width = "100">Unesi sliku</td>
            <td><input name = "slika" type = "file"
                id = "adresa" required></td>
        </tr>
        <tr>
            <td width = "100"> </td>
            <td>
                <input name="dodaj" type="submit" id ="dodaj"
                    value = "Dodaj studenta">
            </td>
        </tr>
    </table>
</form>
</fieldset>

</div>
<div class="footer">

</div>

</div>

</body>
</html>

```

Kreirati konfiguracijski fajl za bazu podataka pod imenom **db\_konfiguracija.php** koji se može koristiti i učitati u drugom php fajlu pod imenom **insertstudent.php**.

```

<?php

//Konfiguracija baze podataka

$dbHost  = "localhost";
$dbUsername = "root";
$dbPassword = "";
$dbName   = "edukacija";

//Kreiranje objekta za povezivanje sa bazom podataka

$db = new mysqli($dbHost, $dbUsername, $dbPassword, $dbName);

```

```
//Provjera veze sa bazom podataka
if ($db->connect_error) {
    die("Nema konekcije. " . $db->connect_error);
}
```

Datoteka **insertstudent.php** ima sljedeći sadržaj:

```
<?php
    if(isset($_POST["dodaj"])) {
        $dbhost = "localhost";
        $dbuser = "root";
        $dbpass = "";
        $database="edukacija";
        $conn = new mysqli($dbhost,$dbuser,$dbpass,$database);

        $ime = $_POST['ime'];
        $prezime=$_POST['prezime'];
        $adresa = $_POST['adresa'];
        $datum = $_POST['datum'];
        // $slika=$_POST['slika'];
        // $sql = "INSERT INTO studenti ". "(ime,prezime,datum_prijave, adresa, slika) ".
        "VALUES('$ime','$prezime', '$datum', '$adresa','$imgContent')";

        $status = $statusMsg = '';

        $status = 'error';
        if(!empty($_FILES["slika"]["name"])){
            // Get file info
            $fileName = basename($_FILES["slika"]["name"]);
            $fileType = pathinfo($fileName, PATHINFO_EXTENSION);

            // formati slika koji su podržani
            $allowTypes = array('jpg','png','jpeg','gif','webp'); // niz u php-u
            if(in_array($fileType, $allowTypes)){
                $image = $_FILES['slika']['tmp_name'];
                $imgContent = addslashes(file_get_contents($image));
                $sql="INSERT INTO studenti ". "(ime,prezime,datum_prijave, adresa, slika) ".
                "VALUES('$ime', '$prezime', '$datum', '$adresa', '$imgContent')";
                // Unos podataka u polja tabele studenti
                // Za unos vremena može se koristiti NOW()
                $insert=$conn->query($sql);

                if($insert){
                    $status = 'success';
                    $statusMsg = "Fajl je uspješno dodan.";
                }else{

```

```

        $statusMsg = "Fajl nije dodan. Pokušajte ponovo.";
    }
} else{
    $statusMsg = 'Samo JPG, JPEG, PNG, GIF i webp fajlovi su dozvoljeni za upload.';
}
} else{
    $statusMsg = 'Odaberite sliku za upload.';
}

if($conn->query($sql)){
    echo '<script type="text/javascript">alert("Podaci su uneseni uspješno.");</script>';
}
if ($conn->errno) {
    header("Location: index.html");
    echo '<script type="text/javascript">alert("Podaci nisu ispravno uneseni.");</script>';
}

header("Location: prikaz.html");
$conn->close(); //Zatvara se komunikacija sa bazom podataka

}
?>

```

Datoteka **prikaz.html** prikazuje podatke iz baze iz tabele studenti.

```

<html>
<head>
<title>Prikaz MySQL tabele</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet">
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></script>
<link rel="stylesheet" type="text/css" href="grid.css">
<head>
<style type="text/css">
table{
border: 1px;
border-style: solid;
line-height: 25px;
width: 100%;
height: inherit;
background-color: #f2f2f2;
}

```

```

td, th, tr{
border: 1 px;
border-style: solid;
}
</style>
</head>
</head>
<body>

<div class="sadrzaj">

    <div class="header">
        <nav class="navbar navbar-expand-lg navbar-light bg-light">
            <a class="nav-link" href="index.html">Home</a>
            <a class="nav-link" href="unos.html">Unos</a>
            <a class="nav-link" href="prikaz.html">Prikaz</a>
            <a class="nav-link" href="about_us.html">About us</a>
        </nav></div>
        <div class="sidebar_left">Sidebar Left</div>
        <div class="sidebar_right">Sidebar Right</div>
        <div class="content">

<?php
$dbhost = 'localhost';
$dbuser = 'root';
$dbpass = '';
$dbname = 'edukacija';
$mysqli = new mysqli($dbhost, $dbuser, $dbpass, $dbname); //Povezivanje sa bazom podataka
if($mysqli->connect_errno) {
printf("Nema veze sa bazom podataka: %s<br />", $mysqli->connect_error);
exit();
}
//printf('Povezivanje uspješno.<br />');
$sql = "SELECT ime, prezime, datum_prijave, adresa, slika FROM studenti"; //SQL select upit
$resultat = $mysqli->query($sql);

echo '<div>';
echo "<table>"; // table tag
echo "<tr><th>Ime</th><th>Prezime</th><th>Datum</th><th>Adresa</th><th>Slika</th></tr>";
while($row = $resultat->fetch_assoc()){ //Prikazati sve podatke kao niz
echo "<tr><td>" . $row['ime'] . "</td><td>" . $row['prezime'] . "</td><td>" .
$row['datum_prijave'] . "</td><td>" . $row['adresa'] . "</td><td>" . '' .
"</td></tr>";
}
echo "</table>";
echo "</div>";
mysqli_free_result($resultat); //Oslobađa se memorija
$mysqli->close();
?>

```

```
</div>
<div class="footer">
</div>
</div>
</body>
</html>
```

## grid.css

```
@media only screen and (min-width:577px)
{
.sadrzaj{
    display: grid;
    grid-template-areas: 'header header header header header'
    'sidebar_left content content content sidebar_right'
    'footer footer footer footer';
    grid-gap: 10px;
    background-color: #2196F3;
    padding: 10px;
    min-height: 100vh;
    height:fit-content;
    min-width: 100vw;
}

.sadrzaj > div{
    background-color: rgba(255,255,255,0.8);
    text-align: center;
    padding: 20px 0;
    font-size: 20px;
}

.header{
    grid-area:header;
    height: fit-content;
}

.sidebar_left{
    grid-area: siderbar_left;
}
```

```
.sidebar_left{
    grid-area: sidebar_left;
}

.sidebar_right{
grid-area: sidebar_right;
}

.content{
    grid-area:content;
}

.footer{
    grid-area:footer;
}

.footer{

background-color:#2196F3;
padding: 10px;

}

.footer a{
    border-color: blue;
    border-style: solid;
    background-color: green;
    width: 10%;
    padding: 1px;
    border-radius: 10px;
    color: white;
    justify-self: stretch;
}

.footer > div{
    background-color: blue;
}

ul{
list-style-type: none;
}

} /*Kraj min-width:576px*/
```

```
@media only screen and (max-width:576px){  
    .sadrzaj{  
        display: grid;  
        grid-template-areas: 'header header header header header'  
        'sidebar_right sidebar_right sidebar_right sidebar_right sidebar_right'  
        'content content content content'  
        'content content content content'  
        'sidebar_left sidebar_left sidebar_left sidebar_left sidebar_left'  
        'footer footer footer footer footer';  
        grid-gap: 10px;  
        background-color: #2196F3;  
        padding: 10px;  
        align-items: stretch;  
        min-height: 100vh;  
        min-width: 100vw;  
        height: max-content;  
    }  
  
    .sadrzaj > div{  
        background-color: rgba(255,255,255,0.8);  
        text-align: center;  
        padding: 20px 0;  
        font-size: 20px;  
    }  
  
    .header{  
        grid-area:header;  
        height: fit-content;  
    }  
  
    .sidebar_left{  
        grid-area: siderbar_left;  
    }  
  
    .sidebar_left{  
        grid-area: sidebar_left;  
    }  
  
    .sidebar_right{  
        grid-area: sidebar_right;  
    }  
  
    .content{  
        grid-area:content;  
    }  
  
    .footer{  
        grid-area:footer;  
    }  
}
```

```
.footer{  
  
display:grid;  
background-color:#2196F3;  
padding: 10px;  
  
}  
  
.footer a{  
    border-color: blue;  
    border-style: solid;  
    background-color: green;  
    width: 10%;  
    padding: 1px;  
    border-radius: 10px;  
    color: white;  
    justify-self: stretch;  
}  
  
.footer > div{  
    background-color: blue;  
}  
  
ul{  
list-style-type: none;  
}  
  
} /*Kraj za max-width:576px*/
```