DATABASUPPKOPPLING OCH FUNKTIONALITET MED PHP

STEG 1. Mapp och filstruktur

Följande mappar och filer ska finnas:

- assets/
  - config/
    - db.php
  - css/
    - all.min.css
    - bootstrap.min.css
    - responsive.css
  - functions/
    - data.insert.php
  - images/
  - webfonts/
- index.php

STEG 2. Installera Bootstrap och Font-Awesome

- Bootstrap

  - npm install bootstrap
  - Flytta **bootstrap.min.css** till **assets/css/**

- Font-Awesome (steg 1 görs i terminalen i Codeanywhere)

  1. npm i --save @fortawesome/fontawesome-free
  2. Öppna mappen **node_modules/@fortawesome/fontawesome-free**
  3. Flytta mappen **webfonts/** till **assets/**.
  4. Flytta filen **css/all.min.css** till **assets/css/**.
  5. Ta bort mappen **node_modules/**

  - Ikoner finns här: https://fontawesome.com/icons?d=gallery&m=free

- Skapa filen **responsive.css** i **assets/css/**

STEG 3. Öppna startsidan index.php

- Ange grundläggande HTML-struktur
- Länka alla CSS filer med <link> elementet

```
<!DOCTYPE html>
<html lang="sv">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>Environtech</title>
    <!-- Bootstrap Core CSS -->
    <link rel="stylesheet" href="assets/css/bootstrap.min.css">
    <!-- Font-Awesome Core CSS -->
    <link rel="stylesheet" href="assets/css/all.min.css">
    <!-- General styles -->
    <link rel="stylesheet" href="assets/css/responsive.css">
</head>
<body>

<!-- JavaScript Bundle with Popper -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></script>

</body>
</html>
```

STEG 4. Skapa topbar efter <body>

```
<!--=============================
Topbar
==============================-->
<section class="topbar d-none d-md-block">
   <div class="container d-flex justify-content-between">
      <section class="contact-info">
         <i class="fas fa-envelope"></i> <a href="mailto:test@test.com">test@test.com</a>
         <i class="fas fa-phone"></i> <a href="tel:+4678078099">+46 780 780 99</a>
      </section>
      <section class="social-links">
         <a href="#"><i class="fab fa-twitter"></i></a>
         <a href="#"><i class="fab fa-facebook"></i></a>
         <a href="#"><i class="fab fa-instagram"></i></a>
         <a href="#"><i class="fab fa-flickr"></i></a>
         <a href="#"><i class="fab fa-linkedin"></i></a>
      </section>
   </div>
</section>
```

STEG 5. Skapa navigationen inuti <header>

```html
<!--============================
Navigation
==============================-->
<header>
   <nav class="navbar navbar-expand-md navbar-light">
      <div class="container">
         <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-
target="#navbar-header">
            <span class="navbar-toggler-icon"></span>
         </button>
         <a href="#" class="navbar-brand">
            <h1 class="navbar-title">Environ<span>tech</span></h1>
         </a>
         <div class="collapse navbar-collapse" id="navbar-header">
            <ul class="navbar-nav me-auto">
               <li class="nav-item"><a href="index.php" class="nav-link
active">Startsidan</a></li>
               <li class="nav-item"><a href="products.php" class="nav-
link">Produkter</a></li>
               <li class="nav-item"><a href="#" class="nav-link">Erbjudanden</a></li>
               <li class="nav-item"><a href="#" class="nav-link">Kontakt</a></li>
               <li class="nav-item"><a href="#" class="nav-link">Logga in</a></li>
            </ul>
         </div>
      </div>
   </nav>
</header>
```

STEG 6. Tillämpa stilsättning i CSS (responsive.css)

```css
/*------------------------------------------------------------
# General
----------------------------------------------------------*/
body {
    color: #444444;
}
```

STEG 7. Tillämpa stilsättning i CSS (topbar)

```css
/*-----------------------------------------------------------
# Topbar
-----------------------------------------------------------*/
.topbar {
   padding: 1rem 0;
   border-bottom: 1px solid #eeeeee;
   font-size: 0.85rem;
}
.contact-info a {
   color: #555555;
   text-decoration: none;
}
.contact-info a:hover {
   color: #50d8af;
}
.contact-info i {
   color: #50d8af;
   padding: 0.25rem;
}
.social-links a {
   color: #555555;
   padding: 0.25rem 0.75rem;
   border-left: 1px solid #e9e9e9;
}
.social-links a:first-child {
   border-left: 0;
}
.social-links a:hover {
   color: #50d8af;
}
```

STEG 8. Tillämpa stilsättning i CSS (navigation)

```css
/*-----------------------------------------------------------
# Header and navigation
-----------------------------------------------------------*/
.navbar-title {
    color: #0c2e8a;
}
.navbar-title span {
    color: #50d8af;
}
.navbar-nav .nav-link {
    color: #555555;
}
.navbar-nav .active > a,
.navbar-nav .nav-link:hover {
    color: #50d8af !important;
}
```

STEG 9. Skapa databasuppkoppling (assets/config/db.php)

```php
<?php
    // Defines information for database connection
    define('DB_HOST', 'localhost');
    define('DB_NAME', 'codeanywhere');
    define('DB_USER', 'root');
    define('DB_PASS', '');

    // Connects to database
    $dbh = new PDO(
        'mysql:host='.DB_HOST.';dbname='.DB_NAME.';charset=utf8mb4',
        DB_USER,
        DB_PASS,
        array(
            PDO::ATTR_ERRMODE => PDO::ERRMODE_EXCEPTION,
            PDO::ATTR_DEFAULT_FETCH_MODE => PDO::FETCH_ASSOC,
            PDO::ATTR_EMULATE_PREPARES => false,
            PDO::MYSQL_ATTR_FOUND_ROWS => true
        )
    );
?>
```

Dubbelkolla att uppkopplingen fungerar genom att **gå till sidan db.php i webbläsaren**. Om du får en vit sida så fungerar allt som det ska.