# Lucrare Laborator 8 – PSD

## Obiective

1. Bootstrap.
2. Conceptul de MasterPage in Php

## Bootstrap

Exemplu: Formular realizat utilizand stiluri din libraria Bootstrap. In fisierul ***FormularBootstrap.html*** sunt marcate cu galben modificarile necesare pentru a folosi stilurile predefinite din cadrul libariei Bootstrap:

1. Includerea fisierelor bootstrap.min.css si bootstrap.min.js.
2. Utilizarea claselor predefinite.

Figura 1. Exemplu formular Bootstrap.

<!--Fisierul FormularBootstrap.html-->

<!DOCTYPE html>

<html>

<head>

<title>Formular Bootstrap</title>

<link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css">

<script src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"></script>

</head>

<body>

<div class="col-sm-4">

<form role="form" method="post" name="postForm" id="postForm">

<div class="form-group">

<label for="name">Name</label>

<input type="text" class="form-control" name="name" id="name">

</div>

<div class="form-group">

<label for="continent">Continent</label>

<select class="form-control" name="continent" id="continent">

<option value="0" selected>Select a continent</option>

</select>

</div>

<div class="form-group">

<label for="country">Tara</label>

<select class="form-control" name="country" id="country">

<option value="0" selected>Select a country</option>

</select>

</div>

<input type="submit" class="btn btn-default" value="Salveaza" />

</form>

</div>

</body>

</html>

## Conceptul de MasterPage in Php

Majoritatea aplicatiilor web au elemente comune de design care nu se modifica de la o pagina la alta: antetul, subsolul, meniul. Conceptul de MasterPage reprezinta o modalitate de a scrie aceste date intr-un singur loc si de a le reutiliza in paginile aplicatiei web. Implementarea acestui concept nu este unica. In sectiunea Bibliografie (referinta 4) este descrisa o alta solutie des utilizata.

Exemplu: Fisierele ***master\_header.php*** si ***master\_footer.php***.

Utilizarea lor in pagina ***index.php***:

<!--Fisierul menu.php-->

<ul class="nav nav-tabs nav-justified">

<li><a href="index.php" alt="Home Page">Home</a></li>

<li><a href="about.php" alt="About Page">About</a></li>

<li><a href="demo.php" alt="Demo Page">Demo Cauta</a></li>

</ul>

<!--Fisierul master\_header.php-->

<!DOCTYPE html>

<html lang="en">

<head>

<title><?php echo $page\_title;?></title>

<link rel="stylesheet" href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css">

<script src="http://ajax.googleapis.com/ajax/libs/jquery/2.0.3/jquery.min.js"></script>

<script src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"></script>

<script src="./scripts/ajaxCalls.js"></script>

<link rel="stylesheet" href="./styles/sticky-footer-navbar.css">

</head>

<body>

<header class="header">

<div class="container">

<p class="text-muted">Demo MasterPage in Php</p>

</div>

</header>

<nav><?php include('menu.php');?></nav>

<main>

<!--Fisierul master\_footer.php-->

</main>

<footer class="footer">

<div class="container">

<p class="text-muted">Copyright by USV</p>

</div>

</footer>

</body>

</html>

Observatii:

<!--Fisierul index.php-->

<?php

$page\_title="Intro Page";

include('master\_header.php');

?>

<div class='container' id='container'>

<div class='page-header'>

<h1>Pagina start</h1>

</div>

</div>

<?php include('master\_footer.php');?>

* Fisierele ***master\_header.php*** si ***master\_footer.php*** sunt incluse in toate fisierele in care se doreste pastrarea designului general al site-ului. El **NU** va fi vizualizat direct in browser.
* Variabila $page\_title utilizata in fisierul ***master\_header.php*** trebuie initializata cu valori efective in paginile site-ului (***index.php, about.php, demo.php).***

### Exercitii

1. Utilizati Bootstrap pentru a imbunatati aspectul vizual al unui formular deja implementat.
2. Adaugati aplicatiei MasterPage un nou tab **AdaugareInfo** unde sa fie afisat formularul efectuat la exercitiul 1.
3. Implementati optiunea de cautare dupa nume a unei persoane (jucator, student etc.). Datele despre persoana se considera a fi introduse intr-o baza de date la sectiunea **AdaugareInfo.**



### Tema acasa

1. Reorganizati site-ul personal utilizand conceptul de MasterPage.

# Bibliografie:

1. <http://hoolihan.net/blog-tim/2008/09/24/simple-masterpages-with-php/>
2. http://dusan.kuzmanovic.net/2010/01/26/master-pages-with-php-part-1/
3. <http://tutorialzine.com/2015/02/single-page-app-without-a-framework/>
4. MasterPage in Php – alta solutie: <https://www.youtube.com/watch?v=TyvrRmZ3iCw>