Web Development Application Lab

Assn-1A

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Class: TE-10

Problem Statement:

Create a responsive web page which shows the ecommerce/college/exam admin dashboard with sidebar and statistics in cards using HTML, CSS and Bootstrap.

```
// File 1:
index.html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8" />
<meta http-equiv="X-UA-Compatible" content="IE=edge" />
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<!-- Bootstrap CSS -->
link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet"
integrity="sha384-
1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous"
/>
link
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css"
/>
<link rel="stylesheet" href="index.css" />
<script src="index.js"></script>
<title>Finance World</title>
</head>
<body id="main">
<nav class="navbar navbar-expand-lg navbar-dark bg-dark">
<div class="container-fluid">
<a class="navbar-brand" href="#" onclick="openNav()">FinWorld</a>
<but
class="navbar-toggler"
type="button"
data-bs-toggle="collapse"
data-bs-target="#navbarTogglerDemo02"
aria-controls="navbarTogglerDemo02"
aria-expanded="false"
aria-label="Toggle navigation"
<span class="navbar-toggler-icon"></span>
```

```
</button>
<div class="collapse navbar-collapse" id="navbarTogglerDemo02"></div>
<button class="btn btn-outline-info" type="login">Login
</div>
</nav>
<div id="mySidenav" class="sidenav">
<a href="javascript:void(0)" class="closebtn" onclick="closeNav()"
>×</a
>
<a class="nav-link" href="index.html">Home</a>
<a class="nav-link" href="stats.html">Stats</a>
<a class="nav-link" href="#learn">Learn</a>
<a class="nav-link" href="#invest">Invest</a>
</div>
<div class="sections" style="margin: 20px">
<h2>Markets</h2>
<br />
<div container="container">
<div class="row">
<div class="col-3">
<div class="card" style="margin: 10px">
src="https://images.indianexpress.com/2020/08/sensex-bse-bombay-stock-
exchange-bloomberg-1200.jpg"
class="card-img-top"
alt="BSE Image Here"
height="200"
/>
<div class="card-body">
<h5 class="card-title">BSE Sensex</h5>
<i class="far fa-angle-double-up"></i>
58,198.34
</div>
<div class="card-body">
href="https://www.bseindia.com/"
target=" blank"
class="card-link"
```

```
Visit BSE Site
</a>
</div>
</div>
</div>
<div class="col-3">
<div class="card" style="margin: 10px">
<ima
src="https://images.assettype.com/fortuneindia%2F2018-09%2Fb3ddbd8a-
0d0e-4e55-8c8a-f9abb281bbd6%2FNSE Building 1.jpg?
rect=0,470,5760,3240&w=1250&g=60"
class="card-img-top"
alt="NSE Image Here"
height="200"
/>
<div class="card-body">
<h5 class="card-title">BSE Sensex</h5>
<i class="far fa-angle-double-up"></i>
17,393.75
</div>
<div class="card-body">
<a
href="https://www.nseindia.com/"
target=" blank"
class="card-link"
Visit NSE Site
</a>
</div>
</div>
</div>
<div class="col-3">
<div class="card" style="margin: 10px">
src="https://static.seekingalpha.com/cdn/s3/uploads/getty_images/
1293330840/crop 4 3 image 1293330840.jpg"
class="card-img-top"
alt="NYSE Image Here"
```

```
height="200"
/>
<div class="card-body">
<h5 class="card-title">NYSE NASDAQ</h5>
<i class="far fa-angle-double-up"></i>
13,770.57
<q/>
</div>
<div class="card-body">
<a
href="https://www.nasdag.com/"
target=" blank"
class="card-link"
Visit NASDAQ Site
</a>
</div>
</div>
</div>
<div class="col-3">
<div class="card" style="margin: 10px">
src="https://image.cnbcfm.com/api/v1/image/101791016-LSE2.jpg?
v=1532564459"
class="card-img-top"
alt="LSE Image Here"
height="200"
/>
<div class="card-body">
<h5 class="card-title">LSE FTSE</h5>
<i class="far fa-angle-double-up"></i>
21643.56
</div>
<div class="card-body">
href="https://www.lseg.com/"
target=" blank"
class="card-link"
```

```
Visit BSE Site
</a>>
</div>
</div>
</div>
</div>
</div>
</div>
<div class="sections" style="margin: 20px">
<h2>CryptoCurrency</h2>
<br />
<div container="container">
<div class="row">
<div class="col-3">
<div class="card" style="margin: 10px">
<imq
src="https://m.economictimes.com/thumb/msid-78460334,width-1200,height-
900,resizemode-4,imgsize-678018/bitcoin.jpg"
class="card-img-top"
alt="Bitcoin Image Here"
height="200"
<div class="card-body">
<h5 class="card-title">Bitcoin</h5>
<i class="far fa-angle-double-up"></i>
27,86,366.02
</div>
<div class="card-body">
href="https://bitcoin.org/en/"
target=" blank"
class="card-link"
Visit Bitcoin Site
</a>
</div>
</div>
</div>
```

```
<div class="col-3">
<div class="card" style="margin: 10px">
<ima
src="https://www.sfox.com/wp-content/uploads/2020/04/1 kwQ1ETygoVmA-
VGeSXnzJA.jpeg"
class="card-img-top"
alt="Ethereum Image Here"
height="200"
/>
<div class="card-body">
<h5 class="card-title">BSE Sensex</h5>
<i class="far fa-angle-double-up"></i>
1,89,335.17
<q/>>
</div>
<div class="card-body">
href="https://ethereum.org/en/"
target=" blank"
class="card-link"
Visit Ethereum Site
</a>
</div>
</div>
</div>
<div class="col-3">
<div class="card" style="margin: 10px">
<img
src="https://s2.coinmarketcap.com/static/img/coins/64x64/3890.png"
class="card-img-top"
alt="BSE Image Here"
height="200"
/>
<div class="card-body">
<h5 class="card-title">Polygon</h5>
<i class="far fa-angle-double-up"></i>
125.90
```

```
</div>
<div class="card-body">
href="https://polygon.technology/"
target=" blank"
class="card-link"
Visit Polygon Site
</a>
</div>
</div>
</div>
<div class="col-3">
<div class="card" style="margin: 10px">
src="https://m.economictimes.com/thumb/msid-85979185,width-1000,height-
624, resizemode-4, imgsize-15388/solana-image-source-solana-com.jpg"
class="card-img-top"
alt="Solana Image Here"
height="200"
/>
<div class="card-body">
<h5 class="card-title">Solana</h5>
<i class="far fa-angle-double-up"></i>
7240.87
</div>
<div class="card-body">
<a href="https://solana.com/" target=" blank" class="card-link">
Visit Solana Site
</a>
</div>
</div>
</div>
</div>
</div>
</div>
<!-- Bootstrap JS -->
```

<script

```
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/
bootstrap.bundle.min.js"
integrity="sha384-
ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+llRH9sENBO0LRn5g+8nbTov4+1
crossorigin="anonymous"
></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/jguery/3.2.1/jguery.min.js"></
script>
</body>
</html>
File 2: index.css
body {
background-color: #eee;
.nav-link:hover {
background-color: #525252 !important;
}
.nav-link .fa {
transition: all 1s;
}
.nav-link:hover .fa {
transform: rotate(360deg);
}
.card {
border-radius: 4px;
background: #fff;
box-shadow: 0 6px 10px rgba(0, 0, 0, 0.08), 0 0 6px rgba(0, 0, 0, 0.05);
transition: 0.3s transform cubic-bezier(0.155, 1.105, 0.295, 1.12),
0.3s box-shadow,
0.3s -webkit-transform cubic-bezier(0.155, 1.105, 0.295, 1.12);
padding: 14px 80px 18px 36px;
cursor: pointer;
}
```

```
.card:hover {
transform: scale(1.05);
box-shadow: 0 10px 20px rgba(0, 0, 0, 0.12), 0 4px 8px rgba(0, 0, 0, 0.06);
/* The side navigation menu */
.sidenav {
height: 100%; /* 100% Full-height */
width: 0; /* 0 width - change this with JavaScript */
position: fixed; /* Stay in place */
z-index: 1; /* Stay on top */
top: 0; /* Stay at the top */
left: 0:
overflow-x: hidden; /* Disable horizontal scroll */
padding-top: 60px; /* Place content 60px from the top */
transition: 0.5s; /* 0.5 second transition effect to slide in the sidenay */
}
/* The navigation menu links */
.sidenav a {
padding: 8px 8px 8px 32px;
text-decoration: none;
font-size: 25px;
color: #818181;
display: block;
transition: 0.3s;
/* When you mouse over the navigation links, change their color st/
.sidenav a:hover {
color: #f1f1f1;
}
/* Position and style the close button (top right corner) */
.sidenav .closebtn {
position: absolute;
top: 0;
right: 25px;
font-size: 36px;
margin-left: 50px;
```

```
/* Style page content - use this if you want to push the page content to the
right when you open the side navigation */
#main {
transition: margin-left 0.5s;
/* padding: 20px; */
/* On smaller screens, where height is less than 450px, change the style of the
sidenay (less padding and a smaller font size) */
@media screen and (max-height: 450px) {
.sidenav {
padding-top: 15px;
.sidenav a {
font-size: 18px;
}
}
File 3: index.js
* Set the width of the side navigation to 250px and the left margin of the page
content to 250px */
function openNav() {
document.getElementById("mySidenav").style.width = "250px";
document.getElementById("main").style.marginLeft = "250px";
}
/* Set the width of the side navigation to 0 and the left margin of the page
content to 0 */
function closeNav() {
document.getElementById("mySidenav").style.width = "0";
document.getElementById("main").style.marginLeft = "0";
}
File 4 : stats.html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8"/>
<meta http-equiv="X-UA-Compatible" content="IE=edge" />
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
```

```
<title>Document</title>
<!-- Bootstrap CSS -->
link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet"
integrity="sha384-
1BmE4kWBg78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBogyl2QvZ6jlW3"
crossorigin="anonymous"
<!-- Font Awesome -->
link
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css"
/>
<link rel="stylesheet" href="index.css" />
<script src="index.js"></script>
</head>
<body id="main">
<nav class="navbar navbar-expand-lg navbar-dark bg-dark">
<div class="container-fluid">
<a class="navbar-brand" href="#" onclick="openNav()">FinWorld</a>
<but
class="navbar-toggler"
type="button"
data-bs-toggle="collapse"
data-bs-target="#navbarTogglerDemo02"
aria-controls="navbarTogglerDemo02"
aria-expanded="false"
aria-label="Toggle navigation"
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse" id="navbarTogglerDemo02"></div>
<button class="btn btn-outline-info" type="login">Login/button>
</div>
</nav>
<div id="mySidenav" class="sidenav">
<a href="javascript:void(0)" class="closebtn" onclick="closeNav()"
>×</a
```

```
<a class="nav-link" href="index.html">Home</a>
<a class="nav-link" href="stats.html">Stats</a>
<a class="nav-link" href="#learn">Learn</a>
<a class="nav-link" href="#invest">Invest</a>
</div>
<div container="container" style="margin: 20px">
<div class="row" style="margin: 10px">
<div class="col-6">
<div
class="card"
style="margin: 10px; background-color: rgb(179, 245, 223)"
<canvas id="myChart1" style="width: 100%; max-width: 600px">
</canvas>
</div>
</div>
<div class="col-6">
<div
class="card"
style="margin: 10px; background-color: rgb(241, 169, 229)"
<canvas id="myChart2" style="width: 100%; max-width: 600px">
</canvas>
</div>
</div>
<div class="col-6">
<div
class="card"
style="margin: 10px; background-color: rgb(160, 236, 170)"
<canvas id="myChart3" style="width: 100%; max-width: 600px">
</canvas>
</div>
</div>
<div class="col-6">
<div
class="card"
style="margin: 10px; background-color: rgb(223, 231, 147)"
<canvas id="myChart4" style="width: 100%; max-width: 600px">
```

```
</canvas>
</div>
</div>
</div>
</div>
</body>
<!-- doughnut -->
<script>
var xValues = ["USA", "Canada", "UK", "India", "Singapore"];
var yValues = [55, 49, 44, 24, 15];
var\ barColors = ["#b91d47", "#00aba9", "#2b5797", "#e8c3b9", "#1e7145"];
new Chart("myChart1", {
type: "doughnut",
data: {
labels: xValues,
datasets: [
{
backgroundColor: barColors,
data: yValues,
},
],
options: {
title: {
display: true,
text: "Crypto Market in 2021",
},
},
});
</script>
<!-- line graph -->
<script>
var xValues = [100, 200, 300, 400, 500, 600, 700, 800, 900, 1000];
new Chart("myChart2", {
type: "line",
data: {
labels: xValues,
datasets: [
data: [860, 1140, 1060, 1060, 1070, 1110, 1330, 2210, 7830, 2478],
```

```
borderColor: "red",
fill: false,
},
{
data: [1600, 1700, 1700, 1900, 2000, 2700, 4000, 5000, 6000, 5500],
borderColor: "green",
fill: false,
},
],
},
options: {
legend: { display: false },
title: {
display: true,
text: "Crypto Vs Stock Markets",
},
},
});
</script>
<!-- bar graph -->
<script>
var xValues = ["Bitcoin", "Ethereum", "Cardano", "Solana", "Matic"];
var yValues = [85, 65, 23, 45, 30];
var barColors = ["red", "green", "blue", "orange", "brown"];
new Chart("myChart3", {
type: "bar",
data: {
labels: xValues,
datasets: [
backgroundColor: barColors,
data: yValues,
},
],
},
options: {
legend: { display: false },
title: {
display: true,
text: "Crypto Currency Market Cap",
},
},
```

```
});
</script>
<script>
var xValues = [];
var yValues = [];
generateData("x*3+x*2+8", 0, 10, 0.5);
new Chart("myChart4", {
type: "line",
data: {
labels: xValues,
datasets: [
{
fill: false,
pointRadius: 1,
borderColor: "rgba(255,0,0,0.5)",
data: yValues,
},
],
},
options: {
legend: { display: false },
title: {
display: true,
text: "Steep Increase In Crypto Markets",
fontSize: 16,
},
},
}):
function generateData(value, i1, i2, step = 1) {
for (let x = i1; x \le i2; x + = step) {
yValues.push(eval(value));
xValues.push(x);
}
}
</script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/Chart.js/2.9.4/Chart.js"></</pre>
script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/
bootstrap.bundle.min.js"
```

integrity="sha384-

ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IIRH9sENBO0LRn5g+8nbTov4+1

p"

crossorigin="anonymous"

></script>

<script

src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.min.js"></

script>

</html>

Screenshots:

Trading World

Markets



BSE Sensex 58,198.34

Visit BSE Site



BSE Sensex

17,393.75

Visit NSE Site



NYSE NASDAQ

13,770.57

Visit NASDAQ Site



LSE FTSE

21643.56

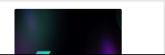
Visit BSE Site

CryptoCurrency









Trading World

Markets



BSE Sensex 58,198.34

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BSE Sensex 17.393.75

Visit NSE Site



NYSE NASDAQ

13,770.57

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FinWorld





