МИНИСТЕРСТВО НАУКИ И ВЫСШЕГО ОБРАЗОВАНИЯ   
РОССИЙСКОЙ ФЕДЕРАЦИИ

ФЕДЕРАЛЬНОЕ ГОСУДАРСТВЕННОЕ БЮДЖЕТНОЕ ОБРАЗОВАТЕЛЬНОЕ УЧРЕЖДЕНИЕ ВЫСШЕГО ОБРАЗОВАНИЯ

**«БЕЛГОРОДСКИЙ ГОСУДАРСТВЕННЫЙ**

**ТЕХНОЛОГИЧЕСКИЙ УНИВЕРСИТЕТ им. В. Г. ШУХОВА»**

**(БГТУ им. В.Г. Шухова)**

Кафедра программного обеспечения вычислительной техники и автоматизированных систем

Лабораторная работа №1

по дисциплине «Технологии Web-программирования»

тема: «HTML. Разработка макетов и верстка шаблонов web-приложения с помощью языков HTML и CSS»

Выполнил: ст. группы ВТ-42

Обенг К.Б

Проверил: Картамышев С.В.

Белгород 2021 г.

**Цель работы:** изучить основы работы протокола передачи гипертекста HTTP. Изучить основы разметки страниц с помощью языка HTML. Изучить основы вёрстки страниц, адаптированных под различные устройства. Изучить основы работы задания стилей для разметки страницы с помощью языка CSS. Разработать макеты и «сверстать» страницы для web-приложения.

**Внешний вид страниц**

Graphical user interface, text, application, chat or text message

Description automatically generated

Graphical user interface, application

Description automatically generated

**Приложение**

**Index.html**

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Fbook</title>

<link href="css/app1.css" rel="stylesheet">

<script src="https://kit.fontawesome.com/0d97016737.js" crossorigin="anonymous"></script>

</head>

<body>

<!---<header class="navbar">-->

<nav>

<!---nav left-->

<div class="nav-left">

<a href="login.html"><img src="Images/logo.jpeg" class="logo"></a>

<div class="search-box">

<img src="images/search.png">

<input type="text" placeholder="search">

</div>

</div>

<!---nav right-->

<div class="nav-right">

<ul>

<li><img src="images/notification.png"></li>

<li><img src="images/inbox.png"></li>

<li><img src="images/video.png"></li>

</ul>

<div class="nav-user-icon online">

<img src="images/profile-pic1.jpg">

</div>

</div>

<div class="settings-menu">

<div class="settings\_menu-inner">

<div class="user-profile">

<img src="images/profile-pic1.jpg">

<div>

<p>rolex wilson</p>

<a href="#">see your profile</a>

</div>

</div>

<hr>

<div class="user-profile">

<img src="images/feedback.png">

<div>

<p>Give feedback</p>

<a href="#">Help as improve new design</a>

</div>

</div>

<hr>

<div class="settings-links">

<img src="images/setting.png" class="settings-icon">

<a href="#">settings & privacy<img src="images/arrow.png" width="10px"></a>

</div>

<div class="settings-links">

<img src="images/help.png" class="settings-icon">

<a href="#">Help & Support<img src="images/arrow.png" width="10px"></a>

</div>

<div class="settings-links">

<img src="images/display.png" class="settings-icon">

<a href="#">Display <img src="images/arrow.png" width="10px"></a>

</div>

<div class="settings-links">

<img src="images/logout.png" class="settings-icon">

<a href="#">Logout<img src="images/arrow.png" width="10px"></a>

</div>

</div>

</div>

</nav>

<!---</header>-->

<main class="container">

<section class="left-sidebar">

<div class="imp-links">

<a href="#"><img src="images/news.png">Latest News</a>

<a href="#"><img src="images/friends.png">Friends</a>

<a href="#"><img src="images/group.png">Group</a>

<!--<a href="#"><img src="images/marketplace.png">Marketplace</a>

<a href="#"><img src="images/watch.png">watch</a>

<a href="#"><img src="images/memories.png">Memories</a>-->

<a href="#"> See More</a>

</div>

<div class="shortcut-links">

<p>Your shortcuts</p>

<a href="#"><img src="images/shortcut-1.png">Web Developers</a>

<a href="#"><img src="css/images/cat.jpeg">Cute Cats</a>

<a href="#"><img src="css/images/anime1.jpeg">Manga Forum</a>

<a href="#"><img src="css/images/anime4.jpeg">GoAnime</a>

</div>

</section>

<section class="main-content">

<div class="story-gallery">

<div class="story story1">

<img src="images/upload.png">

<p>Post a story</p>

</div>

<div class="story story2">

<img src="css/images/anime6.jpeg">

<p>Rolex</p>

</div>

<div class="story story3">

<img src="css/images/anime3.jpeg">

<p>Kelvin</p>

</div>

<div class="story story4">

<img src="css/images/anime4.jpeg">

<p>Manga Forum</p>

</div>

<div class="story story5">

<img src="css/images/anime5.jpeg">

<p>John</p>

</div>

</div>

<div class="write-post-container">

<div class="user-profile">

<img src="images/profile-pic1.jpg">

<div>

<p>Kwame Wilson</p>

<small>Public<i class="fas fa-caret-down"></i></small>

</div>

</div>

<div class="post-input-container">

<textarea rows="3" placeholder="Whats on your mind Rolex?"></textarea>

<div class="add-post-links">

<a href="#"><img src="images/live-video.png"> Live Video</a>

<a href="#"><img src="images/photo.png"> Photo/video</a>

<a href="#"><img src="images/feeling.png"> Feeling/Activity</a>

</div>

</div>

</div>

<div class="post-container">

<div class="post-row">

<div class="user-profile">

<img src="images/profile-pic1.jpg">

<div>

<p>Kwame</p>

<span>June 24 2021, 13:40pm</span>

</div>

</div>

<a href="#"><i class="fas fa-ellipsis-v"></i></a>

</div>

<p class="post-info">watch my discord channel <span>@Anime</span><a href="#">#Anime</a> </p>

<img src="css/images/anime2.jpeg" class="post-img">

<div class="post-row">

<div class="activity-icons">

<div><img src="images/like-blue.png">500</div>

<div><img src="images/comments.png">400</div>

<div><img src="images/share.png">400</div>

</div>

<div class="post-profile-icon">

<img src="images/profile-pic1.jpg"><i class="fas fa-caret-down"></i>

</div>

</div>

</div>

<div class="post-container">

<div class="post-row">

<div class="user-profile">

<img src="css/images/anime1.jpeg">

<div>

<p>Manga Forum</p>

<span>August 24 2021, 16:40pm</span>

</div>

</div>

<a href="#"><i class="fas fa-ellipsis-v"></i></a>

</div>

<p class="post-info">join our discord channel for more <span>@Anime</span><a href="#">#GoAnime</a> </p>

<img src="css/images/anime7.jpeg" class="post-img">

<div class="post-row">

<div class="activity-icons">

<div><img src="images/like-blue.png">700</div>

<div><img src="images/comments.png">400</div>

<div><img src="images/share.png">400</div>

</div>

<div class="post-profile-icon">

<img src="css/images/anime1.jpeg"><i class="fas fa-caret-down"></i>

</div>

</div>

</div>

<button type="button" class="load-more-btn">load more</button>

</section>

<section class="right-sidebar">

<div class="sidebar-title">

<h4>Events</h4>

<a href="#">See All</a>

</div>

<div class="event">

<div class="left-event">

<h3>18</h3>

<span>December</span>

</div>

<div class="right-event">

<h4>Travel</h4>

<p><i class="fas fa-map-marker-alt"></i>Moscow</p>

<a href="#">More info</a>

</div>

</div>

<div class="event">

<div class="left-event">

<h3>18</h3>

<span>August</span>

</div>

<div class="right-event">

<h4>Social Media</h4>

<p><i class="fas fa-map-marker-alt"></i>Central Park</p>

<a href="#">More info</a>

</div>

</div>

<div class="sidebar-title">

<h4>Advertisement</h4>

<a href="#">close</a>

</div>

<img src="images/advertisement.png" class="sidebar-ads">

<div class="sidebar-title">

<h4>Chat</h4>

<a href="#">Hide Chat</a>

</div>

<div class="online-list">

<div class="online">

<img src="css/images/anime3.jpeg">

</div>

<p>John</p>

</div>

<div class="online-list">

<div class="online">

<img src="/css/images/anime5.jpeg">

</div>

<p>Rolex W</p>

</div>

<div class="online-list">

<div class="online">

<img src="css/images/anime6.jpeg">

</div>

<p>Kelvin</p>

</div>

</section>

</main>

<footer>

<p>Copyright 2021</p>

</footer>

<script src="css/not.js"></script>

</body>

</html>

App.css

\*{

margin: 0;

padding: 0;

font-family:sans-serif;

box-sizing:border-box;

}

body{

background-color:#efefef;

}

.logo{

width: 50px;

margin-right: 45px;

}

.header{

position:sticky;

}

nav{

display: flex;

align-items: center;

justify-content: space-between;

background: #1876f2;

padding: 5px 5%;

position: sticky;

top:0;

z-index: 100;

}

.navbar{

display: flex;

align-items: center;

justify-content: space-between;

background: #efefef;

padding: 5px 5%;

position: sticky;

top:0;

z-index: 100;

}

.nav-left,.nav-right {

display: flex;

align-items: center;

}

.nav-right ul li{

list-style: none;

display: inline-block;

}

.nav-right a{

text-decoration: none;

}

.nav-right ul li img{

width:28px;

margin : 0 15px;

cursor: pointer;

}

.nav-right ul li img:hover{

background: #9a9a9a;

color:#fff;

}

.nav-user-icon img{

width:40px;

border-radius: 50%;

cursor: pointer;

}

.nav-user-icon{

margin-left: 30px;

}

.search-box{

background:#efefef;

width:350px;

border-radius: 20px;

display:flex;

align-items: center;

padding:0 15px;

}

.search-box img{

width:18px;

}

.search-box input{

width:100%;

background:transparent;

padding: 10px;

outline: none;

border: 0;

}

.online{

position: relative;

}

.online::after{

content: '';

width: 7px;

height: 7px;

border: 2px solid #fff;

border-radius: 50%;

background: #41db51;

position: absolute;

top:0;

right:0;

}

.settings-menu{

position: absolute;

width: 90%;

max-width: 350px;

background: #efefef;

box-shadow: 0 0 10px rgba(0,0,0,0.1);

border-radius: 4px;

overflow: hidden;

top: 108%;

right: 5%;

max-height: 0;

}

.settings-menu-height{

max-height: 450px;

}

.user-profile{

display: flex;

align-items: center;

}

.user-profile img{

width:45px;

border-radius: 50%;

margin-right: 10px;

}

.user-profile p{

margin-bottom: -5px;

font-weight: 500;

color: #626262;

margin-bottom:4px;

}

.user-profile a{

font-size: 12px;

color: #1876f2;

text-decoration: none;

}

.settings-menu-inner{

padding:20px;

}

.settings-menu hr{

border: 0;

height: 1px;

background: #9a9a9a;

margin: 15px, 0

}

.settings-links{

display: flex;

align-items: center;

margin:15px 0;

}

.settings-links .settings-icon{

width: 38px;

margin-right: 10px;

border-radius: 50%;

}

.settings-links a{

display: flex;

flex: 1;

align-items:center;

justify-content: space-between;

text-decoration: none;

color: #626262;

}

.container{

display: flex;

justify-content:space-between;

padding :13px 5%;

}

.left-sidebar{

flex-basis: 25%;

position:sticky;

top: 70px;

align-self: flex-start;

}

.right-sidebar{

flex-basis:25%;

position: sticky;

top: 70px;

align-self: flex-start;

background:#fff;

padding: 20px;

border-radius: 4px;

color: #626262

}

.imp-links a, .shortcut-links a{

text-decoration: none;

display: flex;

align-items: center;

margin-bottom: 30px;

color: #626262;

width:fit-content;

}

.imp-links a img{

width: 25px;

margin-right: 15px;

}

.imp-links a:last-child{

color:#1876f2;

}

.imp-links{

border-bottom: 1px solid #ccc;

}

.shortcut-links a img{

width: 40px;

border: radius 4px;

margin-right: 15px;

}

.shortcut-link p{

margin: 25px 0;

color:#626262;

font-weight:500;

}

.main-content{

flex-basis: 47%;

}

.story-gallery{

display:flex;

justify-content:space-between;

margin-bottom:20px;

}

.story{

flex-basis: 18%;

padding-top: 32%;

position: relative;

background-position: center;

background-size: cover;

border-radius: 10px;

}

.story img{

position:absolute;

width:45px;

border-radius:50%;

top: 10px;

left: 10px;

border:5px solid #1876f2;

}

.story p{

position: absolute;

bottom: 10px;

width: 100%;

text-align: center;

color:#fff;

font-size:14px;

}

.story1{

background-image: linear-gradient(transparent,rgba(0,0,0,0.5)),url(/images/pic1.png);

}

.story2{

background-image: linear-gradient(transparent,rgba(0,0,0,0.5)),url(images/anime6.jpeg);

}

.story3{

background-image: linear-gradient(transparent,rgba(0,0,0,0.5)),url(images/anime7.jpeg);

}

.story4{

background-image: linear-gradient(transparent,rgba(0,0,0,0.5)),url(images/anime1.jpeg);

}

.story5{

background-image: linear-gradient(transparent,rgba(0,0,0,0.5)),url(images/anime5.jpeg);

}

.story .story1 img{

top:unset;

left:50%;

bottom:40px;

transform:translate(-50%);

border:0;

grid: 35px;

}

.write-post-container{

width:100%;

background-color:#fff;

border-radius: 6px;

padding:20px;

color: #626262;

}

.post-input-container{

padding-left: 55px;

padding-top: 20px;

}

.post-input-container textarea{

width: 100%;

border: 0;

outline: 0;

border-bottom:1px solid #ccc ;

background: transparent;

resize: none;

}

.add-post-links{

display:flex;

margin-top: 10px;

}

.add-post-links a{

text-decoration: none;

display: flex;

align-items: center;

color: #626262;

margin-right: 30px;

font-size: 13px;

}

.add-post-links a img{

width: 20px;

margin-right:10px;

}

.post-container{

width:100%;

background-color:#fff;

border-radius:6px;

padding:20px;

color: #626262;

margin: 20px 0;

}

.user-profile span{

font-size: 13px;

color: #9a9a9a;

}

.post-info{

color: #9a9a9a;

margin: 15px 0;

font-size: 15px;

}

.post-info span{

color: #626262;

font-weight: 500;

}

.post-info a{

color:#1876f2;

text-decoration: none;

}

.post-img{

width:100%;

border-radius: 4px;

margin-bottom:5px;

}

.post-row{

display:flex;

align-items: center;

justify-content:space-between;

}

.activity-icons div img{

width:18px;

margin-right:10px;

}

.activity-icons div {

display:inline-flex;

align-items: center;

margin-right: 30px;

}

.post-profile-icon{

display: flex;

align-items: center;

}

.post-profile-icon img{

width:20px;

border-radius:50%;

margin: 5px;

}

.sidebar-title{

display: flex;

align-items: center;

justify-content: space-between;

margin-bottom: 18px;

}

.right-sidebar h4{

font-size:16px;

font-weight:600;

}

.sidebar-title a{

text-decoration:none;

color:#1876f2;

font-size: 12px;

}

.event{

display:flex;

font-size:14px;

margin-bottom:20px;

}

.left-event{

border-radius: 10px;

height:65px;

width:65px;

margin-right: 15px;

padding-top:10px;

text-align:center;

position:relative;

overflow:hidden;

box-shadow: 0 0 10px rgba(0,0,0,0.1);

}

.event p{

font-size:12px;

}

.event a{

font-size: 12px;

text-decoration: none;

color: #1876f2;

}

.left-event span{

position:absolute;

bottom:0;

left:0;

width:100%;

background: #1876f2;

color: #fff;

font-size: 10px;

padding: 4px 0;

}

.sidebar-ads{

width:100%;

margin-bottom:20px;

border-radius: 4px;

}

.online-list{

display:flex;

align-items:center;

margin-bottom: 20px;

}

.online-list .online img{

width:40px;

border-radius: 50%;

}

.online-list .online{

width:40px;

border-radius: 50%;

margin-right: 15px;

}

.load-more-btn{

display:block;

margin:auto;

cursor:pointer;

padding:5px 10px;

border:1px solid #9a9a9a;

color: #626262;

background:transparent;

border-radius: 4px;

}

footer{

text-align: center;

color:#9a9a9a;

padding: 10px 0 20px;

font-size:13px;

}