



WEB Technologies

Project Name: Video Games shop website

Prepared by: Kazhymurat Assanali

Checked by: Yespenbetova Dana

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CONTENTS

INTRODUCTION OF TOPIC.....	3
AIMS OF PROJECT	4
IMPACT AND DESCRIPTION.....	5
CONCLUSION	6
REFERENCES	7
APPENDIX.....	8
LIST OF FIGURES.....	21

INTRODUCTION OF TOPIC

Topic of project is “Video Games shop”. It is website for online shopping where you can find video games, consoles and other different merchandise.

In order to create a website programming languages JavaScript, HTML, CSS were used. HTML was used in order to create website and core. CSS was used in order design it and JavaScript that helps to create functions. It should be noted that I used additional framework for CSS Bootstrap in order work with design faster and library JQuery for JavaScript .During the project real videogames and game consoles were used in order use their price and description. All goods are real. Visual Studio Code is main program that was used for coding. All images that were used I got from open sources such as official website of games.

AIMS OF PROJECT

Main purpose of this project was to create Video Games Shop with comfortable interface and different lists of games that can help user to find new and interesting games faster. In order to do that I made analyses of other shopping websites and video-game market in order to find goods that can be described as trend of this industry and standard price for them, As a result, everything there is real and close to real situation with such websites.

Objectives:

- 1) Website should have comfortable and design.
- 2) Homepage should inspire user to buy games.
- 3) Website should have minimal information about games in order to make it more comfortable to user to make a choice.

IMPACT AND DESCRIPTION

During first day of work I analyzed different websites with different goods. After that I found main trend, all homepages of such sites show popular goods that in order to sell them to users. Consequently after this I created homepage with list of most popular and new games. Second day I created page with all goods in order to have function of finding game. In fact main problem was to place Box-art of game and description with help of Bootstrap. After finishing work with it page “Help” was created. It consist of information about site , contacts. In the end last page was Order page. It is used to make order and fill information.

CONCLUSION

Final site consist of 4 pages and uses HTML, CSS, JavaScript ,JQuery library and Bootstrap framework. By the end of work with project we have ready website with all important function in order to buy game. But it should be noted that it can be improved by adding of making reviews for games and creating page for every game.

REFERENCES

https://en.wikipedia.org/wiki/Red_Dead_Redemption_2
https://en.wikipedia.org/wiki/Battlefield_V
https://en.wikipedia.org/wiki/The_Witcher_3:_Wild_Hunt
https://en.wikipedia.org/wiki/The_Elder_Scrolls_V:_Skyrim
[https://en.wikipedia.org/wiki/Star_Wars_Battlefront_II_\(2017_video_game\)](https://en.wikipedia.org/wiki/Star_Wars_Battlefront_II_(2017_video_game))
https://en.wikipedia.org/wiki/Need_for_Speed_Heat
https://en.wikipedia.org/wiki/Fallout_76
https://en.wikipedia.org/wiki/Assassin%27s_Creed_Valhalla
https://en.wikipedia.org/wiki/Call_of_Duty:_Black_Ops_Cold_War
[https://en.wikipedia.org/wiki/Hitman_2_\(2018_video_game\)](https://en.wikipedia.org/wiki/Hitman_2_(2018_video_game))
https://en.wikipedia.org/wiki/Total_War:_Warhammer_II
https://en.wikipedia.org/wiki/Sekiro:_Shadows_Die_Twice

Main.html

```
<!DOCTYPE html>
<html>

  <head>
    <title>Video Game Shop</title> <!--PaGe name-->
    <link rel="icon" href="images/icon.png">
    <link rel = "stylesheet" href = "MainStyle.css"><!--
Links to libraries and other files-->
    <link href="https://cdn.jsdelivrivr.net/npm/bootstrap@5.0.0-
beta2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
BmbxuPwQa2lc/FVzBCnJ7UAYJxM6wuqIj61tLrc4wSX0szH/Ev+nYRRuWlolflfl" crossorigin="a
nonymous">
    <script src="https://cdn.jsdelivrivr.net/npm/bootstrap@5.0.0-
beta2/dist/js/bootstrap.bundle.min.js" integrity="sha384-
b5kHyXgcpbZJ0/tY9U17kGk1f1S0CWuKcCD3818YkeH8z8QjE0GmW1gYU5S9FOnJ0" crossorigin="a
nonymous"></script>
  </head>
  <body>
    <nav class="navbar navbar-expand-md" id="navtab"> <!--navigation bar-->
      <ul class="navbar-nav">
        <a class="navbar-brand" href="Main.html">
          &nbsp;
           <!--
Brand icon-->
        </a>
        <li class="navbar-item">
          <a class="nav-link" href="Main.html" id="links"> Home</a> <!--
Links-->
        </li>
        <li class="navbar-item">
          <a class="nav-link" href="Games.html" id="links">Games</a>
        </li>
        <li class="navbar-item">
          <a class="nav-link" href="Help.html" id="links">Help</a>
        </li>
      </ul>
    </nav>
    <div id="carouselExampleCaptions" class="carousel slide" data-bs-
ride="carousel"> <!--carousel that changes slides-->
      <div class="carousel-indicators">
        <button type="button" data-bs-target="#carouselExampleCaptions" data-
bs-slide-to="0" class="active" aria-current="true" aria-
label="Slide 1"></button>
        <button type="button" data-bs-target="#carouselExampleCaptions" data-
bs-slide-to="1" aria-label="Slide 2"></button>
      </div>
      <div class="carousel-inner"> <!--first slide-->
```



```

        <div class="carousel-item active">
            
            <div class="carousel-caption d-none d-md-block">
                <h3 id="PS_h">Games for new generation</h3>
                <p id="PS_p">Buy now games for new Sony's console</p>
            </div>
        </div>
        <div class="carousel-item"> <!--second slide-->
            
            <div class="carousel-caption d-none d-md-block">
                <h3>Games for new generation</h3>
                <p>Buy new games for new Xbox game console</p>
            </div>
        </div>
        </div>
        <button class="carousel-control-prev" type="button" data-bs-
target="#carouselExampleCaptions" data-bs-slide="prev">
            <span class="carousel-control-prev-icon" aria-hidden="true"></span>
            <span class="visually-hidden">Previous</span>
        </button>
        <button class="carousel-control-next" type="button" data-bs-
target="#carouselExampleCaptions" data-bs-slide="next">
            <span class="carousel-control-next-icon" aria-hidden="true"></span>
            <span class="visually-hidden">Next</span>
        </button>
    </div>
    <div>
        <h3 id="chart">
            Game Charts
        </h3>
    </div>
    <div class="container-fluid" id="charts"> <!--Box-arts of games-->
        
        
        
        
        
        
    </div>
    <h3 id="chart">
        &nbsp;
    </h3>
    <div>
        <h3 id="news">
            New Availble games
        </h3>
    </div>
    <div class="container-fluid" id="new"> <!--Box arts of games-->
        

```

```

        
        
        
        
        
    </div>
</div>
    <h5 id="news">
        &nbsp;
    </h5>
    <p id="copy" class="container-fluid">
        &copy; Copyright All rights reserved
    </p>
</div>
</body>
<footer>
</footer>
</html>

```

Games.html

```

<!DOCTYPE html>
<html>

    <head>
        <title>Video Game Shop</title>
        <link rel="icon" href="images/icon.png">
        <link rel = "stylesheet" href = "MainStyle.css">
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-BmbxuPwQa2lc/FVzBcNJ7UAyJxM6wucIj61tLrc4wSX0szH/Ev+nYRRuWlolflfl" crossorigin="anonymous">
        <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/js/bootstrap.bundle.min.js" integrity="sha384-b5kHyXgcpbZJO/tY9U17kGkF1S0CWuKcCD3818YkeH8z8QjE0GmW1gYU5S9F0nJ0" crossorigin="anonymous"></script>
    </head>
    <body>
        <nav class="navbar navbar-expand-md" id="navtab"> <!--navigation bar-->
            <ul class="navbar-nav">
                <a class="navbar-brand" href="Main.html">
                    &nbsp;
                    
                </a>
                <li class="navbar-item">
                    <a class="nav-link" href="Main.html" id="links"> Home</a>
                </li>
                <li class="navbar-item">
                    <a class="nav-link" href="Games.html" id="links">Games</a>
                </li>
                <li class="navbar-item">

```

```

        <a class="nav-link" href="Help.html" id="links">Help</a>
    </li>
</ul>
</nav>
<p>&nbsp;</p>
<div class="container"> <!--container with columns-->
    <div class="row">
        <div class="col-3">
            
        </div>
        <div class="col-8">
            <h1>Red Dead Redemption 2</h1>
            <p>The game is the third entry in the Red Dead series and is a prequel to the 2010 game Red Dead Redemption. The story is set in 1899 in a fictionalized representation of the Western, Midwestern, and Southern United States and follows outlaw Arthur Morgan, a member of the Van der Linde gang.</p>
            <H3>$59.99</H3>
            <a href="Order.html" class="btn btn-danger" >Buy</a>
        </div>
    </div>
    <p>&nbsp;</p>
    <div class="row">
        <div class="col-3">
            
        </div>
        <div class="col-8">
            <h1>Battlefield V</h1>
            <p>Battlefield V is a first-person shooter video game developed by EA DICE and published by Electronic Arts. Battlefield V is the sixteenth installment in the Battlefield series.
                Battlefield V is focused extensively on party-based features and mechanics, scarcity of resources, and removing "abstractions" from game mechanics to increase realism. There is an expanded focus on player customization through the new Company system, where players can create multiple characters with cosmetic and weapon options. Cosmetic items, and currency used to purchase others, are earned by completing in-game objectives.
            </p>
            <H3>$59.99</H3>
            <a href="Order.html" class="btn btn-danger" >Buy</a>
        </div>
    </div>
    <p>&nbsp;</p>
    <div class="row">
        <div class="col-3">
            
        </div>
        <div class="col-8">
            <h1>Witcher 3</h1>
            <p>

```

The Witcher 3: Wild Hunt is an action role-playing game with a third-person perspective. Players control Geralt of Rivia, a monster slayer known as a Witcher. Geralt walks, runs, rolls and dodges, and (for the first time in the series) jumps, climbs and swims.

</p>
<H3>\$59.99</H3>
Buy
</div>

</div>

<p> </p>

<div class="row">

<div class="col-3">

</div>

<div class="col-8">

<h1>The Elder Scrolls V: Skyrim</h1>

<p>

The Elder Scrolls V: Skyrim is an action role-playing game, playable from either a first or third-person perspective. The player may freely roam over the land of Skyrim which is an open world environment consisting of wilderness expanses, dungeons, caves, cities, towns, fortresses, and villages.

</p>

<H3>\$59.99</H3>

Buy

</div>

</div>

<p> </p>

<div class="row">

<div class="col-3">

</div>

<div class="col-8">

<h1>Star Wars: Battlefront II</h1>

<p>Star Wars Battlefront II is a third and first-person shooter, featuring both single-player and multiplayer game modes. Gameplay is split in two main categories: ground battles and space battles. Both occur across three eras: the Clone Wars, with battles taking place between the Galactic Republic and the Confederacy of Independent Systems; the Galactic Civil War, where battles between the Rebel Alliance and Galactic Empire take place; and the war between the Resistance and the First Order.

</p>

<H3>\$59.99</H3>

Buy

```

</div>

</div>
<p>&nbsp;</p>

<div class="row">
  <div class="col-3">

  </div>
<div class="col-8">
  <h1>Need For Speed: Heat</h1>
  <p>Need for Speed Heat is a racing game set in an open world environment call
ed Palm City, a fictionalised version of the city Miami, Florida and its surroun
ding area. The in-
game map features diverse geography, including mountainous areas and open fields
  </p>
  <H3>$59.99</H3>
  <a href="Order.html" class="btn btn-danger" >Buy</a>
</div>
</div>
<p>&nbsp;</p>

<div class="row">
  <div class="col-3">

  </div>
<div class="col-8">
  <h1>Fallout 76</h1>
  <p>Fallout 76 is Bethesda Game Studios's first multiplayer game; players expl
ore the open world, which has been torn apart by nuclear war, with others. Bethe
sda developed the game using a modified version of its Creation Engine, which al
lowed the accommodation of multiplayer gameplay and a more detailed game world t
han in previous games.
  </p>
  <H3>$59.99</H3>
  <a href="Order.html" class="btn btn-danger" >Buy</a>
</div>
</div>
<p>&nbsp;</p>

<div class="row">
  <div class="col-3">

  </div>
<div class="col-8">
  <h1>Assassing's Creed: Valhala</h1>
  <p>Assassin's Creed Valhalla is an action role-
playing video game developed by Ubisoft Montreal and published by Ubisoft. It is
the twelfth major installment and the twenty-

```

second release in the Assassin's Creed series, and a successor to the 2018's Assassin's Creed Odyssey. Set in the years 872–878 AD, the game recounts a fictional story during the Viking invasion of Britain. The player controls Eivor, a Viking raider who becomes embroiled in the conflict between the Assassin Brotherhood and the Templar Order.

</p>
<H3>\$59.99</H3>
Buy

</div>

</div>

<p> </p>

<div class="row">

<div class="col-3">

</div>

<div class="col-8">

<h1>Call Of Duty Black Ops: Cold war</h1>

<p>Call of Duty: Black Ops Cold War is set during the Cold War in the early 1980s. The story follows Green Beret turned CIA SAD/SOG operative Russell Adler and his mission to stop a USSR extremist group in 1981. The story is inspired by actual events and the campaign features locations such as East Berlin, Vietnam, Turkey, and the Soviet KGB headquarters.

</p>

<H3>\$59.99</H3>

Buy

</div>

</div>

<p> </p>

<div class="row">

<div class="col-3">

</div>

<div class="col-8">

<h1>Hitman 2</h1>

<p>Hitman 2's gameplay is similar to that of the previous installment, being an action-adventure stealth-based game. Players control Agent 47, a contract assassin working for the International Contract Agency (ICA), in a third-person perspective, as he travels to various locations around the globe to eliminate high-profile criminal targets. The game features eight missions, which are set in distinct locations.

</p>

<H3>\$59.99</H3>

Buy

</div>

</div>

```

<p>&nbsp;</p>

<div class="row">
  <div class="col-3">

  </div>
<div class="col-8">
  <h1>Total War: Warhammer II</h1>
  <p>Total War: Warhammer II is a turn-based strategy and real-
time tactics video game developed by Creative Assembly and published by Sega. It
is part of the Total War series and the sequel to 2016's Total War: Warhammer.
The game is set in Games Workshop's Warhammer Fantasy fictional universe.
  </p>
  <H3>$59.99</H3>
  <a href="Order.html" class="btn btn-danger" >Buy</a>
</div>
</div>
<p>&nbsp;</p>

<div class="row">
  <div class="col-3">

  </div>
<div class="col-8">
  <h1>Sekiro: Shadows Die Twice</h1>
  <p>Sekiro: Shadows Die Twice is an action-
adventure video game developed by FromSoftware and published by Activision. The
game follows a shinobi known as Wolf as he attempts to take revenge on a samurai
clan who attacked him and kidnapped his lord.
  </p>
  <H3>$59.99</H3>
  <a href="Order.html" class="btn btn-danger" >Buy</a>
</div>
</div>
<p>&nbsp;</p>
  </div>
    <p id="copy" class="container-fluid">
      &copy; Copyright All rights reserved
    </p>
  </body>
<footer>
</footer>
</html>

```

Help.html

```

<!DOCTYPE html>
<html>

  <head>
    <title>Help</title>

```



```

    <p>&nbsp;</p>
    <p>&nbsp;</p>
    <p>&nbsp;</p>
    <p>&nbsp;</p>
    <p>&nbsp;</p>
    <p id="copy" class="container-fluid">
        &copy; Copyright All rights reserved
    </p>
</body>
<footer>
</footer>
</html>

```

Order.html

```

<!DOCTYPE html>
<html>

    <head>
        <title>Order</title>
        <link rel="icon" href="images/icon.png">
        <link rel = "stylesheet" href = "MainStyle.css">
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-
beta2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
BmbxuPwQa2lc/FVzBcNJ7UAyJxM6wuqIj61tLrc4wSX0szH/Ev+nYRRuWlolflfl" crossorigin="a
nonymous">
        <script src="jquery-3.6.0.min.js"></script>
        <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-
beta2/dist/js/bootstrap.bundle.min.js" integrity="sha384-
b5kHyXgcpbZJ0/tY9U17kGkf1S0CWuKcCD38l8YkeH8z8QjE0GmW1gYU5S9F0nJ0" crossorigin="a
nonymous"></script>
    </head>
    <body>
        <nav class="navbar navbar-expand-md" id="navtab"> <!--navigation bar-->
            <ul class="navbar-nav">
                <a class="navbar-brand" href="Main.html">
                    &nbsp;<br>
                    
                </a>
                <li class="navbar-item">
                    <a class="nav-link" href="Main.html" id="links"> Home</a>
                </li>
                <li class="navbar-item">
                    <a class="nav-link" href="Games.html" id="links">Games</a>
                </li>
                <li class="navbar-item">
                    <a class="nav-link" href="Help.html" id="links">Help</a>
                </li>
            </ul>
        </nav>
        <p>&nbsp;</p>

```

```

        <div class="container"> <!--container with input-->
            <h1>Checkout</h1>
            <p>Please enter your personal information in order to buy a product.
After inserting we will send digital code to your Email.</p>
            <h3>Name</h3>
            <input type="email" id="mail" minlength="1" size="40">
            <h3>Surname</h3>
            <input type="email" id="mail" minlength="1" size="40">
            <h3>Email</h3>
            <input type="email" id="mail" minlength="6" size="40">
            <h3>Phone number</h3>
            <input type="email" id="mail" minlength="10" size="40">
            <h3>Credit card number</h3>
            
            <p></p>
            <input type="email" id="mail" minlength="16" maxlength="16" size="40
">

            <h3>CVV</h3>
            <input type="email" id="mail" minlength="2" maxlength="4" size="40">
            <p>&nbsp;</p>
            <a id="target" class="btn btn-danger">
                Order
            </a>
            <script>
                $( "#target" ).click(function() { //jquery element click
                    alert( "Thank you ! Please check your email in order to get ke
y" );

                });
            </script>
        </div>
        <p>&nbsp;</p>
        <p>&nbsp;</p>
        <p>&nbsp;</p>
    </div>
    <p id="copy" class="container-fluid">
        &copy; Copyright All rights reserved
    </p>
</body>
<footer>
</footer>
</html>

```

MainStyle.css

```

nav{
    background-color:#201f24;

    font-size: 20px;
}
nav ul li a{

```

```

        color: white;
    }
    #PS_h{
        color: #201f24;
    }
    #PS_p{
        color: #201f24;
    }
    #chart{
        text-align: center;
        background-color:#201f24;
        color: white;
        padding-top: 7px;
        padding-bottom: 7px;
    }
    #charts{
        background-color:#201f24;
        margin-top: -10px;
    }
    #charts img{
        margin-left: -4px;
    }
    #rdr{
        margin-left: 50px;
    }
    #news{
        text-align: center;
        color:#201f24;
        background-color: white;
        padding-top: 1px;
        padding-bottom: 7px;
    }
    #new{
        background-color:white;
        margin-top: -10px;
    }
    #new img{
        margin-left: -4px;
    }

    #copy{
        font-size: 20px;
        text-align: center;
        background-color:#201f24;
        color: white;
        position: absolute;
    }

```

GameStyle.css

```

nav{
    background-color:#201f24;

    font-size: 20px;
}
nav ul li a{
    color: white;
}
#game1 {
    margin-right: 640px;
}

#copy{
    font-size: 20px;
    text-align: center;
    background-color:#201f24;
    color: white;
    position: absolute;
}

```

HelpStyle.css

```

nav{
    background-color:#201f24;

    font-size: 20px;
}
nav ul li a{
    color: white;
}
#game1 {
    margin-right: 640px;
}

#copy{
    font-size: 20px;
    text-align: center;
    background-color:#201f24;
    color: white;
    position: absolute;
}
h1{
    text-align: center;
}
p{
    text-align: center;
}

```

Style.css

List of Figures

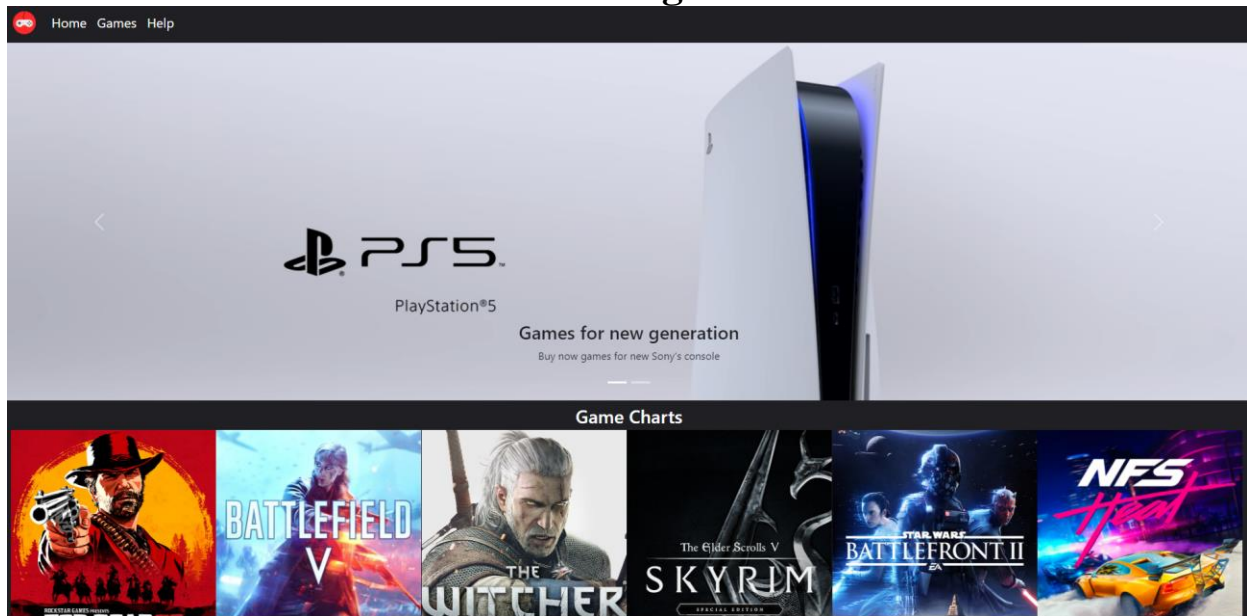


Figure 1. Homepage

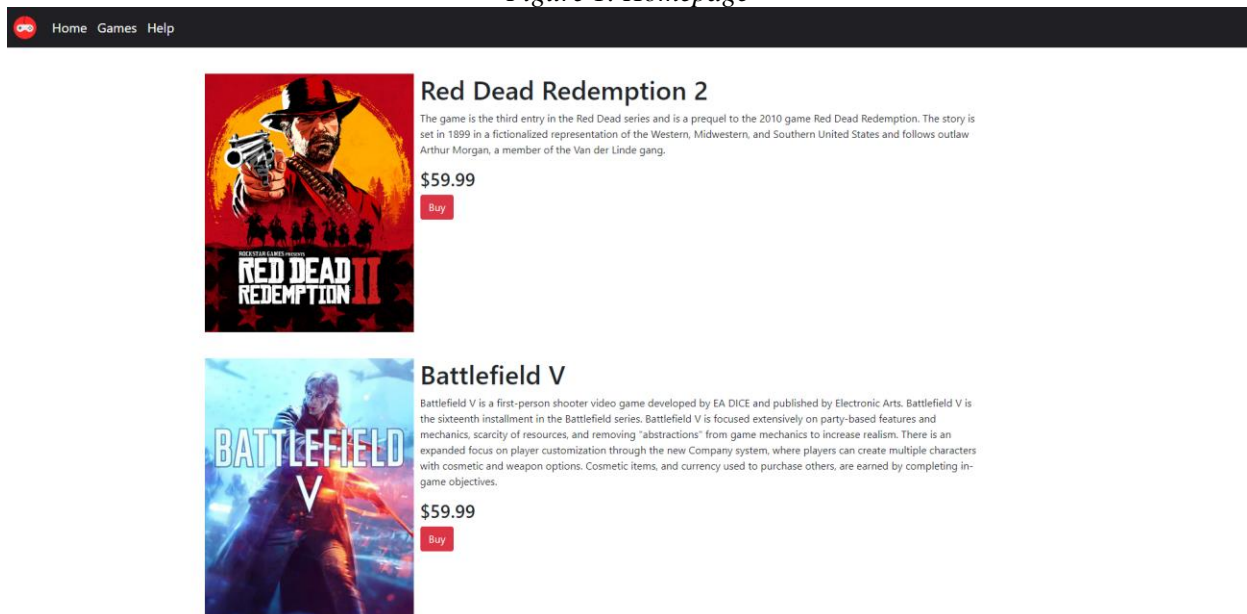


Figure 2. Games page

Quality assurance

Video Game Shop work since 2011. During this years we didn't have accidents. If you have any problems you can use our contacts in order find answer and if you want , we can return all your money

Gmail: gameshop@gmail.com

Phone number: +7 777 777 7777

© Copyright All rights reserved

Figure 3. Help page

Checkout

Please enter your personal information in order to buy a product. After inserting we will send digital code to your Email.

Name

Surname

Email

Phone number

Credit card number



CVV

Order

© Copyright All rights reserved

Figure 4. Order page