Assignment #2

Due Date: 5/2/16 by 9:00am

Deliverable:

- Use Servlets to implement the following requirements.
- Capture 10 screen-shots of your output and save them in a file called output.pdf
- All source code and byte code must be submitted.
- Post your homework as a single compressed (winzip only) file on D2L with the name "HW2_YourLastName,FirstName"

High-Level Requirements:

Consider the following high-level description for GameSpeed website:

- The intent is to build servlet-based web application that will allow customers to place orders online from GameSpeed website
- The store has a StoreManager, Customers, and Salesmen
- The retailers sells new and pre-owned different game consoles, games, and tablets
- The StoreManager can Add/Delete/Update products
- Salesman can create Customer accounts and can Add/Delete/Update customers' orders
- There are 3 Console Manufacturers and each offers its own models:
    1. Microsoft
        1. XBOX One
        2. XBOX 360
    2. Sony
        1. PS3
        2. PS4
    3. Nintendo
        1. Wii
        2. WiiU

- There are 3 Game Makers

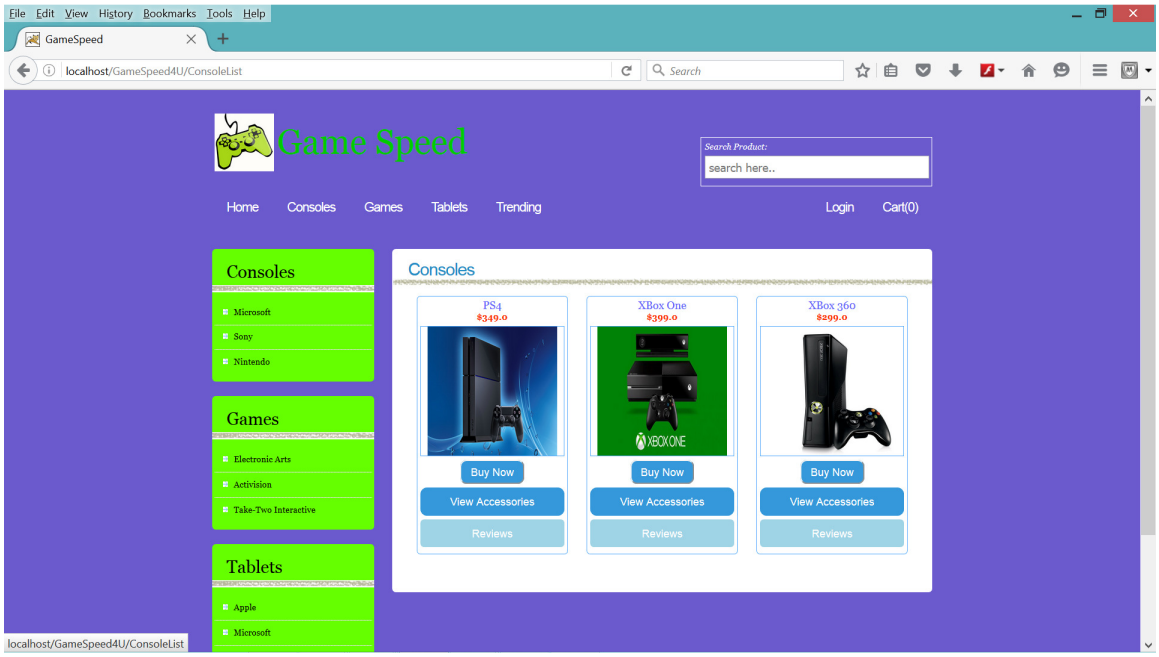
1. Electronic Arts
2. Activision
3. Take-Two Interactive

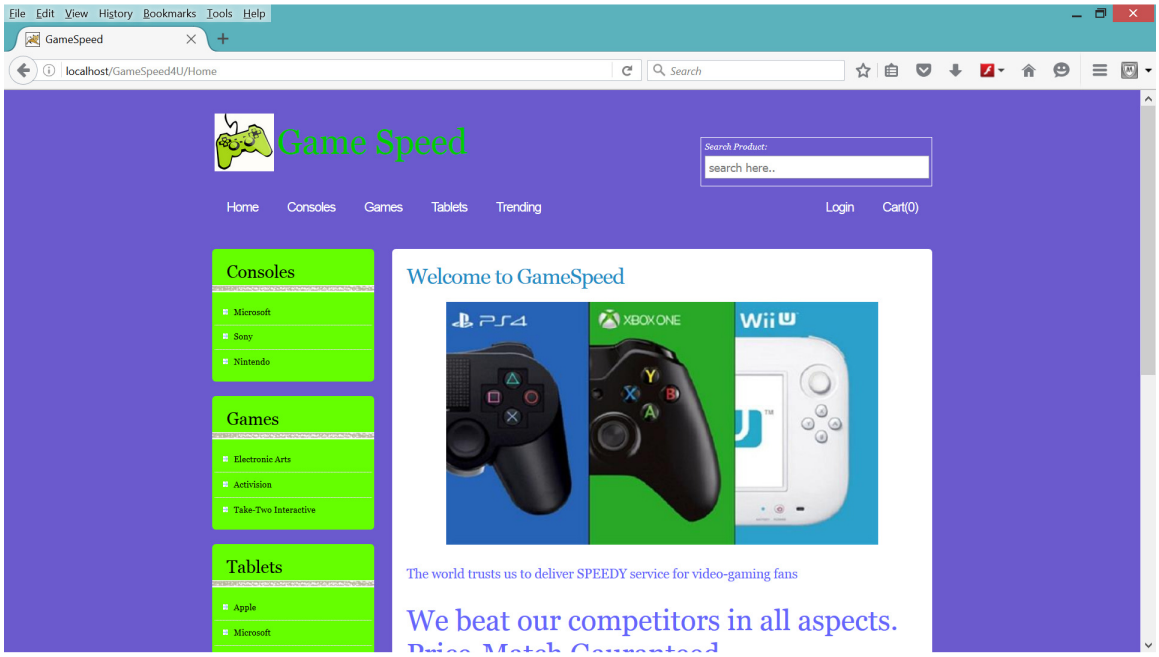
- Every console might have accessories that could be bought separately
- Retailer offers warranty that can be purchased by the customer for every console
- The customer must be able to create an account online
- The customer must be able to place an order online, check the status of the order, or cancel the order.
- The customer will pay using a credit card
- Some of the products may have retailer special-discounts
- Some of the products may have manufacturer rebates
- Customer shall be able to shop online to buy one or multiple items in the same session from the GameSpeed online retailer.
- In the same session, the customer must be able to add or remove items from the shopping cart
- When the customer chooses to check out:
    1. The customer will enter personal information (Name, Address, Credit Card, etc.)
    2. The customer will be provided with a confirmation number and a delivery date (2 weeks after the order date) that the customer can use to cancel an order at a later timer, though it must be 5 business days before the delivery date.

- The customer must be able to write and submit a Product Review online that has the following form:
    1. ProductModelName: XBOX 360
    2. ProductCategory: Gaming Console
    3. ProductPrice: $499
    4. RetailerName: GameSpeed
    5. RetailerZip: 60616
    6. RetailerCity: Chicago
    7. RetailerState: IL
    8. ProductOnSale: Yes
    9. ManufacturerName: Microsoft
    10. ManufacturerRebate: Yes
    11. UserID: whksa8
    12. UserAge: 24
    13. UserGender: Male
    14. UserOccupation: accountant
    15. ReviewRating: 4
    16. ReviewDate: 12/15/2013
    17. ReviewText: It has excellent clarity and motion refresh rate for Batman Game, however, it overheats after 2 hours of use

- Hard-code values of the different items available in the store in a HashMap

Sample Screenshots similar to the expected output




File Edit View History Bookmarks Tools Help
GameSpeed
localhost/GameSpeed4U/Home
Search
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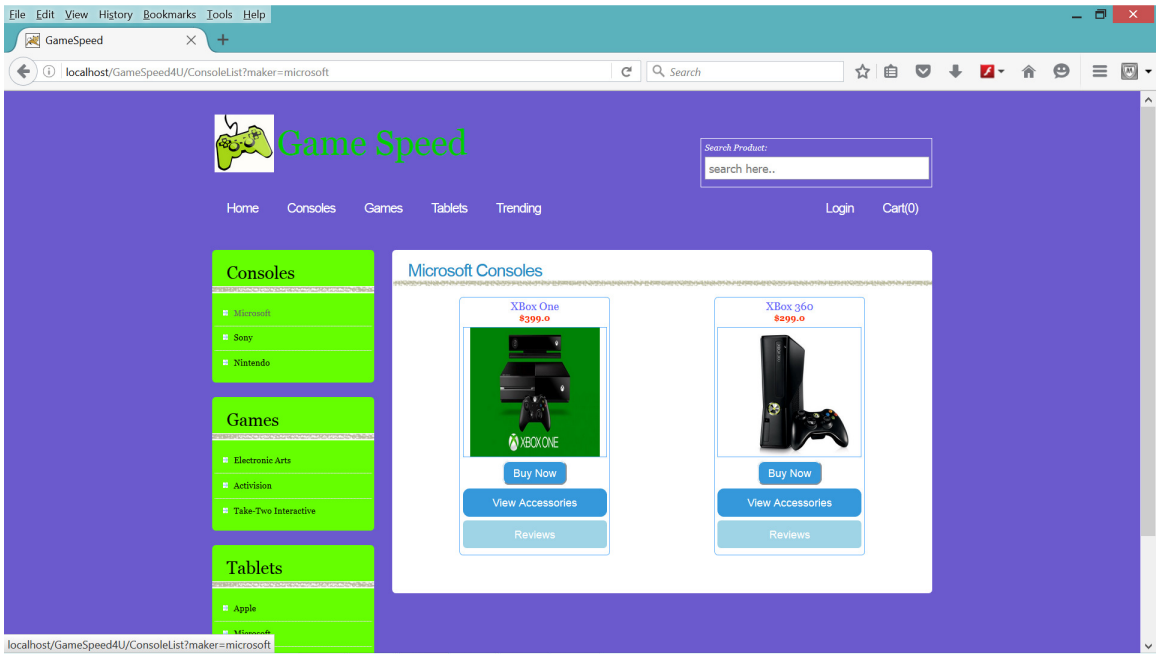
search here..
Home
Consoles
Games
Tablets
Trending
Login
Cart(0)
Consoles
Microsoft
Sony
Nintendo
Games
Electronic Arts
Activision
Take-Two Interactive
Tablets
Apple
Microsoft
Welcome to GameSpeed
PS4
XBOX ONE
Wii U
The world trusts us to deliver SPEEDY service for video-gaming fans
We beat our competitors in all aspects.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Search
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Home
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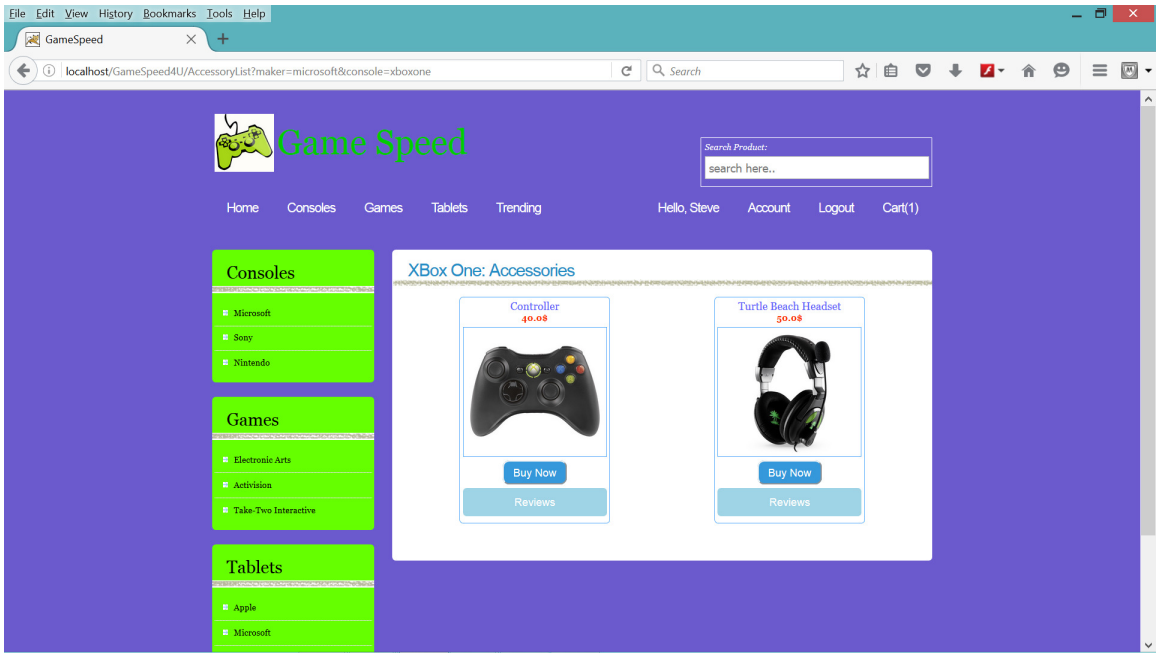
Games
Tablets
Trending
Login
Cart(0)
Consoles
Microsoft
Sony
Nintendo
Games
Electronic Arts
Activision
Take-Two Interactive
Tablets
Apple
Microsoft Consoles
XBox One
$399.0
XBox 360
$299.0
Buy Now
View Accessories
Reviews
Buy Now
View Accessories
Reviews
localhost/GameSpeed4U/ConsoleList?maker=microsoft


File Edit View History Bookmarks Tools Help
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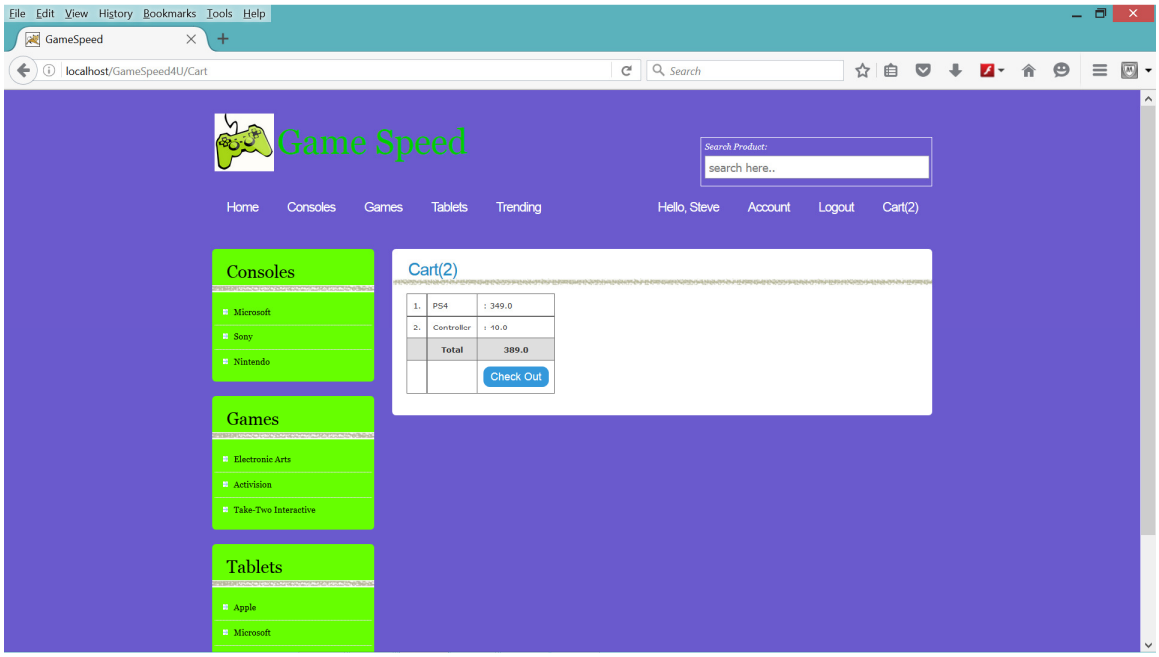
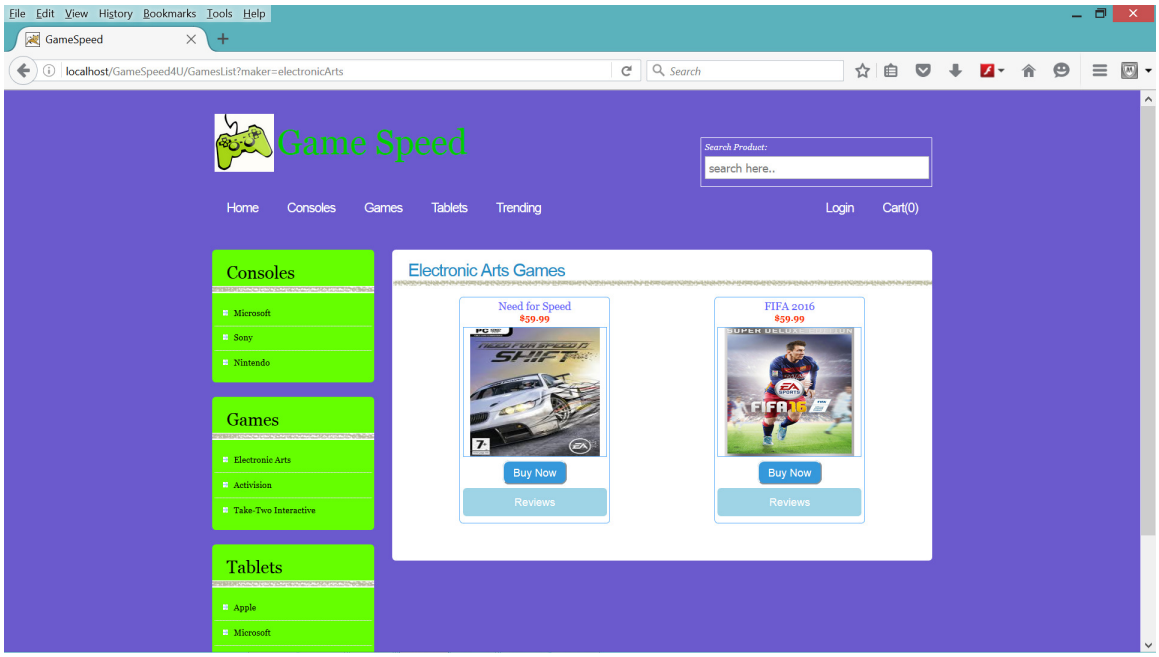
search here..
Home Consoles Games Tablets Trending Hello, Steve Account Logout Cart(1)
Consoles
Microsoft
Sony
Nintendo
Games
Electronic Arts
Activision
Take-Two Interactive
Tablets
Apple
Microsoft
XBox One: Accessories
Controller
40.0$
Buy Now
Reviews
Turtle Beach Headset
50.0$
Buy Now
Reviews


File Edit View History Bookmarks Tools Help
GameSpeed
localhost/GameSpeed4U/Cart
Search
Game Speed
Search Product:
search here..
Home Consoles Games Tablets Trending Hello, Steve Account Logout Cart(2)
Consoles
Microsoft
Sony
Nintendo
Games
Electronic Arts
Activision
Take-Two Interactive
Tablets
Apple
Microsoft
Cart(2)
1. PS4 : 349.0
2. Controller : 40.0
Total 389.0
Check Out


File Edit View History Bookmarks Tools Help
GameSpeed
localhost/GameSpeed4U/GamesList?maker=electronicArts
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Game Speed
Search Product:
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Home
Consoles
Games
Tablets
Trending
Login
Cart(0)
Consoles
Microsoft
Sony
Nintendo
Games
Electronic Arts
Activision
Take-Two Interactive
Tablets
Apple
Microsoft
Electronic Arts Games
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Reviews
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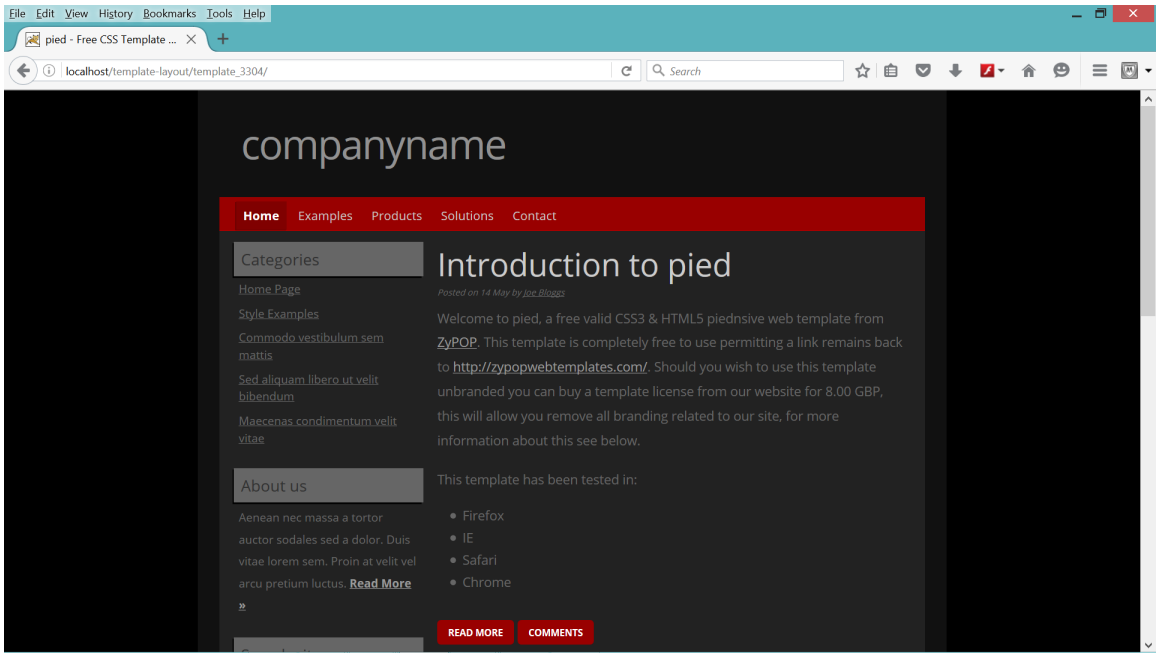
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Posted on 14 May by Joe Bloggs
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