# Must

* Logo in the top left corner with a hyperlink to the homepage
* Navigation
  + Visible on every page
  + Use HTML5-tag for the navigation
  + Navigation items: Home – About us – Contact
  + Insert navigation with PHP include
* Footer at the bottom of the page
  + Use HTML5-tag for the footer
  + Insert footer with PHP include
* Products page
  + Name of the category
  + All products are fetched from the database using PHP and MySQLi. Use a while or foreach loop to fetch data from the database.
  + Don’t create a different page for every category (example: playstation.php, xbox.php and pc.php) use only one page, products.php. Use the GET parameter to retrieve products from different categories.
  + Every product block consists of the following elements: image, price, name of the video game, order button
  + Display minimum 6 products per category
* Organize files neatly in folders
* Logical and consistent names for variables, id’s and classes
* Indent code with tabs
* Make a separate file for the database connection and use PHP include to include this file on necessary pages.
* Use PHP Sessions to store and retrieve products in a shopping cart
* Working contact form with PHPmailer or Mail function
* Use checkboxes on the product page to store multiple products at once in the shopping cart
* Make a product detail page with multiple images of the product, name of the product, short description, possibility to add more than one product in the shopping cart, order button.

# Should

* When the visitor clicks on a specific category the colors of the elements on the product page should change.

# Could

# Won’t

* Use an open source or commercial ecommerce solution!
* Use a template or a front-end framework like bootstrap!

Tips, Resources

* Use classroom examples and PowerPoint sheets from N@tschool.
* Make backups: external hard drive or cloud storage
* Upload your finished assignment in EduArte. Use Winrar or 7-zip to pack your files
  + Only .7zip or .rar file extension allowed
  + Filename: ***firstname\_lastname\_gameworld.rar***
  + Filename example: john\_doe\_gameworld.rar
* PHP and MySQL:
  + <https://www.w3schools.com/php/php_mysql_connect.asp>
  + <https://www.w3schools.com/php/php_mysql_select.asp>
  + <https://www.w3schools.com/php/php_looping.asp>
  + <https://www.w3schools.com/php/php_sessions.asp>
* HTML:
  + <https://www.w3schools.com/tags/tag_nav.asp>
  + https://www.w3schools.com/tags/tag\_footer.asp
  + <https://www.w3schools.com/cssref/pr_class_float.asp>
  + <https://www.w3schools.com/html/html_forms.asp>
* Online courses:
  + www.udacity.com
  + [www.codecademy.com](http://www.codecademy.com)
  + [www.freecodecamp.com](http://www.freecodecamp.com)
* Work together if necessary, but **do not copy**. **In case of fraud, you have to create your own assignment with the same techniques as this one. You have to discuss this with your teacher!**