



**HACETTEPE UNIVERSITY
DEPARTMENT OF COMPUTER
ENGINEERING
BBM 487:SOFTWARE ENGINEERING
LABORATORY**

Group Number:5

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PHP Coding Standards

Code Source

Do not use any libraries or code from external sources without prior approval.

- 1) Similar code may already exist
- 2) Legibility and reusability can be issue
- 3) Performance concerns

Conventions h2.

Case

We used underline in variable names, functions, methods, and variables

. Ex: `control_login_user()`; , `$sql_check`;

Variables

Case should never be used to differentiate between variable names. Every variable name in the current scope should be absolutely unique. Variable names should describe the content that they (will) contain, using either complete words or understandable abbreviations.

Ex: `username`, `password`

Functions

No underscores except in the event handlers. Try to avoid abbreviations. Many programmers have a nasty habit of overly abbreviating everything. This should be discouraged. PHP functions are equivalent to a spoken language's verbs.

Function names, therefore, should be action oriented. They should also be defined in the present tense.

- Use "Underline style" to name classes

Function Calls

Function names and parameters must be significant and legible.
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Ex: `control_barcode()`;

Function Declarations

Function declarations follow the "one true brace"

```
convention: function control_barcode(){  
    if (isset($_POST['barcode'])) {  
        if (isset($error))  
            echo '<div id="error" >'. $error . '</div>';  
        else {  
            echo '<div id ="rules" style="margin-left:31%;margin-top: 3%;"> Book return successfully!  
</div>';  
        }  
    }  
}
```

HTML

The layout of the page and the html for the images are used in the code <html> tags are created within the comments lines are written between <!-->.

Control Structures

- Place a single space between the control keyword (if, for, while, switch, etc.) and opening parenthesis to distinguish control statements from function calls
- Include break; after all switch case statements
- Always use elseif (one word) in lieu of else if (two words)

PHP Comments

Use C-style (`/* */`) comments for multi-line statements and C++ comments (`//`) for single line statements

Ex: `/*control the user or librarian login if they do not login go to the index page*/`