

# Introduction of Term Project

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## Overview

- Implement an web interface using PHP
- Populate the database
- Execute the SQL queries

- Sample here

<http://www.auburn.edu/~gzz0001/index.php>

## Prerequisite

- Apply for MySQL account
- Install MySQL on your local machine
- Get used to PHP

## MySQL account

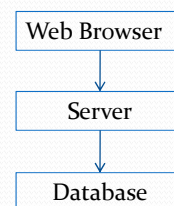
- The website to apply for MySQL account  
[http://www.auburn.edu/oit/help\\_support/webpages/common\\_topics.php#request\\_mysql](http://www.auburn.edu/oit/help_support/webpages/common_topics.php#request_mysql)
- Use SSH tool to access mallard.duc.auburn.edu
- Connect to your MySQL  
`mysql -h web7 -u <username> -p`

## Install MySQL on Your Local Machine

- Download MySQL from <http://dev.mysql.com/downloads/> for Windows  
<http://dev.mysql.com/doc/refman/5.6/en/macosx-installation-pkg.html> for Mac  
<http://dev.mysql.com/downloads/os-linux.html> for Linux
- Start MySQL using  
`mysql -u root -p`

## Fundamental of PHP

- PHP is installed on web server
- Web server can be Apache
- Server parses files based on extensions
- Returns plain HTML, no code.



## Sample of PHP

```
<?
    mysql_connect("web7", "username", "pw");
    mysql_select_db("dbname");

    $sql = "SELECT * FROM info";
    $result = mysql_query($sql);
?>
```

## Tutorial of PHP

- <http://php.net/manual/en/tutorial.php>
- <http://www.w3schools.com/php/default.asp>

## Thank you!

- In order to make sure the uniform grading policy, we strongly encourage using PHP as script language and MySQL as database.
- Please upload your codes to [mallard.auburn.edu](http://mallard.auburn.edu). The bottom line is that you have a static IP address so that I can access your webpage remotely.
- The early bird gets the worm!