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Languages and Software to Be Used (Cont.)

Linux Operating System

The Linux kernel is an operating system kernel used by the Linux family of Unix-like operating systems. Linux is a free software package that allows users to create their own operating system and then redistribute and reconfigure it for free.

MySQL Database Management System (DBMS)

MySQL is a relational DBMS that runs as a server providing multi-user access to a number of databases.

```
<html>
<body>
  <?php
    $userid   = "wenchen";
    $password = ".....";
    $host     = "mysqldev.aero.und.edu";
    $conn = mysql_connect( $host, $userid, $password );
    if ( $conn ) {
      echo "Successfully connect to MySQL!";
      mysql_close( $conn );
    }
    else { die( 'Fail: ' . mysql_error( ) ); }
  ?>
</body>
</html>
```

PHP (HyperText Preprocessor)

PHP is a general-purpose server-side scripting language which can be embedded into HTML to create a wide variety of mini-applications, but can also be used to build large-scale complex applications.

```
<html>
<body>
  <?php
    echo "Pick: ";
    $cars = $_POST[cars];
```

```
    foreach ( $cars as $car )  
        echo "$car ";  
?>  
</body>  
</html>
```

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