

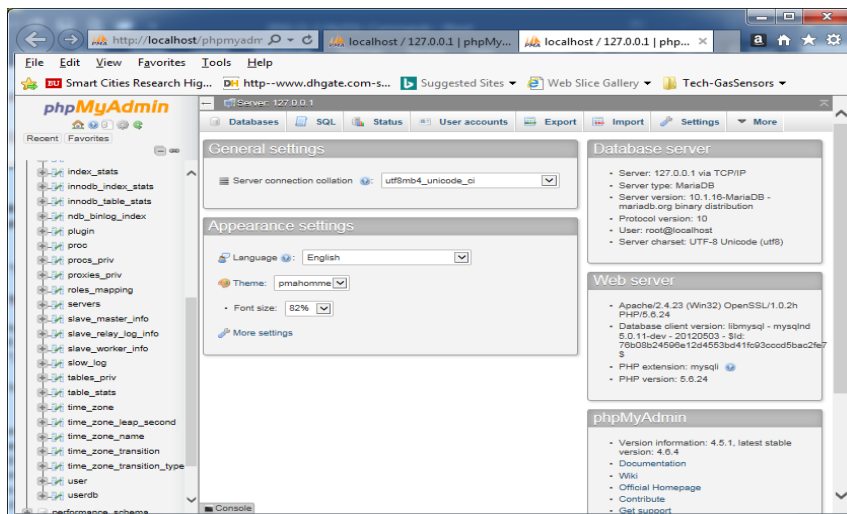
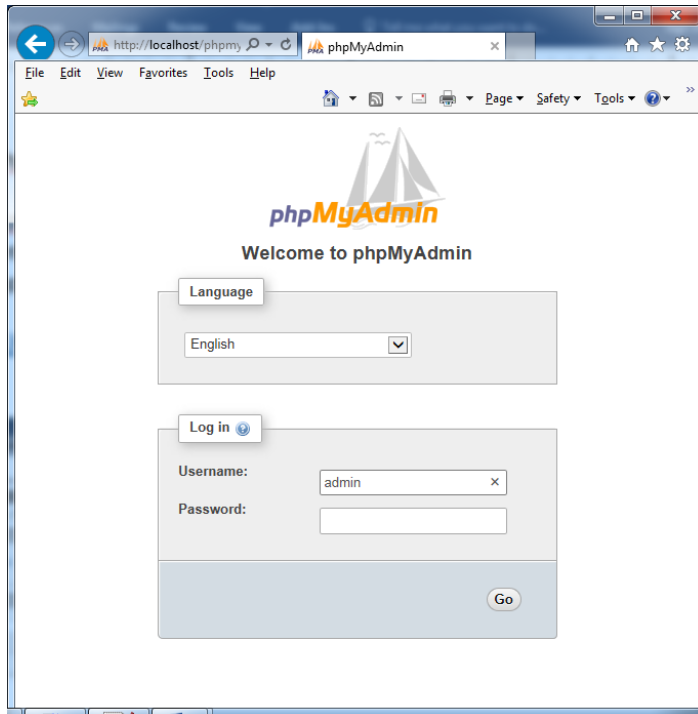
ITC 250/CPET 499 Web Systems
Oct. 26, 2017
phpMyAdmin Console and MySQL Database

How to Manage MySQL using phpMyAdmin, <https://www.siteground.com/tutorials/phpmyadmin/>

- Database Management Tasks: create, alter, drop, delete, import, export MySQL database tables
- Run MySQL queries, optimize, repair and check tables, etc

Login to phpMyAdmin: <http://localhost/phpmyadmin>

- A. If no users have been setup, use “admin”, with no password to login



How to set phpMyAdmin password on XAMPP server

- A. Login to phpMyAdmin without Password:
- B. Go to c:\xampp\phpMyAdmin" and find "config.inc.php" file
- C. Use a text editor such as "Notepad++"
Change: \$cfg['Servers'][\$i]['auth_type'] = 'config'
TO: \$cfg['Servers'][\$i]['auth_type'] = 'cookie'

```
<?php
/*
 * This is needed for cookie based authentication to encrypt password in
 * cookie
 */
$cfg['blowfish_secret'] = 'xampp'; /* YOU SHOULD CHANGE THIS FOR A MORE SECURE COOKIE AUTH! */

/*
 * Servers configuration
 */
$i = 0;

/*
 * First server
 */
$i++;
/* Authentication type and info */
$cfg['Servers'][$i]['auth_type'] = 'cookie'; //was: 'config'
$cfg['Servers'][$i]['user'] = 'root';
$cfg['Servers'][$i]['password'] = ''; // change it to your password
$cfg['Servers'][$i]['extension'] = 'mysqli';
$cfg['Servers'][$i]['AllowNoPassword'] = true;
$cfg['Lang'] = '';
/* Bind to the localhost ipv4 address and tcp */
$cfg['Servers'][$i]['host'] = '127.0.0.1';
$cfg['Servers'][$i]['connect_type'] = 'tcp';
/* User for advanced features */
$cfg['Servers'][$i]['controluser'] = 'pma';
$cfg['Servers'][$i]['controlpass'] = '';
/* Advanced phpMyAdmin features */
$cfg['Servers'][$i]['pmadb'] = 'phpmyadmin';
$cfg['Servers'][$i]['bookmarktable'] = 'pma__bookmark';
$cfg['Servers'][$i]['relation'] = 'pma__relation';
$cfg['Servers'][$i]['table_info'] = 'pma__table_info';
$cfg['Servers'][$i]['table_coords'] = 'pma__table_coords';
$cfg['Servers'][$i]['pdf_pages'] = 'pma__pdf_pages';
$cfg['Servers'][$i]['column_info'] = 'pma__column_info';
$cfg['Servers'][$i]['history'] = 'pma__history';
$cfg['Servers'][$i]['designer_coords'] = 'pma__designer_coords';
$cfg['Servers'][$i]['tracking'] = 'pma__tracking';
```

```

$cfg['Servers'][$i]['userconfig'] = 'pma__userconfig';
$cfg['Servers'][$i]['recent'] = 'pma__recent';
$cfg['Servers'][$i]['table_uiprefs'] = 'pma__table_uiprefs';
$cfg['Servers'][$i]['users'] = 'pma__users';
$cfg['Servers'][$i]['usergroups'] = 'pma__usergroups';
$cfg['Servers'][$i]['navigationhiding'] = 'pma__navigationhiding';
$cfg['Servers'][$i]['savedsearches'] = 'pma__savedsearches';
$cfg['Servers'][$i]['central_columns'] = 'pma__central_columns';
$cfg['Servers'][$i]['designer_settings'] = 'pma__designer_settings';
$cfg['Servers'][$i]['export_templates'] = 'pma__export_templates';
$cfg['Servers'][$i]['favorite'] = 'pma__favorite';

```

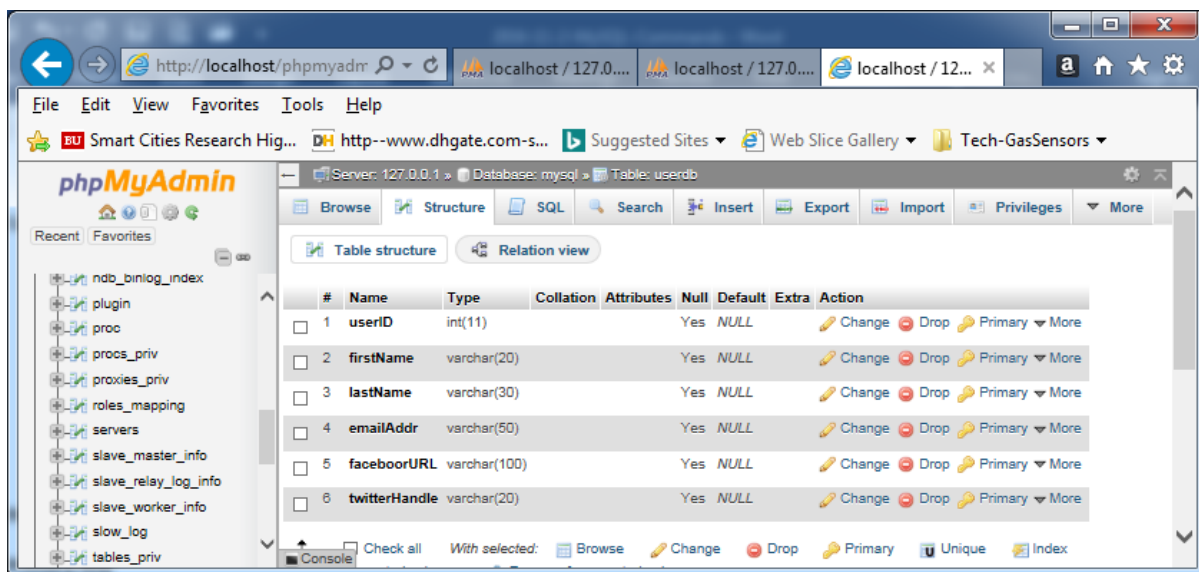
```

/*
 * End of servers configuration
 */

```

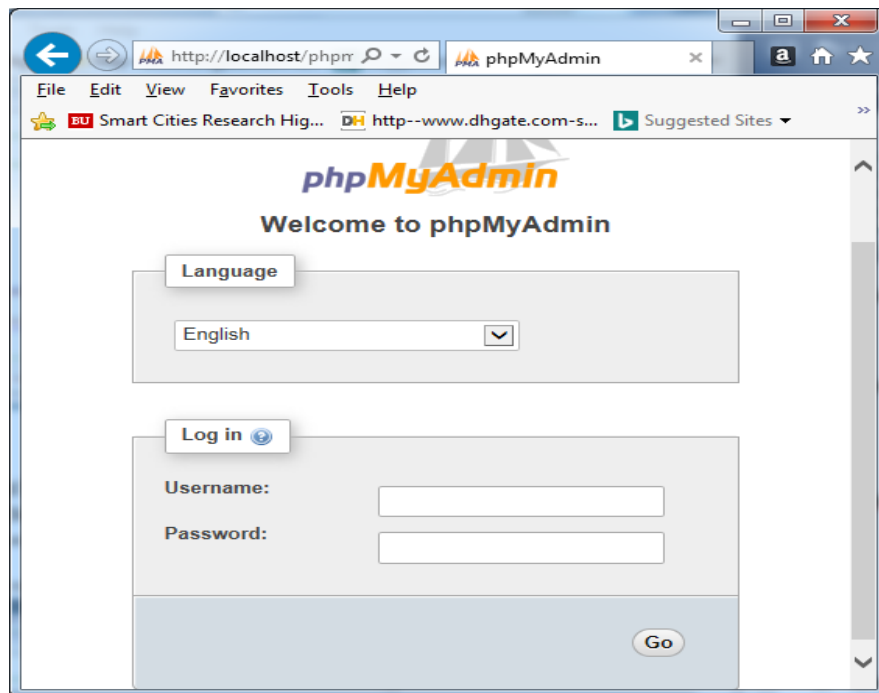
?>

View Data Tables from phpMyAdmin

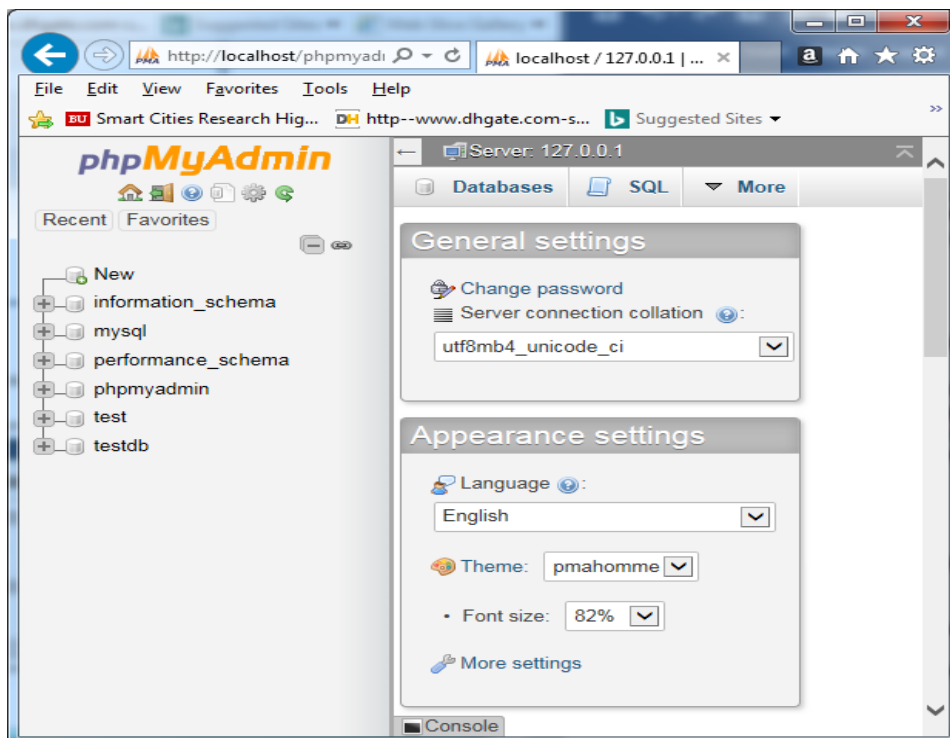


C) phpMyAdmin Password

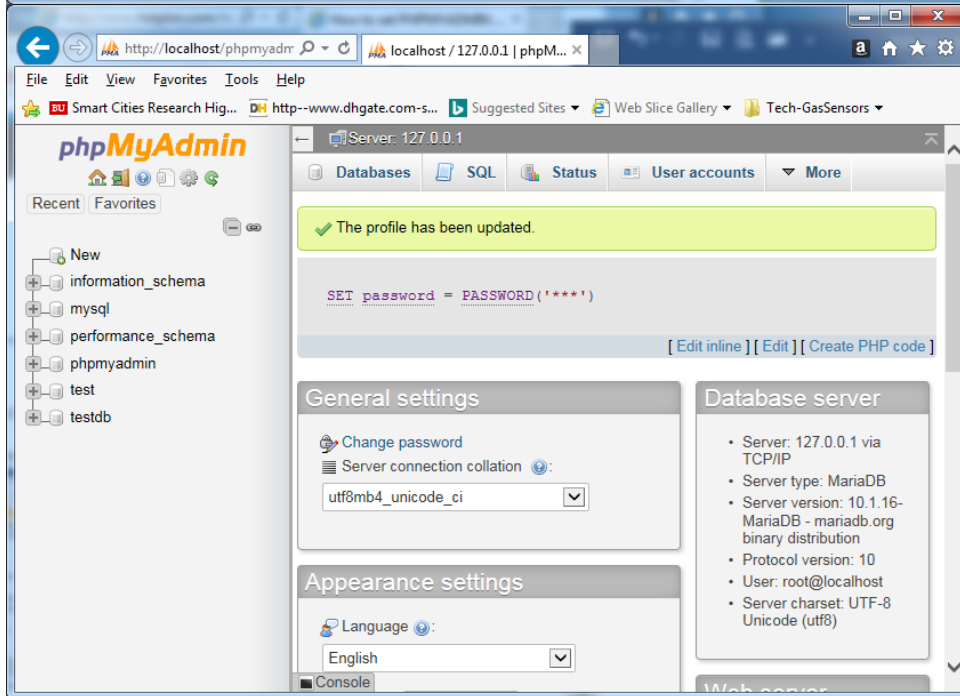
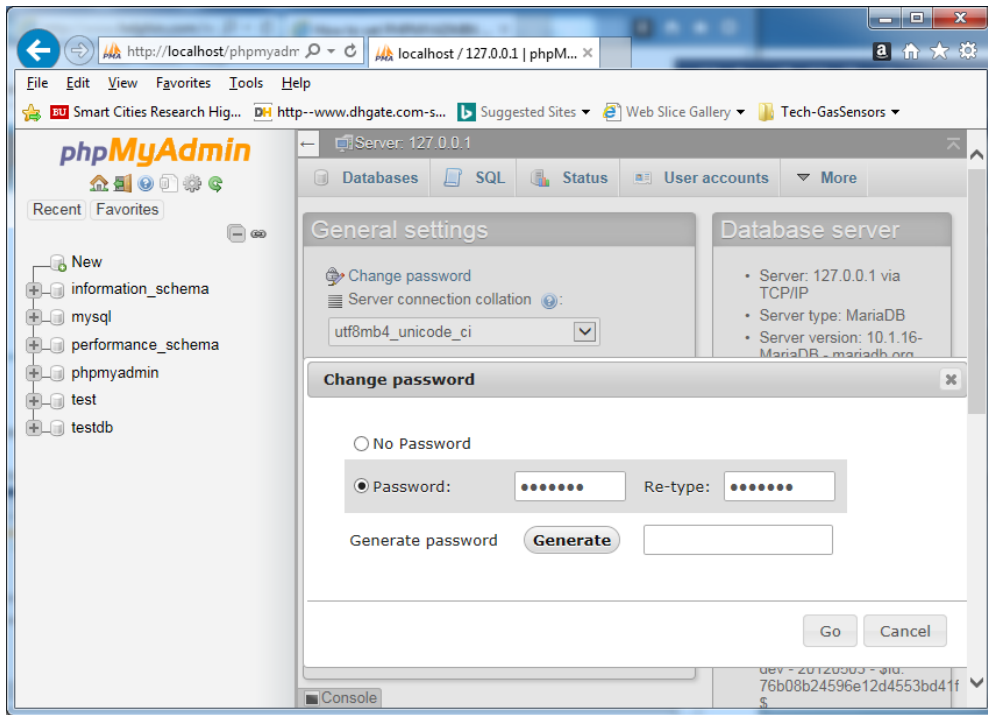
- Go to "c:\xampp\phpMyAdmin" directory and find "Config.inc.php" file
- Open Config.inc.php with a text editor:
 - Change: `$cfg['Servers'][$i]['auth_type']='config'`
 - To: `$cfg['Servers'][$i]['auth_type']='cookie'`
- Save the file
- Open a web browser: <http://localhost/phpmyadmin/>

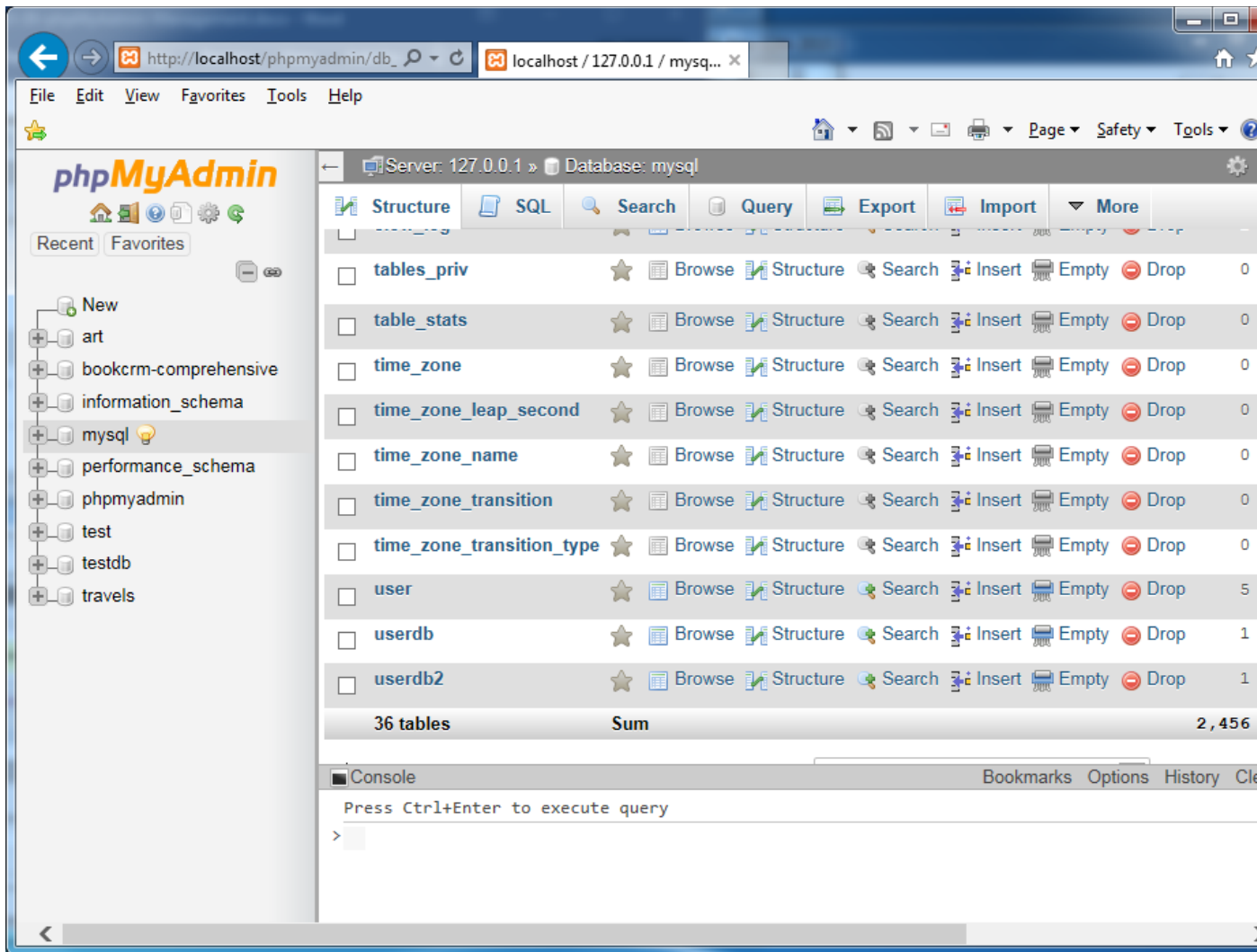


- Enter “root” in Username
- Leave Password Null, press Go button



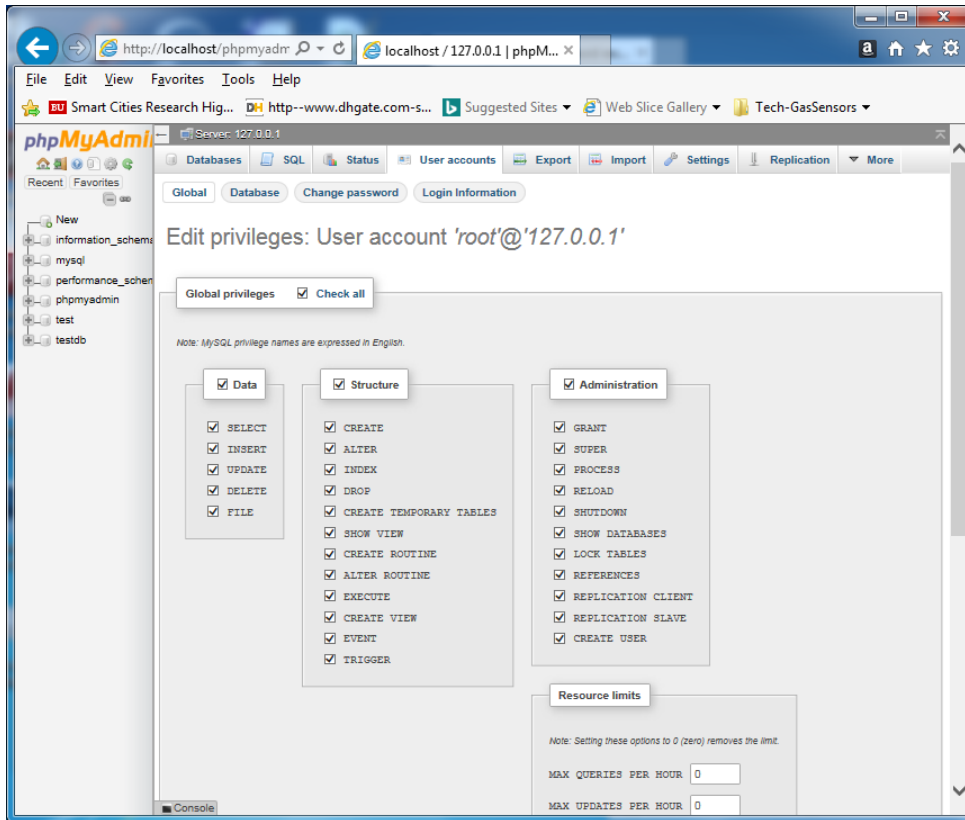
- Click “Change password”
- Enter “your_new_password”, Reenter, Hit “Go”



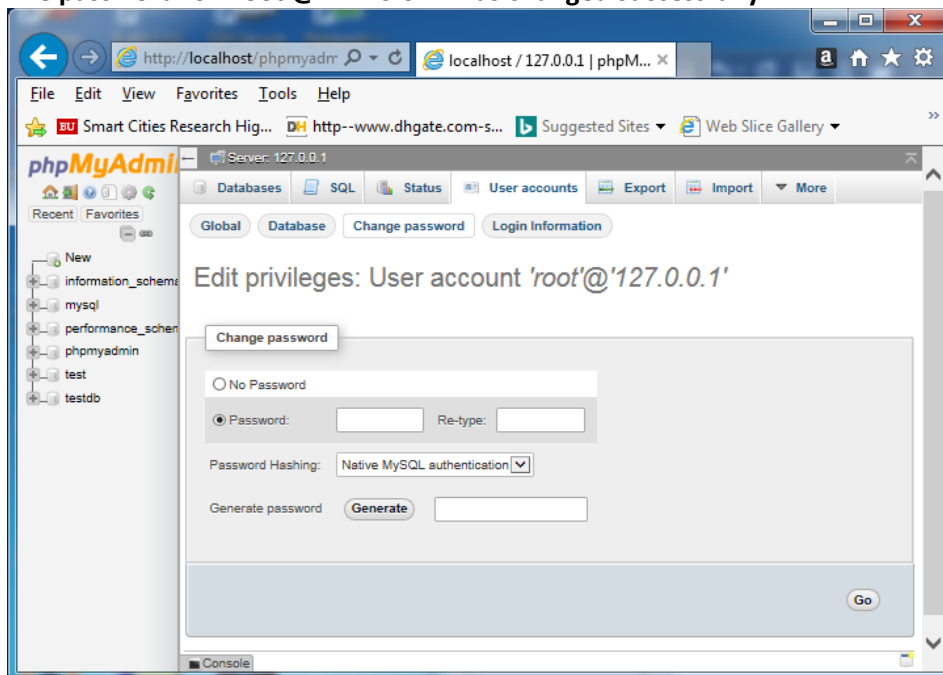


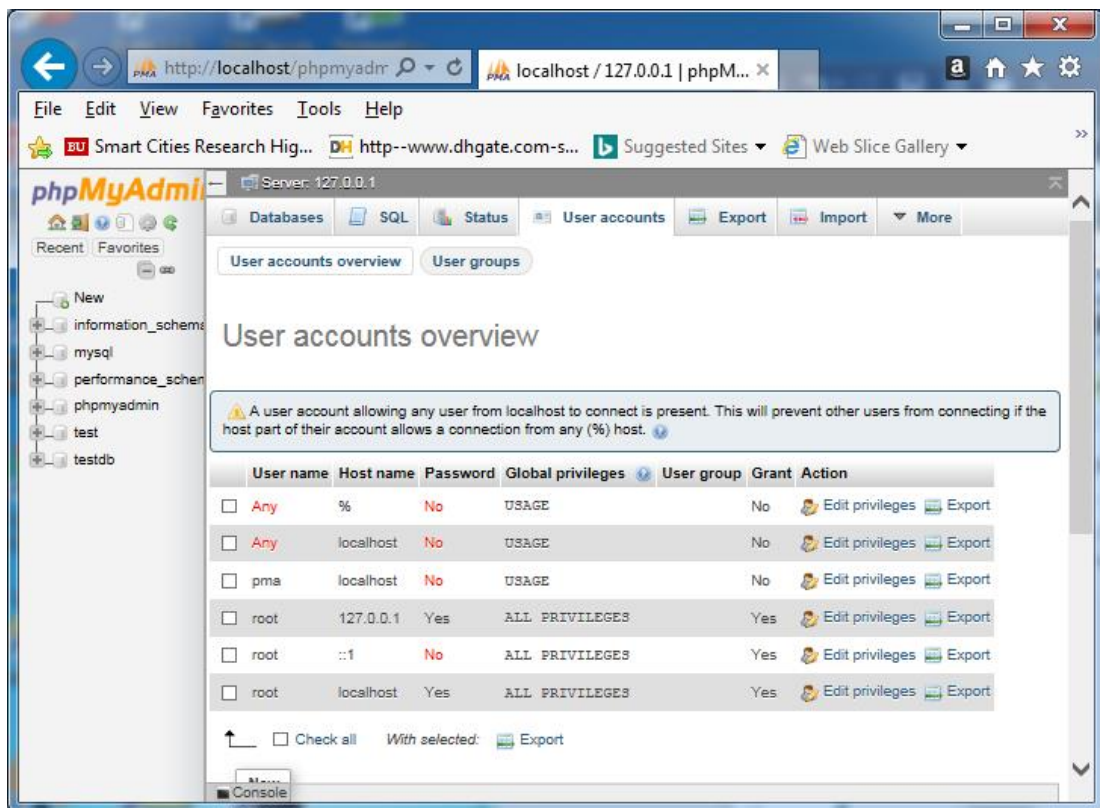
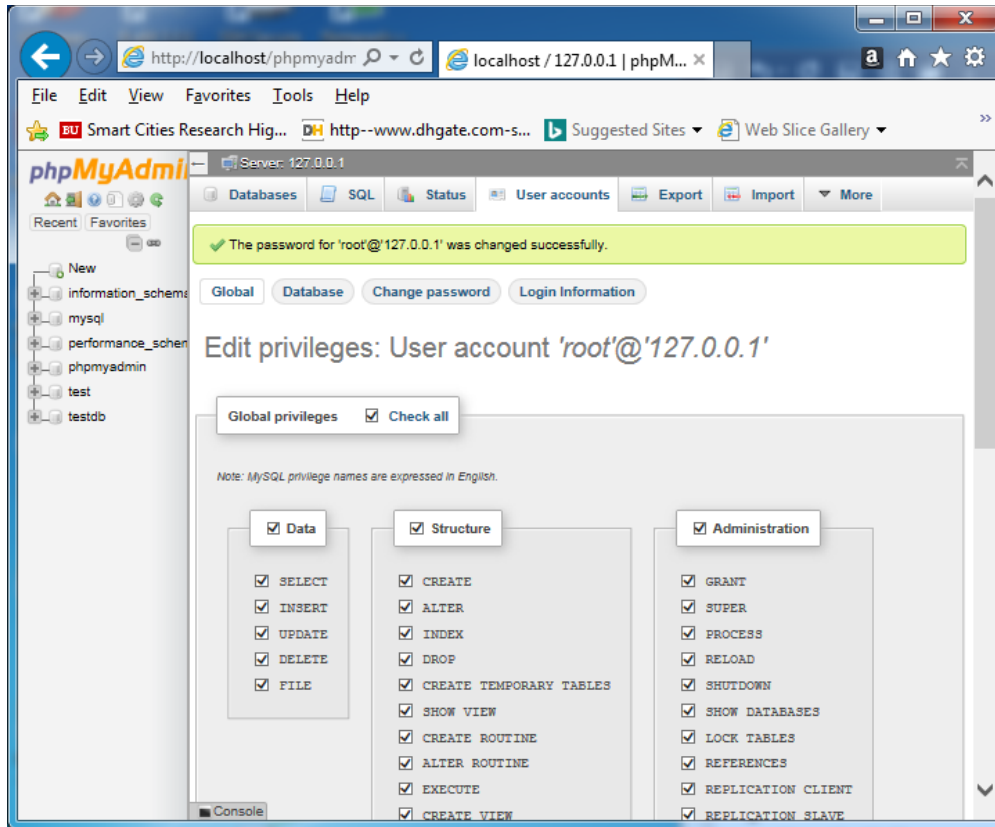
D) MySQL Password

- Click on "User accounts"
- Click on "Edit privileges": root 127.0.0.1



- Under “User accounts”, Click on “Change password”, to see another Dialog box
- Enter “your_new_password”
- The password for ‘root’@‘127.0.0.1’ was changed successfully





E) Grant Other Users to Access Database

- From the Shell connect to MySQL as an Administrator
> `mysql -u root -p mysql`
- On the mysql prompt, you type
> `grant all privileges on DATA_BASE_NAME.* to USERNAME@localhost identified by 'PASSWORD';`
> `flush privileges;`
> `\q`

F) Planning Database Table

- Data Tables
- Entity of a Table
- ID (AUTO_INCREMENT, PRIMARY KEY)
- Constraints: NOT NULL

Customer/User Info Table

- User ID
- First Name
- Last Name
- Email Address
- Street Address
- State
- Country
- Browser Type
- Computer Type