

# Development Process: Website with Database

*Typical...*



1. Coder sets up a database on their own localhost
2. Coder adds some sample data
3. Coder exports their database and shares it (through Github) with the team
4. The IA and Designer import the database on their localhost
5. Everyone does their development work using their own database; any changes to the structure of the database requires everyone to go through this process again

# New Development Process (hopefully)

1. Coder sets up a database on the third-party host (Bluehost)
2. Coder adds some sample data
3. Coder adds their IP address to the third-party's "Remote MySQL Database Access" list
4. Coder shares the connection info with the team
5. Everyone adds their IP address to the third-party's "Remote MySQL Database Access" list
6. Everyone does their development work normally (except they need to be online to access the database)

# Using a Remote Database

*Using the new, remote database process (hopefully)*

- User the hosting company's process to setup a new database → 
  - Database: **urcscon3\_cityna**
  - User: **urcscon3\_cityna**
  - Password: **coffee1N**
  - Privileges: **ALL**
- Register your IP with the hosting company →   
*(this is a Bluehost-specific thing)*
- Test the remote database connection (**testmysql-remote.php**)
  - If you work on your website (with remote database) from a new location, you may need to re-register your IP

# CSC 174 databases

## Database names and Database Usernames

- Amsterdam `urcscon3_amster` ✓
- Beijing `urcscon3_beijin` ✓
- Bumble Bee `urcscon3_bumble`
- Chicago `urcscon3_chicag` ✓
- Granada `urcscon3_granad`
- Hell `urcscon3_hell00` ✓
- Idiotville `urcscon3_idiotv`
- Juneau `urcscon3_juneau`
- Lagos `urcscon3_lagos0`
- Maui `urcscon3_maui00` ✓
- Medellin `urcscon3_medell` ✓
- Murmansk `urcscon3_murman`
- New York `urcscon3_newyor`
- Phoenix `urcscon3_phoeni`
- Shanghai `urcscon3_shangh`
- Stockholm `urcscon3_stockh` ✓
- Tokyo `urcscon3_tokyo0` ✓

Bluehost location: `66.147.242.186`

Password for all database user accounts: `coffee1N`

# Assignment 4

## Proposed assignment...

- Information Architect
  - Fork an Assignment 3
  - ADD a forth student - one that CONTRASTs with the other three
  - Rebuild the content to highlight the contrast
- Designer
  - Use visual design principles to highlight the difference with the one, different student
- Coder
  - Add an HTML fill-in form that does an INSERT into a MySQL database
  - NOTE: IA must