# IST 510 Project settings

## Database setup

We use MySQL database installed on my lab desktop, which is accessible from within IST domain. The database server address is *jessieli-ubuntu.ist.psu.edu*, which can be accessed with username “ist510” and password “ist510”.

mysql -h jessieli-ubuntu.ist.psu.edu -u ist510 -p

User and tables are created with as follows.

CREATE USER “ist510”@”%” IDENTIFIED BY “ist510”;

CREATE DATABSE IF NOT EXISTS ist510quote;

GRANT ALL ON ist510quote.\* TO “ist510”@”%”;

CREATE TABLE IF NOT EXISTS quote\_record (

company VARCHAR( 200 ),

phone INTEGER,

price DOUBLE,

duration INTEGER,

id INTEGER NOT NULL AUTO\_INCREMENT,

key( id)

);

## Git Repository setup

I have created one revision control repository for this team project. The url of our project is:

[git@github.com:thekingofkings/diesqnu.git](mailto:git@github.com:thekingofkings/diesqnu.git)

After installing git, use the following command to retrieve our git repository:

git clone [git@github.com:thekingofkings/diesqnu.git](mailto:git@github.com:thekingofkings/diesqnu.git) <local folder name, I’ll recommend ist510prj>

Suggested daily development workflow:

1. Before adding new codes, use git pull to retrieve new content from server.

git pull

1. Merge the conflict, if there is any.
2. Write code. Please constantly commit to keep all the changes. Note: commit operation only saves new code locally.

git add <file name>

git rm <file name>

git commit -m “<a short description of what’s new>”

1. Upload local code to remote repository, so that everybody can share the updates.

git push

## Django Setup

Start the Django web server. Go to the project directory and then use following command:

python manage.py runserver <address and ports, e.g. localhost:8001>

Then the server should be running. Go to the web browser to visit localhost:8001, and you should see a welcome page.