

Manual Testing Guide

Upon implementation of a new feature:

`python manage.py makemigrations`

`Python manag`

1. Test via command line
 - a. “python manage.py makemigrations”
 - b. “python manage.py migrate”
 - c. “python manage.py shell”
 - d. Import new (and dependant) models
 - e. Create instance of new model (`m = Model()`)
 - f. Add attribute fields (`m.name = “new model” etc.`)
 - g. Save object (`m.save()`)
 - h. Optional: test functions if they exist (`m.runFunc(args)`)
2. Test via web browser interface
 - a. “python manage.py runserver”
 - b. Open browser, navigate to local or remote version of site
 - c. Login with required account type (customer or owner)
 - d. If `urls.py` was edited, navigate to each new url path
 - e. If `views.py` was edited, navigate through each redirect or render path created
 - f. Load each template that was edited.
 - g. Test new functions or fields in `models.py` that were edited
3. Push changes and read commits on GitHub
 - a. After thorough testing locally, “git add <files>”
 - b. “git commit -m <msg>”
 - c. “git pull” and fix merge conflicts
 - d. “git push” and verify merge conflicts were fixed
 - e. Go to GitHub repository online and read through each added/deleted line.
 - f. Contact everyone through slack, letting them know what was changed.
 - g. Have at least 1 person test your changes (using this guide or an automated one).