



NYC Water Charges

Dev/Building User Manual

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Log In

For demonstration purposes, I created some development accounts. Feel free to skip the Sign Up section and log in with one of the following accounts:

Username: lefferts25
Password: lefferts25

Username: belmont5
Password: belmont5

Username: berry6
Password: berry6

 NYC WATER CHARGES

Welcome [Sign Up](#)

Log In

Username

Password

☐ Remember Me

[Login](#)

Need An Account? [Sign Up Now](#)

107
Developments

523
Buildings

757
Meters

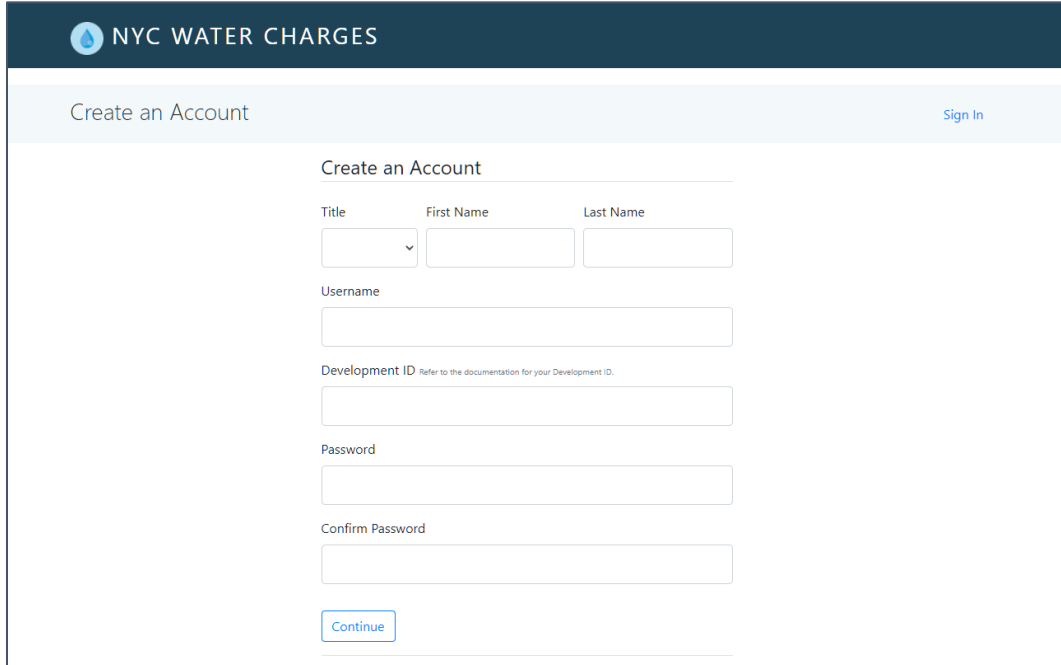
34,627
Bills

About this Project

This web application was created for CISC 3810. The goal of this project was to create a full stack application, complete with a database layer, business layer and a user-friendly front end interface. I stored the data in a PostgreSQL database, which I then hosted on Heroku. I used Python for the business layer, with

Sign Up

Note that there is only one admin account, which has already been created. Any user signing up will be signing up as a Development/Building user and will have to use the associated Development ID.



The screenshot shows a web form titled "NYC WATER CHARGES" with a sub-header "Create an Account". In the top right corner of the form area, there is a "Sign In" link. The form fields include: "Title" (a dropdown menu), "First Name" (a text input), "Last Name" (a text input), "Username" (a text input), "Development ID" (a text input with a note: "Refer to the documentation for your Development ID."), "Password" (a text input), and "Confirm Password" (a text input). A "Continue" button is located at the bottom of the form.

To create an account for a specific development, create a username and password and choose the associated Development ID. Only numbers 1-127 can be used. Refer to list of developments and Development IDs below. *(Note: Please create accounts for **Brooklyn developments only**, since I deleted the data for all other boroughs due to space constraints on Heroku.)*

List of Developments and Development IDs

Dev_id	Name	Borough
1	154 WEST 84TH STREET	MANHATTAN
2	ARMSTRONG I	BROOKLYN
3	BAISLEY PARK	QUEENS
4	BAY VIEW	BROOKLYN
5	BELMONT-SUTTER AREA	BROOKLYN
6	BERRY STREET-SOUTH 9TH STREET	BROOKLYN
7	BETANCES III, 9A	BRONX
8	BETANCES VI	BRONX
9	BOULEVARD	BROOKLYN
10	BOYNTON AVENUE REHAB	BRONX
11	BRYANT AVENUE-EAST 174TH STREET	BRONX


12	BUSHWICK II (GROUPS A & C)	BROOKLYN
13	BUSHWICK II (GROUPS B & D)	BROOKLYN
14	BUSHWICK II CDA (GROUP E)	BROOKLYN
15	CLAREMONT REHAB (GROUP 2)	BRONX
16	CLAREMONT REHAB (GROUP 4)	BRONX
17	CLINTON	MANHATTAN
18	CONLON LIHFE TOWER	QUEENS
19	CROWN HEIGHTS	BROOKLYN
20	EAST 004TH STREET REHAB	MANHATTAN
21	EAST 152ND STREET-COURTLANDT AVENUE	BRONX
22	EAST 165TH STREET-BRYANT AVENUE	BRONX
23	EAST 173RD STREET-VYSE AVENUE	BRONX
24	EAST NEW YORK CITY LINE	BROOKLYN
25	FENIMORE-LEFFERTS	BROOKLYN
26	FHA REPOSSESSED HOUSES (GROUP I)	FHA
27	FHA REPOSSESSED HOUSES (GROUP II)	FHA
28	FHA REPOSSESSED HOUSES (GROUP III)	FHA
29	FHA REPOSSESSED HOUSES (GROUP IV)	FHA
30	FHA REPOSSESSED HOUSES (GROUP IX)	FHA
31	FHA REPOSSESSED HOUSES (GROUP V)	FHA
32	FHA REPOSSESSED HOUSES (GROUP V)	FHA
33	FHA REPOSSESSED HOUSES (GROUP VI)	FHA
34	FHA REPOSSESSED HOUSES (GROUP VII)	FHA
35	FHA REPOSSESSED HOUSES (GROUP VII)	FHA
36	FHA REPOSSESSED HOUSES (GROUP VIII)	FHA
37	FHA REPOSSESSED HOUSES (GROUP X)	FHA
38	FHA REPOSSESSED HOUSES (GROUP X)	FHA
39	FIRST HOUSES	MANHATTAN
40	FORT WASHINGTON AVENUE REHAB	MANHATTAN
41	FRANKLIN AVENUE I CONVENTIONAL	BRONX
42	FRANKLIN AVENUE II CONVENTIONAL	BRONX
43	FRANKLIN AVENUE III CONVENTIONAL	BRONX
44	GOMPERS	MANHATTAN
45	HARRISON AVENUE REHAB (GROUP B)	BRONX
46	HIGHBRIDGE REHABS (ANDERSON AVENUE)	BRONX
47	HOWARD AVENUE	BROOKLYN
48	HOWARD AVENUE-PARK PLACE	BROOKLYN
49	HUNTS POINT AVENUE REHAB	BRONX
50	INGERSOLL	BROOKLYN
51	INGERSOLL	BROOKLYN
52	INTERNATIONAL TOWER	QUEENS
53	LONGFELLOW AVENUE REHAB	BRONX
54	LOWER EAST SIDE I INFILL	MANHATTAN
55	LOWER EAST SIDE II	MANHATTAN

56	LOWER EAST SIDE III	MANHATTAN
57	LOWER EAST SIDE REHAB (GROUP 5)	MANHATTAN
58	MANHATTANVILLE REHAB (GROUP 2)	MANHATTAN
59	MARCY AVENUE-GREENE AVENUE SITE B	BROOKLYN
60	MARLBORO	BROOKLYN
61	MELROSE	BRONX
62	MORRISANIA AIR RIGHTS	BRONX
		NON DEVELOPMENT
63	NDF - CENTRAL MAINTENANCE SHOP, 23 ASH ST	FACILITY
64	NOSTRAND	BROOKLYN
65	OCEAN BAY APARTMENTS (OCEANSIDE)	QUEENS
66	OCEAN HILL-BROWNSVILLE	BROOKLYN
67	PARK ROCK REHAB	BROOKLYN
68	POLO GROUNDS TOWERS	MANHATTAN
69	QUEENSBRIDGE NORTH	QUEENS
70	QUEENSBRIDGE SOUTH	QUEENS
71	RALPH AVENUE REHAB	BROOKLYN
72	RANGEL	MANHATTAN
73	RED HOOK EAST	BROOKLYN
74	REHAB PROGRAM (COLLEGE POINT)	QUEENS
75	REHAB PROGRAM (TAFT REHABS)	MANHATTAN
76	REID APARTMENTS	BROOKLYN
77	SAMUEL (CITY)	MANHATTAN
78	SAMUEL (MHOP) I	MANHATTAN
79	SAMUEL (MHOP) II	MANHATTAN
80	SHELTON HOUSE	QUEENS
81	SMITH	MANHATTAN
82	SOTOMAYOR HOUSES	BRONX
83	SOUTH BRONX AREA (SITE 402)	BRONX
84	SOUTH JAMAICA I	QUEENS
85	SOUTH JAMAICA II	QUEENS
86	STANTON STREET	MANHATTAN
87	STAPLETON	STATEN ISLAND
88	STEBBINS AVENUE-HEWITT PLACE	BRONX
89	STERLING PLACE REHABS (SAINT JOHNS-STERLING)	BROOKLYN
90	STERLING PLACE REHABS (STERLING-BUFFALO)	BROOKLYN
91	STUYVESANT GARDENS II	BROOKLYN
92	TAFT	MANHATTAN
93	TAPSCOTT STREET REHAB	BROOKLYN
94	TAPSCOTT STREET REHAB	FHA
95	THOMAS APARTMENTS	MANHATTAN
96	UNION AVENUE-EAST 166TH STREET	BRONX
97	UPACA (SITE 5)	MANHATTAN
98	UPACA (SITE 6)	MANHATTAN

99	VAN DYKE I	BROOKLYN
100	WASHINGTON HEIGHTS REHAB (GROUPS 1&2)	MANHATTAN
101	WASHINGTON HEIGHTS REHAB PHASE III	MANHATTAN
102	WASHINGTON HEIGHTS REHAB PHASE IV (C)	MANHATTAN
103	WASHINGTON HEIGHTS REHAB PHASE IV (D)	MANHATTAN
104	WEST FARMS ROAD REHAB	BRONX
105	WEST FARMS SQUARE CONVENTIONAL	BRONX
106	WHITMAN	BROOKLYN
107	WILLIAMSBURG	BROOKLYN

View Your Buildings

After you log in, you will automatically be redirected to your list of buildings. Note that as a Dev/Building user, you do not have the option to view other developments or other buildings.


NYC WATER CHARGES

[Home](#)
[About This Project](#)
[Logout](#)


Buildings
/ Development: BERRY STREET-SOUTH 9TH STREET / Buildings: All

List of Buildings

Borough: **BROOKLYN**

Development: **BERRY STREET-SOUTH 9TH STREET**

✓ Logged in as: berry6



Search:

Development	Bldg ID	Location	Charges	RC Code
BERRY STREET-SOUTH 9TH STREET	13	BLD 01	View charges	K035700
BERRY STREET-SOUTH 9TH STREET	14	BLD 02	View charges	K035700
BERRY STREET-SOUTH 9TH STREET	15	BLD 03	View charges	K035700
BERRY STREET-SOUTH 9TH STREET	16	BLD 04	View charges	K035700

Showing 1 to 4 of 4 entries

107

523

757

34,627


Developments
Buildings
Meters
Bills

About this Project

Monthly consumption and cost data by borough and development. Data set includes utility vendor and meter information. Data retrieved from NYC Open Data. Data provided by New York City Housing Authority (NYCHA).

View Your Bills

1. To view the charges associated with that building, click on **View charges**. Note that as a user, you do NOT have the option to delete or edit a bill.


**NYC WATER CHARGES**

Home Documentation Log

Buildings / Development: FENIMORE-LEFFERTS / Building

List of Buildings


Borough: BROOKLYN
Development: FENIMORE-LEFFERTS
Development ID: 25
Logged in as: lefferts25



Search:

Development	Bldg ID	Location	Charges	RC Code
FENIMORE-LEFFERTS	57	BLD 01	View charges	K020500
FENIMORE-LEFFERTS	58	BLD 02	View charges	K020500
FENIMORE-LEFFERTS	59	BLD 03	View charges	K020500
FENIMORE-LEFFERTS	60	BLD 04	View charges	K020500
FENIMORE-LEFFERTS	61	BLD 05	View charges	K020500

2. You will be presented with a list of bills associated with that building.


**NYC WATER CHARGES**

Home Documentation Logout

Charges / Development: FENIMORE-LEFFERTS / Building: BLD 03

Charges for BLD 03

Borough: BROOKLYN
Development: FENIMORE-LEFFERTS
Development ID: 25
Logged in as: lefferts25



Search:

Bill ID	Building	Revenue Month	Start	End	Charges	Days
2087	BLD 03	2020-04	2020-03-23	2020-04-23	\$355.99	31
2086	BLD 03	2020-03	2020-02-24	2020-03-23	\$134.34	28
2085	BLD 03	2020-02	2020-01-27	2020-02-24	\$919.73	28
2084	BLD 03	2020-01	2020-01-05	2020-01-27	\$992.07	22
2083	BLD 03	2019-12	2019-12-23	2020-01-05	\$103.34	13
2081	BLD 03	2019-11	2019-10-22	2019-11-24	\$134.34	33
2080	BLD 03	2019-10	2019-09-22	2019-10-22	\$134.34	30
2079	BLD 03	2019-09	2019-08-24	2019-09-22	\$62.00	29