

Web Architecture:

Team1_code

- locallibrary
 - catalog
 - locallibrary
 - templates
 - manage.py
 - db.sqlite3

Run server locally:

1. Go to the same directory as manage.py
2. Use the command: python3 manage.py runserver
3. Browsing <http://127.0.0.1:8000/catalog/> for frontend page
4. Browsing <http://127.0.0.1:8000/admin/> for backend page

After modifying projects:

1. Use the command: python3 manage.py makemigrations
2. Use the command: python3 manage.py migrate

Borrow bikes:

1. Use the command: python3 borrow.py

Create user:

1. Use the command: python3 create_user.py

Create bike:

1. Use the command: python3 create_bike.py

Detail of frontend page:

1. Home
Brief introduction of the project and show all bike brands, numbers and numbers available.
2. All bikes
Display all bikes with their information we have in our database such as bike model, bike owner, bike status, borrower and their card number, etc.
3. Login
Users can log in their accounts.

4. My Borrowed

After login, user can check bikes borrowed by themselves.

Detail of backend page:

1. Admin login

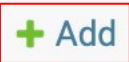
Username: admin

Password: b07611008

2. Create user

(1) Press Add

Users



(2) Fill in bank spaces

Add user

First, enter a username and password. Then, you'll be able to edit more user options.

Username:	<input type="text"/>	Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.
Password:	<input type="password"/>	Your password can't be too similar to your other personal information. Your password must contain at least 8 characters. Your password can't be a commonly used password. Your password can't be entirely numeric.
Password confirmation:	<input type="password"/>	Enter the same password as before, for verification.

Save and add another

Save and continue editing

SAVE

3. Create bike

(1) Press Add

Bike instances



(2) Fill in bank spaces

Add bike instance

Bike:	<div><div></div><div></div><div></div><div></div><div></div></div>
Bike model:	<input type="text"/>
Color:	<input type="text"/>
Owner:	<input type="text"/>
Id:	<div>8e878316-c5c5-4eab-a54e-590b983d9137</div> <div>Unique ID for this particular bike across whole library</div>

4. Borrow bike

(1) Press Bike Instance

Bike instances

+ Add

(2) Select the bike

Select bike instance to change

Action:	<input type="text"/>	<input type="button" value="Go"/>	0 of 4 selected							
<input type="checkbox"/>	BIKE	BIKE MODEL	COLOR	OWNER	STATUS	BORROWER	CARD NUMBER	DUE BACK		ID
<input type="checkbox"/>	Other	00000005	yellow	kjcw	Available	-	-	-		3887eece-e5e3-470b-9ec3-64cbd1c67975
<input type="checkbox"/>	Merida	00000001	blue	b07611008	On loan	user1	6933195847	Jan. 24, 2022		43628325-20c2-4fae-b30c-e445f55f3f6f
<input type="checkbox"/>	Giant	00000002	red	b07611008	On loan	user1	6933195847	Jan. 31, 2022		d71f367a-2d08-472f-8943-e239b047fe2e
<input type="checkbox"/>	Giant	00000001	white	b07611008	Available	-	-	Jan. 31, 2022		98a48098-e532-4f9f-9668-7bc39eec67e1

4 bike instances

(3) Save

Availability

Status:

On loan

Bike availability

Due back:

2022-01-24

Today

Borrower:

user1

Card number:

6933195847

Delete

Save and add another

Save and continue editing

SAVE