

NYC Capital Budget Explorer

Team Members

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Users

The Users collection will store registered users who can interact with the application, such as viewing capital projects, accessing saved filters, managing settings, or performing administrative tasks.

```
{
  "_id": ObjectId("..."),
  "firstName": "Emmanuel",
  "lastName": "Okoro",
  "email": "emmanuel@example.com",
  "hashPassword": "$XdvNkfdNIL8....",
  "city": "Queens",
  "state": "New York",
  "gender": "M",
  "Age": "33"
  "role": "user",
  "createdAt": "2025-04-10T12:00:00Z",
  "updatedAt": "2025-04-10T12:00:00Z"
}
```

Fields Description

Field	Type	Required	Description
_id	ObjectId	Yes	A unique global identifier to represent the user.
firstName	String	Yes	A string that represents the first name of the user.
lastName	String	Yes	A string that represents the last name of the user.
email	String	Yes	A unique global string that represents the email of the user.
hashPassword	String	Yes	The password for the user to log in.
city	String	No	The city where the user stays.
state	String	No	The state where the user stays.
gender	String	No	The user's gender identity.
age	Integer	No	The user's age.
role	String	Yes	One of: "user", "admin"
createAt	DateTime	Yes	The data and time when the user signed up.
updatedAt	DateTime	Yes	The data and time when the user updated any of the user's data.

Projects

```
{
  "_id": ObjectId("..."),
  "budget_id": "A123456",
  "reported": "2023",
  "fiscalYear": "2024",
  "borough": "M",
  "boroughFull": "Manhattan",
  "councilDistrict": 5,
  "neighborhoods": [ "Upper East Side", "Roosevelt Island"],
  "sponsor": "Julie Menin",
  "title": "Playground Upgrade",
  "description": "Renovation of XYZ",
  "budgetLine": "CDBG-101",
  "award": 500000
}
```

Fields Description

Field	Type	Required	Description
_id	ObjectId	Yes	A unique global identifier to represent the user.
budget_id	String	Yes	An ID for the award that is unique by year.
reported	Integer	Yes	Fiscal year of report
fiscalYear	Integer	Yes	The Fiscal Year the award was granted.
borough	String	Yes	Borough of grantee.
boroughFull	String	Yes	Borough's full name
councilDistrict	Integer	Yes	"Numeric ID version of "Sponsor". Comma separated list of numeric ID's of representatives supporting funding for the project. Numbers from 1 to 51 represent districts, others represent delegations, caucuses or the Speaker. "
neighborhoods	Array of String	Yes	The list of the project neighborhoods, derived from borough + district.
sponsor	Array of String	Yes	A list of the Representatives, delegations, and/or caucuses supporting funding. There can be multiple Sponsors.
title	String	Yes	A title for the capital project allocation.
description	String	Yes	A description of what the funding will be used for (e.g. "AUDITORIUM UPGRADE" or "ROADWAY RESURFACING")
budgetLine	String	Yes	
award	Decimal	Yes	Amount granted (in dollars) for the capital project represented by the row.