**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. |