**API Endpoints**

For Postman:

APIs: /households

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Method** | **URL** | **Description** | **Request Example** | **Response Example** |
| GET |  | Get all households | http://localhost:8080/api/v1/households |  |
| GET | /{householdId} | Get a household specified by the householdId   * householdId is an Integer | http://localhost:8080/api/v1/households/1 |  |
| POST |  | Create a new household | http://localhost:8080/api/v1/households   * Must include **application/json** in request body * See formatting example at the end of this page |  |

Json format example for creating a household:

{

"id": 0,

"housingType": "HDB" (required)

}

APIs: /grants

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Method** | **URL** | **Description** | **Request Example** | **Response Example** |
| GET | /SEG | Get all eligible students   * Households with members that is/are students of less than 16 years old * Households with annual income of less than $200,000 | http://localhost:8080/api/v1/grants/SEG |  |
| GET | /BSG | Get all eligible babies   * Households with members younger than 8 months old | http://localhost:8080/api/v1/grants/BSG |  |
| GET | /MS | Get all eligible households   * Households with either members less than 18 years old or members above the age of 55 * Households with annual income of less than $150,000 | http://localhost:8080/api/v1/grants/MS |  |
| GET | /EB | Get all eligible elderlies   * HDB households with members above the age of 55 | http://localhost:8080/api/v1/grants/EB |  |
| GET | /YGG | Get all eligible households   * HDB households with annual income of less than $100,000 | http://localhost:8080/api/v1/grants/YGG |  |

APIs: /family-members

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Method** | **URL** | **Description** | **Request Example** | **Response Example** |
| POST |  | Add a new family member to a household | http://localhost:8080/api/v1/family-members   * Must include **application/json** in request body * See formatting example at the end of this page |  |

Json format example for adding a new family member:

{

"id": 0,

"familyId": 1, (required)

"name": "John Smith", (required)

"spouse": null,

"gender": "M", (required)

"occupationType": "Employed", (required)

"maritalStatus": "NA", (required)

"annualIncome": 190, (required – cannot go below 0)

"dob": "1985-12-13" (required – cannot be a future date)

}

Abbreviations:

* Student Encouragement Bonus (SEB)
* Multigeneration Scheme (MS)
* Elder Bonus (BS)
* Baby Sunshine Grant (BSG)
* YOLO GST Scheme (YGG)