Curren Holden

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| Method | **POST** |
| Path | /login |
| Query params | None |
| Path params | None |
| Body type expected | JSON |
| Body content | body.username  body.password |
| Performs | 1. Checks if username and password exist in user collection 2. Generates and assigns JWT token |
| Returns | 200 on success with JWT token  400 if credentials are invalid or nonexistent |

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| --- | --- |
| Method | **POST** |
| Path | /register |
| Query params | None |
| Path params | None |
| Body type expected | JSON |
| Body content | body.username  body.password |
| Performs | 1. Sends data to user collection  2. Hash password |
| Returns | 201 on creation success  400 if credentials are invalid, nonexistent or if fields do not match |

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| --- | --- |
| Method | **DELETE** |
| Path | /delete/:id |
| Query params | None |
| Path params | id |
| Body type expected | None |
| Body content | None |
| Performs | 1. Deletes specified graph and its associated data by ID |
| Returns | 200 on success  400 on failed request if parameter (id) does not exist |

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| --- | --- |
| Method | **GET** |
| Path | /home |
| Query params | None |
| Path params | None |
| Body type expected | None |
| Body content | None |
| Performs | Fetches the graph data from the database.  Each document is taken from the database called **graphs**. |
| Returns | 200 on success - JSON: array of rows & columns  400 on failed request |

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| --- | --- |
| Method | **GET** |
| Path | /graph/:id |
| Query params | None |
| Path params | id |
| Body type expected | None |
| Body content | None |
| Performs | 1. Fetches the specified graphs data from its collection. |
| Returns | 200 on success  400 on failed request if parameter (id) does not exist |

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| --- | --- |
| Method | **POST** |
| Path | /create/type1 |
| Query params | None |
| Path params | type1 |
| Body type expected | JSON |
| Body content | storeLocation |
| Performs | 1. Creates graph object  2. Inserts object into respective collection |
| Returns | 201 on creation success  400 if required fields are invalid or nonexistent |

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| --- | --- |
| Method | **POST** |
| Path | /create/type2 |
| Query params | None |
| Path params | type2 |
| Body type expected | JSON |
| Body content | saleDate |
| Performs | 1. Creates graph object  2. Inserts object into respective collection |
| Returns | 201 on creation success  400 if required fields are invalid or nonexistent |

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| --- | --- |
| Method | **POST** |
| Path | /create/type3 |
| Query params | None |
| Path params | type3 |
| Body type expected | JSON |
| Body content | saleDate |
| Performs | 1. Creates graph object  2. Inserts object into respective collection |
| Returns | 201 on creation success  400 if required fields are invalid or nonexistent |

|  |  |
| --- | --- |
| Method | **POST** |
| Path | /create/type4 |
| Query params | None |
| Path params | type4 |
| Body type expected | JSON |
| Body content | storeLocation |
| Performs | 1. Creates graph object  2. Inserts object into respective collection |
| Returns | 201 on creation success  400 if required fields are invalid or nonexistent |