# Data Models

## User\_avatar

|  |  |  |  |
| --- | --- | --- | --- |
| **Property** | **Data Type** | **Required?** | **Notes** |
| Id | Integer | - | Automatically generated by Datastore when a new user\_avatar is created. |
| user\_id | Integer | Yes | A specific user who’s associated with an avatar image. |
| avatar\_id | Integer | Yes | The id of an avatar image; used to associate it with a user. |

## Courses

|  |  |  |  |
| --- | --- | --- | --- |
| **Property** | **Data Type** | **Required?** | **Notes** |
| id | Integer | - | Automatically generated by Datastore when a new course is created. |
| subject | String | Yes | Subject code up to 4 characters long. |
| number | Integer | Yes | Course number. |
| title | String | Yes | Course title. Up to 50 characters long. |
| term | String | Yes | Up to 10 characters long. |
| Instructor\_id | Integer | Yes | The instructor assigned to teach the course. |

## Users

|  |  |  |  |
| --- | --- | --- | --- |
| **Property** | **Data Type** | **Required?** | **Notes** |
| id | Integer | - | Automatically generated by Datastore when a new user is created. |
| role | String | Yes | The role of the user. Used for authorization (which endpoints they’re allowed to use). |
| sub | String | Yes | The sub of the user’s jwt. Used to authenticate the user. |

## Course\_instructor

|  |  |  |  |
| --- | --- | --- | --- |
| **Property** | **Data Type** | **Required?** | **Notes** |
| Id | Integer | - | Automatically generated by Datastore when a new course\_instructor is created. |
| course\_id | Integer | Yes | The course that the instructor is teaching. |
| Instructor\_id | Integer | Yes | The instructor who is teaching the course. |

## Enrollment

|  |  |  |  |
| --- | --- | --- | --- |
| **Property** | **Data Type** | **Required?** | **Notes** |
| id | Integer | - | Automatically generated by Datastore when a new enrollment is created. |
| course\_id | Integer | Yes | The course that a student is being enrolled into. |
| student\_id | Integer | Yes | The student who is enrolling in a course. |