URL	https://hw6-weemsj.uc.r
password	User1234

Property	Data type	Required?
id	integer	-
username	string	yes
password	string	yes
role	string	yes
sub	string	-
courses	arrayValue	no
avatar_name	string	no
avatar_url	string	no

Property	Data type	Required?
id	integer	-
subject	string	yes
number	integer	yes
title	string	yes
term	string	yes
instructor_id	Integer	yes
students	arrayValue	-
self	string	-

Users

Notes
The users id. Datastore automatically genetrates it. While it is always populated the user does not need to provide the id.
The username is used for login
The password is used for login
Users role determines what functionalities are available to them.
The api generates the sub value for all users from the token returned from Auth0. While it is always populated the user does not need to provide the sub.
Users with the role "student" and "instructor" are the only users with the property "courses". The "course" property is the list of all course urls associated with the user. The value when initialized by the api will be an empty array and always accessable by the appropriate users. The value is not provided by the user.
The "avatar_name" is an optional property for all users. When an avatar is uploaded to the users profile then the property will hold the name of the avatar image. The name helps identify the image in the Google Cloud Storage.
The "avatar_url" is an optional property for all users. When a avatar is uploaded to a users profile then the property will hold the url to the avatar. Otherwise it will be null.

Courses

Notes
The course id. Datastore automatically generates the id. While it is always populated the user does not need to provide the id.
Subject code up to 4 characters
Course Number
Course title. Up to 50 characters
Up to 50 characters
The instructor assigned to teach the course.
Initalized by the api as an empty array. Property is the list of all students urls enrolled in the course. This value is always accessible by the user even when empty but does not need to be provided by the user.
Url to course generated by the api. This value is always populated and accessable by the user but not provided by the user.