Final Submission Report

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Capstone Project Spring 2021

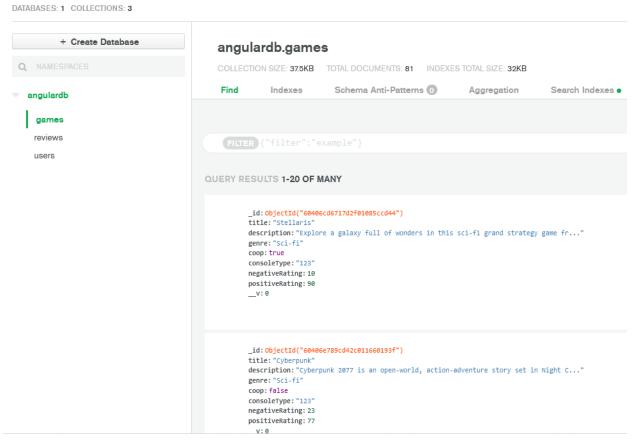
The University of West Florida

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CIS4592 Capstone Project

Dr. Bernd OK

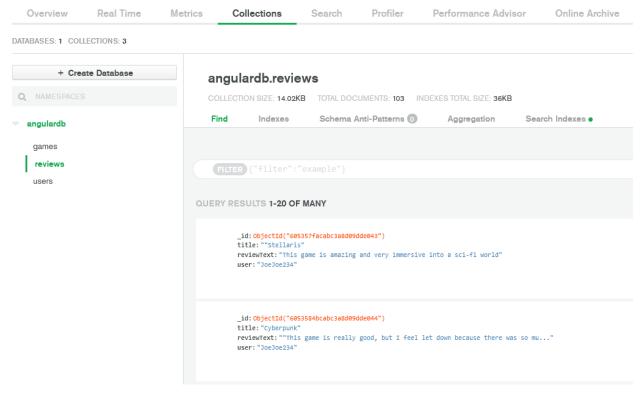
Game cluster



1. The game cluster holds all the information about the games

Reviews cluster



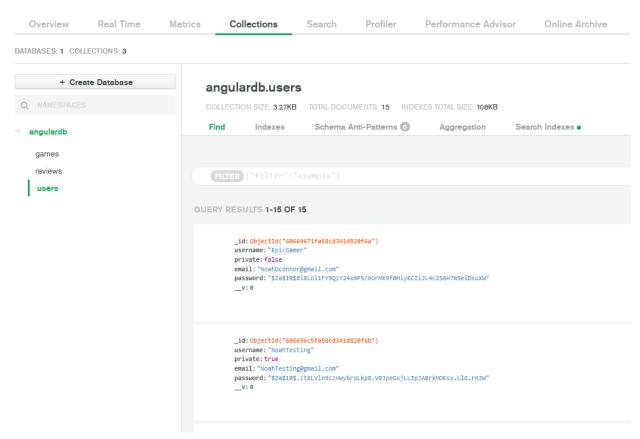


1. The review cluster holds all the information about the reviews

Users cluster

ECORP GROUP > RECON PROJECT > CLUSTERS





1. The users cluster holds all the information about the users

Database users

ECORP GROUP > RECON PROJECT

Database Access

Database Users	Custom Roles		
User Name \$		Authentication Method •	MongoDB Roles
A r3c0n_Admin		SCRAM	atlasAdmin@admin
Д UserLoggedIn		SCRAM	read@angulardb.games readWrite@angulardb.reviews readWrite@angulardb.users
Д UserNotLoggedIn		SCRAM	read@angulardb.games read@angulardb.reviews readWrite@angulardb.users

1. Used to assign access roles to the database

Recon-Client Structure

- 1. Models: models containing variables for objects used within the front end client
- 2. Modules: modules to assist with repetitive HTML elements to display arrays of objects
- 3. Pages: pages containing the different HTML views along with variables bound to typescript variables to communicate with HTTP route calls to the database
- 4. Services: handling of any route calls between the front end client and back end database

API-Gateway Structure

- 1. API-Service: proxy handling access from front end to back end
- 2. Game-Service: service handling any references to the game database
- 3. Reviews-Service: service handling any functions related to the review database
- 4. Users-Service: service handling any functions related to the users database.
- 5. Models: store the schemas used for the database cluster objects.
- 6. Ssl: stores our HTTPS certificate that we use to establish a secure connection.