Appointy Instagram Back End API

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Key points of the System Design:

Entity Relationship: One to Many

The Posts Collection has a reference to the user id, which makes use of one to many relationship.

Pagination:

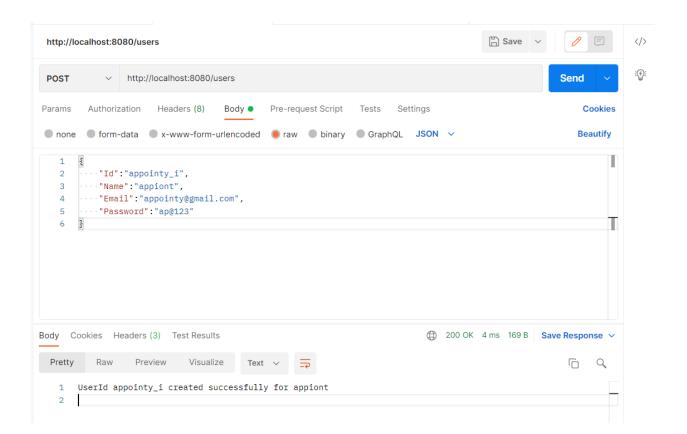
To achieve pagination, I have added another parameter in the URI For listing all the posts of user pagination, I have added an extra URI path parameter, which is the page number.

Page number 0 or no page number will fetch 1st page with page size currently defined as 3, which can be configured in the code.

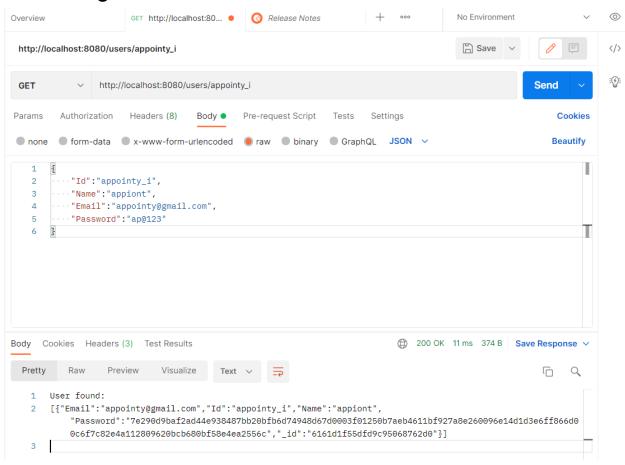
The Code and what each function does and how the structures are defined is clearly mentioned as comments in the code file.

Sample output:

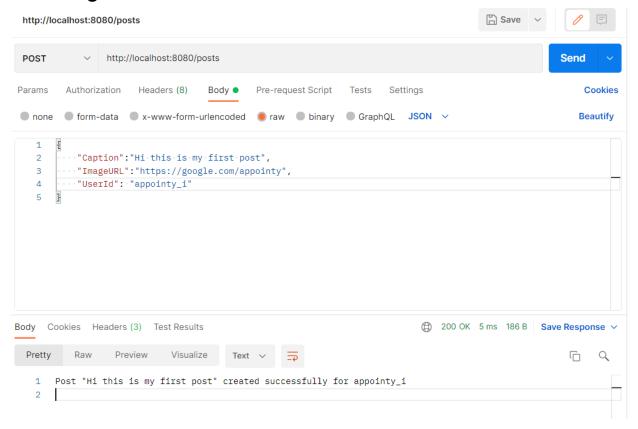
Creating User



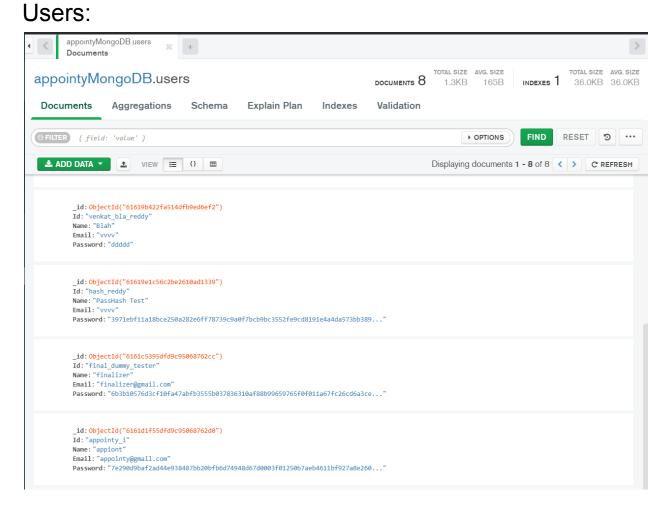
Retrieving user with Userld

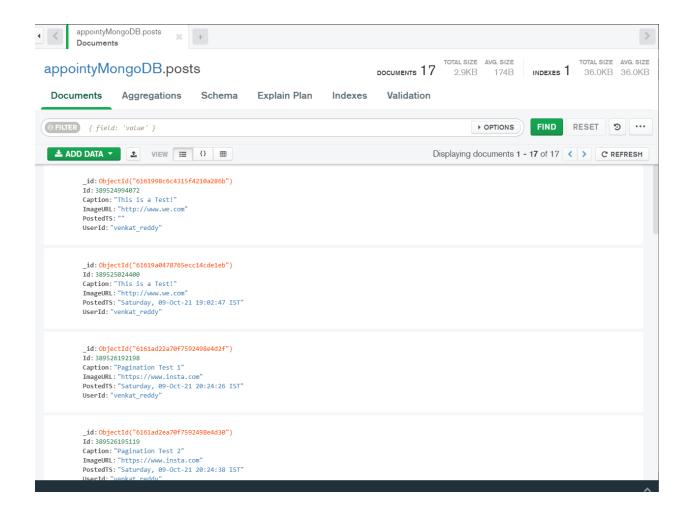


Creating a Post

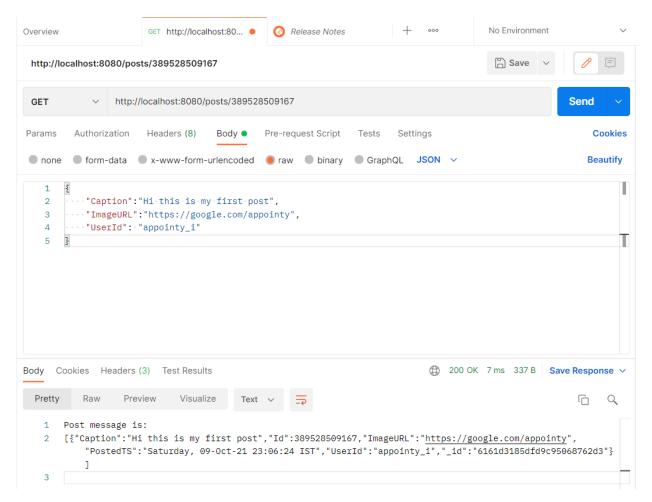


Mongo

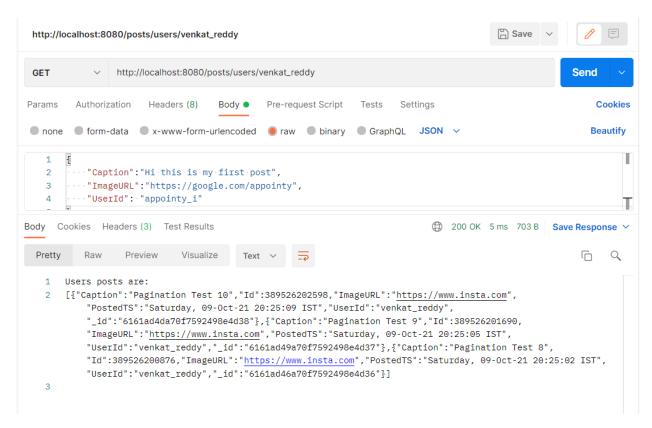




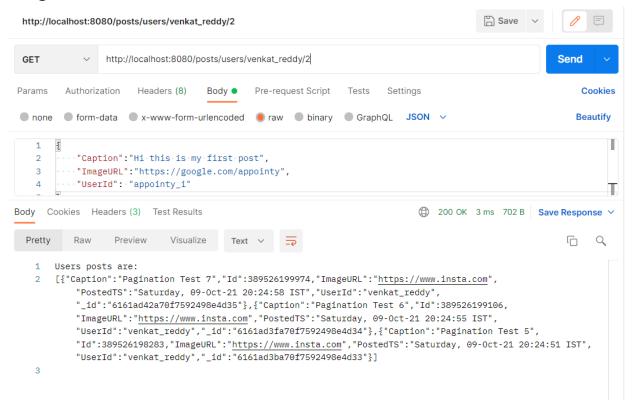
Retrieving the post with postID



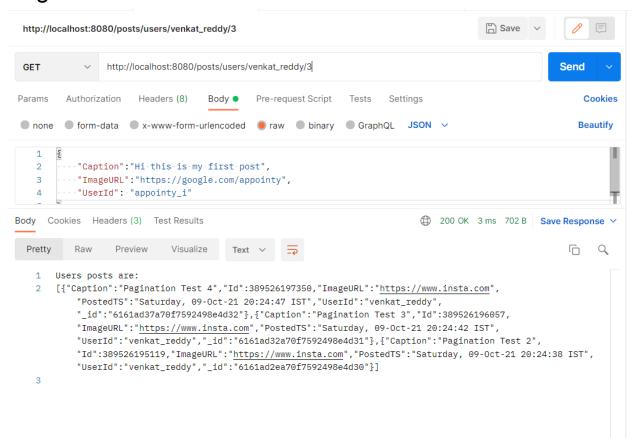
Pagination Page 1



Page 2



Page 3



Page 4

