Database: MongoDB

User / Password: None

Access: Restricted to localhost

Database: CodeCollaborate:

Collections:

* Users
  + \_id (Generated)
    - ObjectId
  + Username
    - String
    - Unique
  + Email
    - String
  + Password\_Hash
    - String
  + Focus
    - FileId:
      * String/ObjectId
    - Line
      * int
    - Char
      * int
* Projects
  + \_id (Generated)
    - ObjectId
  + Name
    - String
  + Server\_Path
    - String
  + Read\_Permissions
    - Array of references to User objects
  + Write\_Permissions
    - Array of references to User objects
* Files
  + \_id (Generated)
    - ObjectId
  + Name
    - String
  + Relative\_Path
    - String
  + Version
    - Integer
  + Project (Reference)
    - Reference to Project object
* Changes
  + \_id (Generated)
    - ObjectId
  + Changes
    - String
  + Date
    - Date
  + Version
    - Integer
  + File (Reference)
    - Reference to File object
  + User (Reference)
    - Reference to User object