Class Diagram - Magic The Gathering

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Cards

+ commander()

+ name: string
+ color: string
+ type: string
+ description: string
+ rarity: string
+ imageUrl = string
+ hashCode: string

Validator

+ validateCards()
+ validateCommander()

+ saveCards

Commander

+ name: string
+ color: string
+ description: string
+ type: string

Card Set

+ name: string
+ cards: Cards()

+ addOtherCards()
+ saveAsNewSet()
+ searchCards()
+ updateCards()
+ validateSet()

Authorized

+ SetEditor()
+ SetVisualizer()
+ SetCreator()

User

+ id: string
+ name: string
+ email: string
+ password: string

+ createUser()
+ login()

DataBase

+ SaveOperations()

+ DataValidator()
+ SetUser()

Encryptor

+ encryptData()

TokenAuth

+ token: string

+ generateToken()
+ verifyExpiredToken()