

User Management Low Level Design - SafeRide

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User Management Overview

Purpose

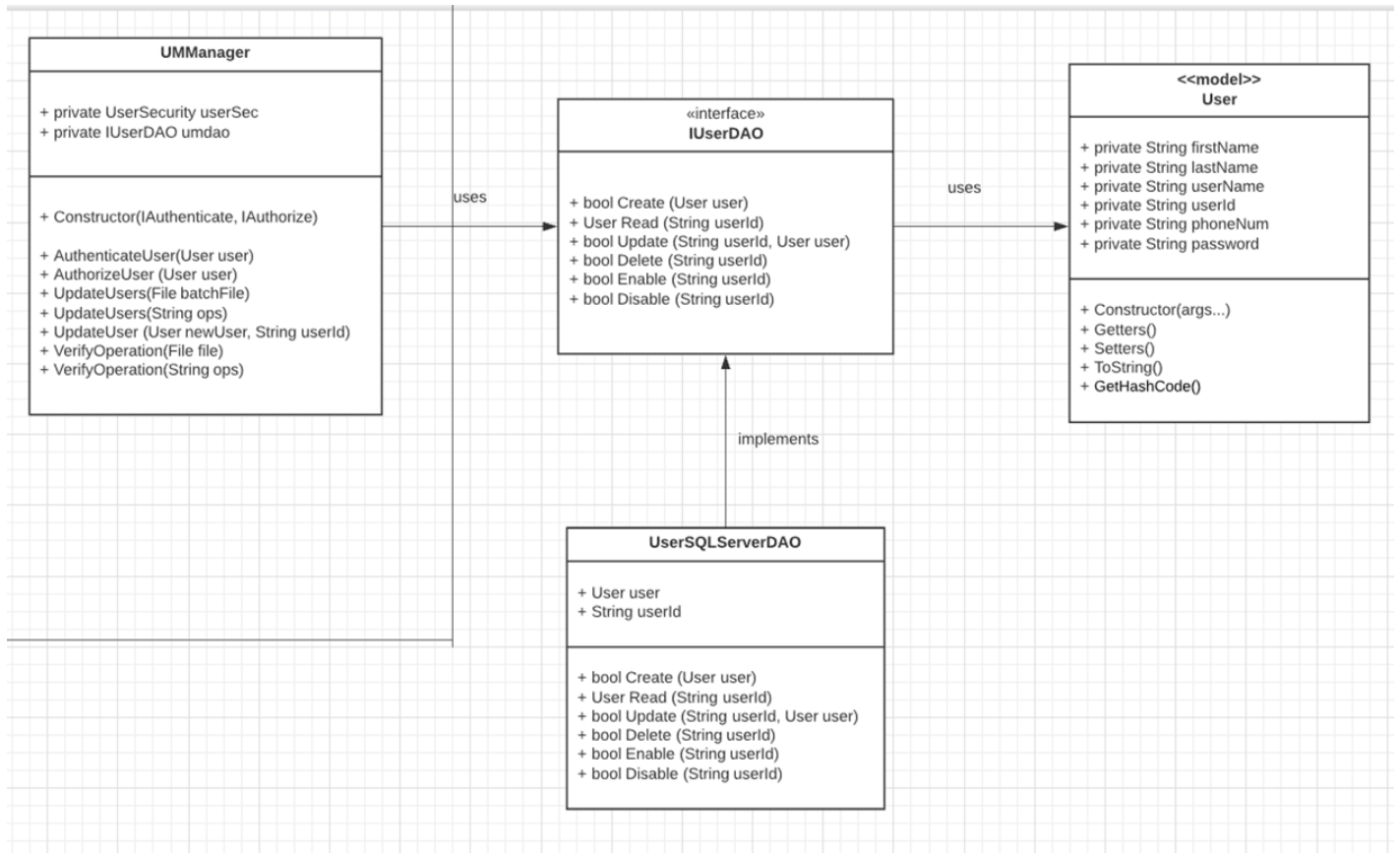
User management represents logic that deals with requirements that deal with user management. We have a um manager that represents code that deals with user security and operations that can be used at a higher level such as UpdateUser and UpdateUsers. It uses IUserDAO which is an interface that can be implemented by data store technologies that is used for User CRUD operations + enable and disable. The User model represents a real user which can be mapped to database objects and fields.

Dependencies

- Must have a database set up with a valid connection string and tables for “Users” exists
 - SQL Server 2019 Express will be used for this application

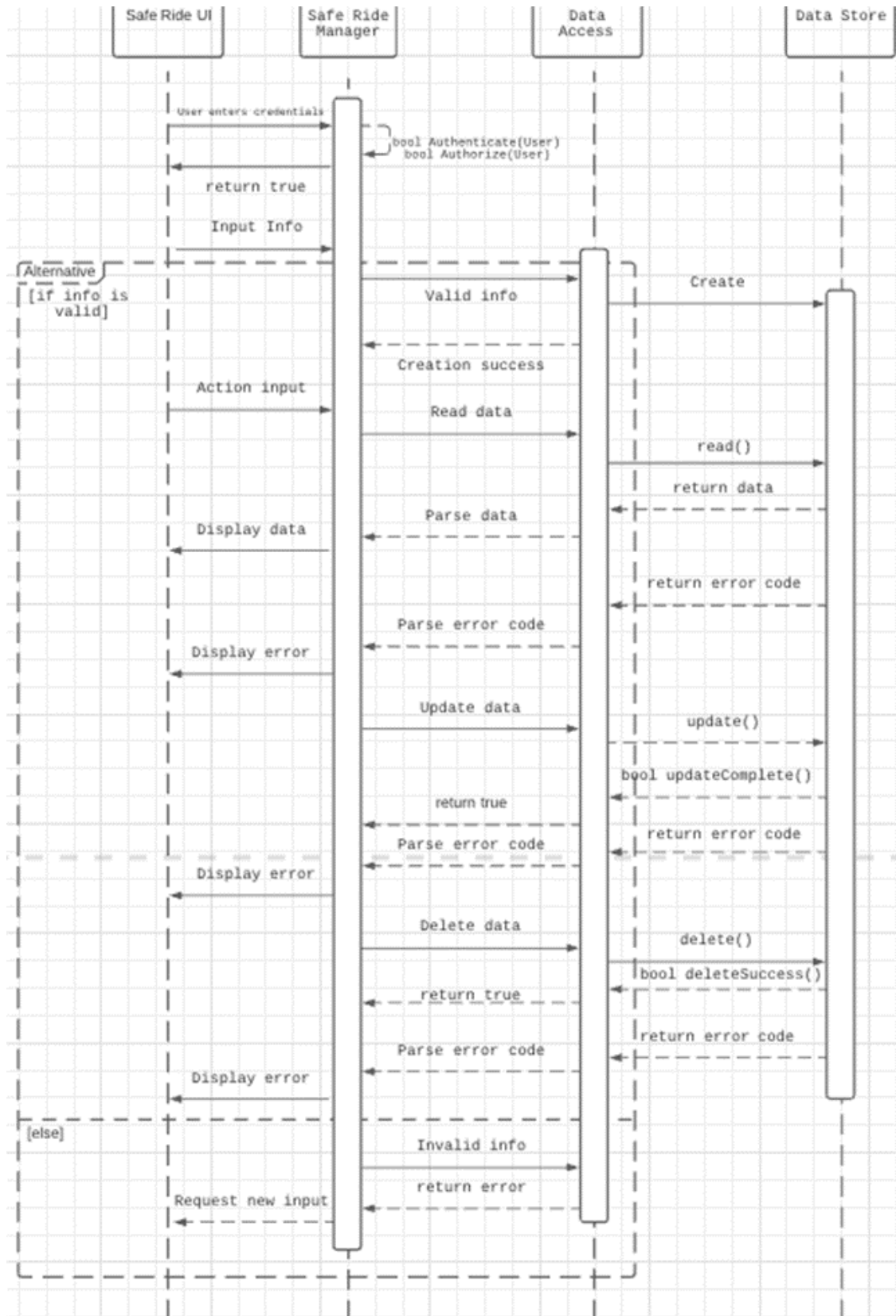
User Management - UML

UML diagram represents relationship and high level methods and fields that could be within the class itself.



User Management - Sequence Diagram

Sequence diagram represents roughly the logic implemented to do CRUD operations to the database, as well as important operations such as authorization and authentication.



User Management - CRC Cards

CRC Cards represents the classes used in the User management process which is the model, dao interface and dao implementation. Manager not included.

