# Service Layer

#### **TaskService**

- EmailsAndPassword: dictionary<string, string>
- + users: dictionary<string, User>
- + Register(string, string): void
- + RemoveUser(string): void
- +CheckForLogin(string, string): bool
- + SetNewPassword(string, string, string): void
- + SetNewEmail(string, string):void
- + GetUser(string): User

#### ColumnService

- EmailsAndPassword: dictionary<string, string>
- + users: dictionary<string, User>
- + Register(string, string): void
- + RemoveUser(string): void
- +CheckForLogin(string, string): bool
- + SetNewPassword(string, string, string): void
- + SetNewEmail(string, string):void
- + GetUser(string): User

## **UserService**

- EmailsAndPassword: dictionary<
- + users: dictionary<string, User>
- + Register(string, string): void
- + RemoveUser(string): void
- +CheckForLogin(string, string): bo
- + SetNewPassword(string, string, s
- + SetNewEmail(string, string):void
- + GetUser(string): User

#### **BoardService**

- EmailsAndPassword: dictionary<string, string>
- + users: dictionary<string, User>
- + Register(string, string): void
- + RemoveUser(string): void
- +CheckForLogin(string, string): bool
- + SetNewPassword(string, string, string): void
- + SetNewEmail(string, string):void
- + GetUser(string): User

## ServiceFacto

- log: log
- +MakeBoardService(): Boards
- +MakeTaskService(): TaskSer
- +MakeColumnService(): Colu
- +MakeUserService(): UserSe

+ErrorMass

+obj: Object

+<<get>> E

Js

+ <<get;set>

+ <<get;set>

B<u>usiness Layer</u>

string, string>

.

string): void

ry

Service vice mnService rvice

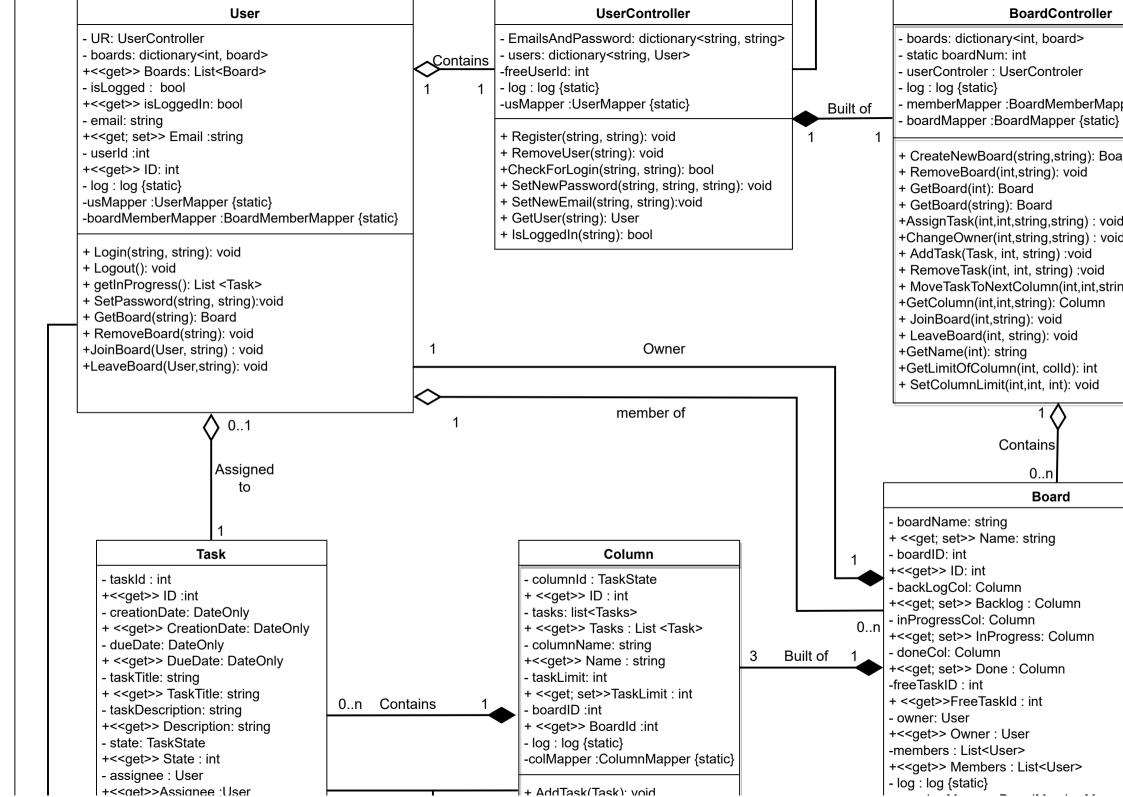
esponse

sage: string

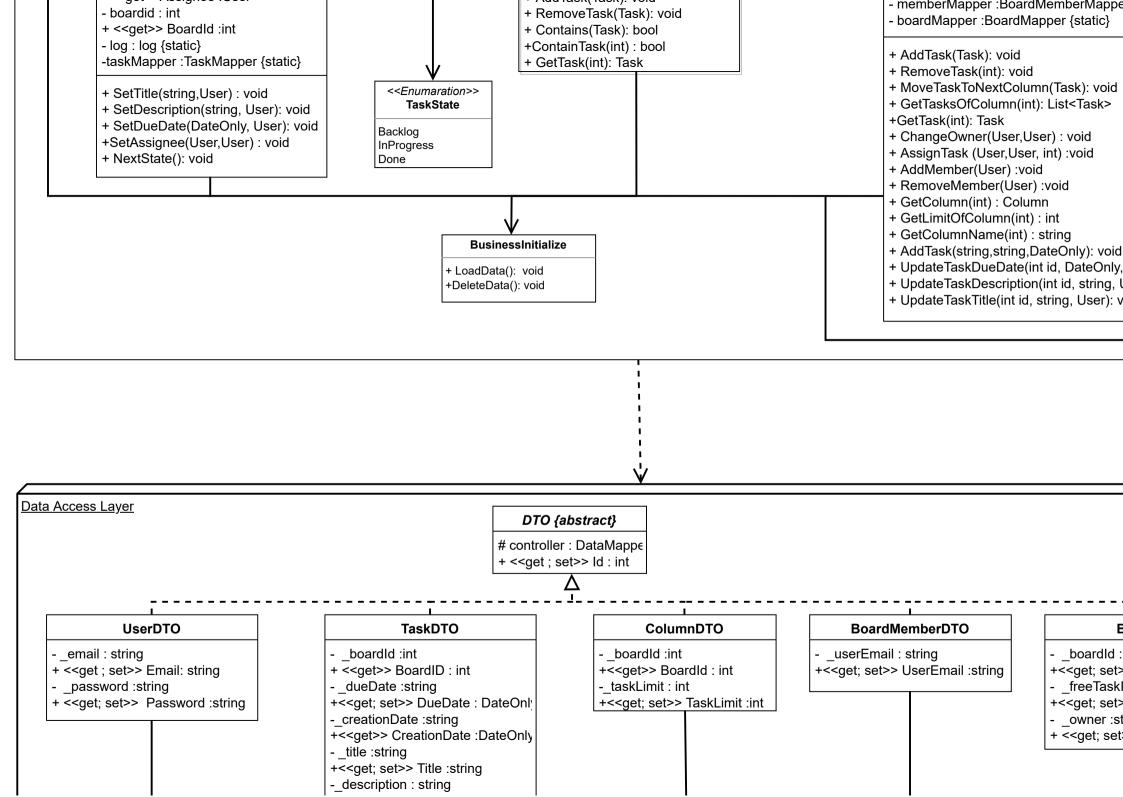
ErrorOccured: bool

onValue

> massage: string > value: Object



er {static}			
rd			
g): void			



er {static} User): void Jser): void oid

# oardDTO

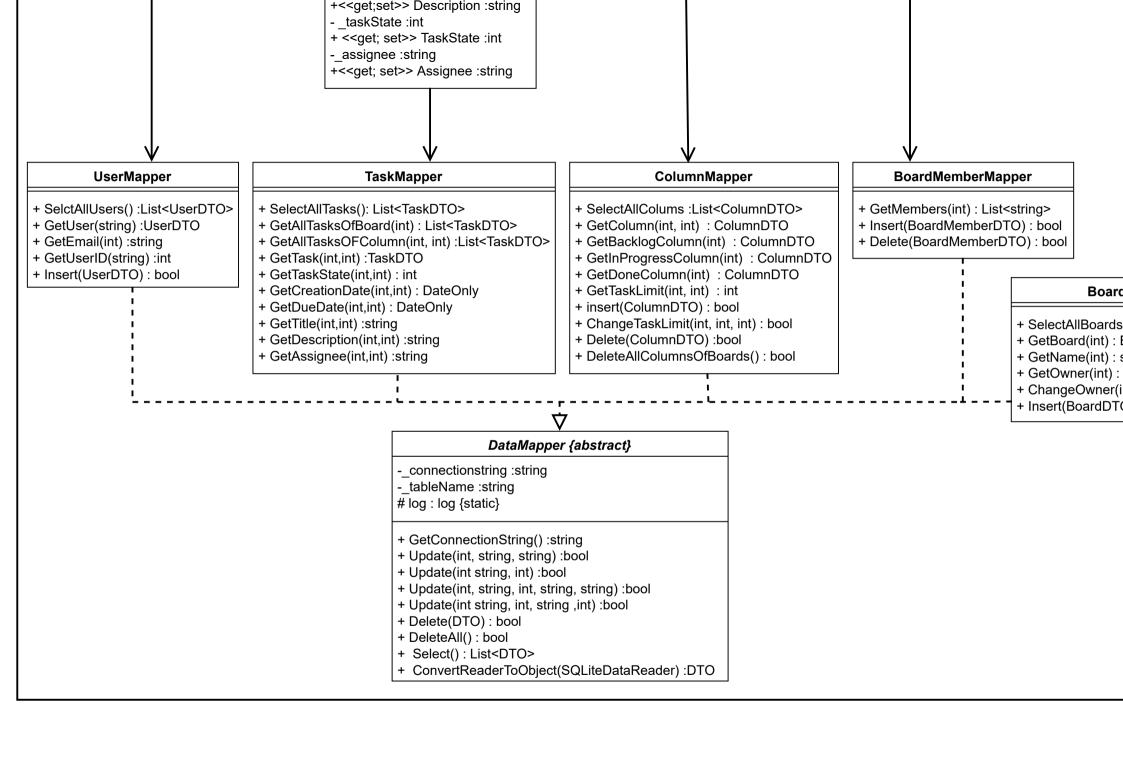
string

> BoardName :string

d : int

>FreeTaskId : int

ring >> Owner :string



# lMapper () : List <BoardDTO> BoardDTO string string nt, string) : bool O): bool