

Service Layer

UserService
- userM UserManagement; - log Ilog;
+ createNewUser(String email, String password) : json
+ login(String email, String password): json
+ logout(String email) : json
+ isLoggedIn(String email) : json

Response<T>
+ ErrorMessage string?; + ReturnValue T?;
+ Response(string? errorMessage, T? returnValue): Response

JsonController
+ js JsonSerializerOptions;
+ Serialize<T>(T o): string
+ DeSerialize<T> (string os) : T

ResponseInt
+ ReturnValue int;

BoardService
- bm BoardManagement; - log ILog;
+ addBoard(string toAddTitle, string userEmail): json
+ removeBoard(string userEmail, string toRemove) : json
+ addTask(string userEmail, string boardName, string title, string description, DateTime dueDate) : json
+ moveTask(string userEmail, string boardName, int columnOrdinal, int taskId): json
+ editTask(string userEmail, string boardName, int columnOrdinal, int taskId, string? newTitle, string? newDesc, DateTime? newDueDate, int numAct) : json
+ setCapacity(string userEmail,string boardName,int limit, int columnIndex) : json
+ getCapacity(string userEmail, string boardName,int columnIndex): json
+ getColumnName(string userEmail, string boardName, int columnIndex): json
+ ListProgressTasks(string client) : json
+ GetColumn(string email, string boardName, int columnOrdinal) : json

