

Service Layer

+ TaskService

- bf: BoardFacade
- llog: log

~ TaskService(boardFacade: BoardFacade): TaskService

+ AddTask(email: string,boardName: string, title: string,description: string, dueDate: DateTime): string
+ UpdateTaskDueDate(email: string, boardName: string, columnOrdinal: int, taskId: int, dueDate: DateTime): string
+ UpdateTaskTitle(email: string,boardName: string, columnOrdinal: int, taskId: int, title: string): string
+ UpdateTaskDescription(email: string,boardName: string, columnOrdinal: int, taskId: int, description: string): string
+AdvanceTask(email: string, boardName: string, colmnOrdinal: int, taskId: int): string

+ BoardService

~ bf: boardFacade <<readonly>>
- llog: log

~ BoardService(userFacade: UserFacade): BoardFacade

+ CreateBoard(email: string, name: string): string
+ DeleteBoard(string email, string name): string
+ LimitColumn(email: string, boardName: string, columnOrdinal: int, limit: int): string
+ GetColumnLimit(email: string, boardName: string, colmnOrdinal: int): string
+ GetColumnName(email: string, boardName: string, columnOrdinal: int): string
+ GetColumn(email: string, boardName: string, columnOrdinal: int): string
+ DeleteTask(email: string, boardName: string, columnOrdinal: int, taskId: int): string

+ Response

+ ErrorMessage: string
+ ReturnValue: Object

+ TaskToSend

+ Id: int
+ CreationTime: DateTime
+ Title: string
+ Description: string
+ DueDate: DateTime

+ UserService

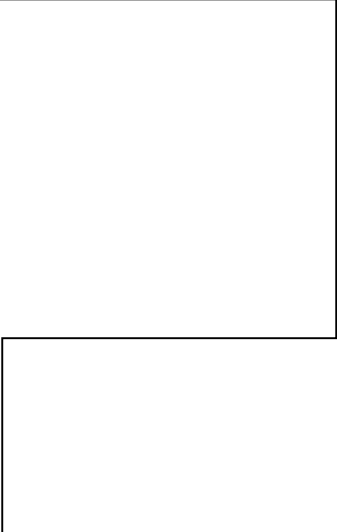
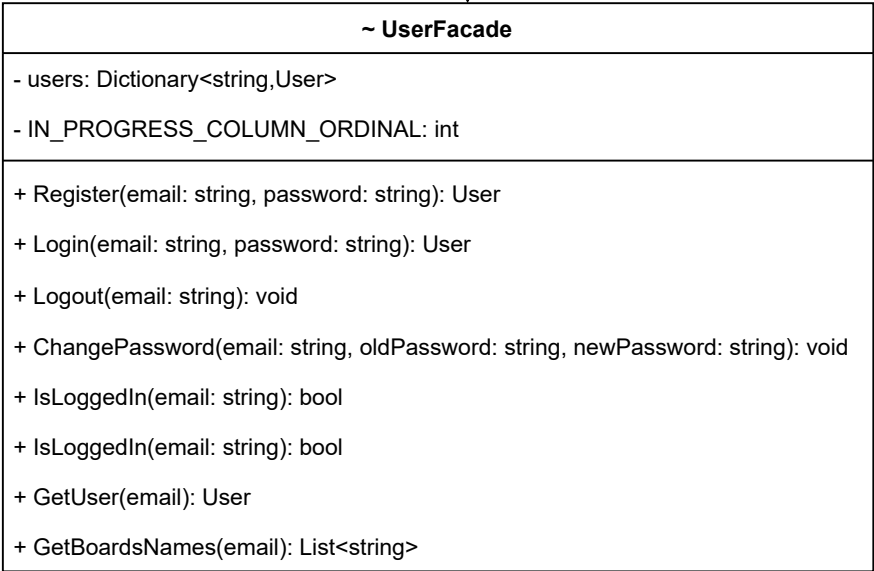
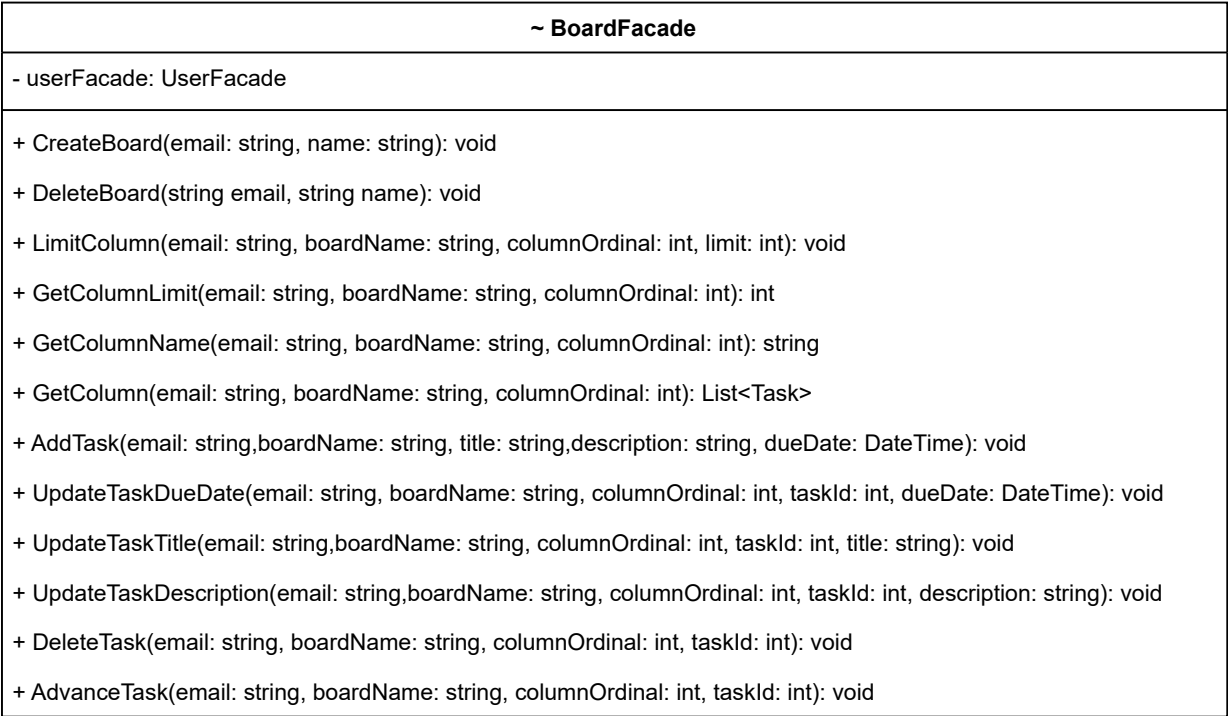
~ uf : userFacade <<readonly>>
- llog: log

~ UserService(): UserService

+ Register(email: string, password: string): string
+ Login(email: string, password: string): string
+ Logout(email: string): string
+ ChangePassword(email: string, oldPassword: string, newPassword: string): string
+ InProgressTasks(email: string): string

+ WrapperService

+ us: userService
+ bs: boardService
+ ts: taskService
~ llog: log <<static>> <<readonly>>



Business Layer

