

BS - SL

createBoard(email,boardName){

(if No exceptions)

return BSL;

deleteboard(uuid,name)

US - SL

UserSL login(email, pass) {

return USL

catch(e) {

bool register(email, pass) {

if(UserBL!=null)

return newUserSL;

catch(e) {

UserSL(email){

viewAllTaskType(type)

catch (Exception e)

List<TaskSL> result = new();

List<TaskSL> result = new(); foreach (TaskBL task in tasks)

result.Add(new TaskSL(task));

return new Response<List<TaskSL>>(result);

foreach (TaskBL task in tasks)

result.Add(new TaskSL(task));

return new Response<List<TaskSL>>(result);

email=email

null)

UserSL USL=newUserSL(email)

return UserFacade.viewAllTasksType(this.email, type)

if(newUserBL != null)

UserSL USL= new UserSL(email)

UserBL newUserBL = UserFacade.login(email, pass)

return new Response("user or password are invalid",

UserBL newUserBL=UserFacade.register(email,pass)

return new Response("user or password are invalid",

TaskService - ServiceLayer

return new Response<TaskSL>(new TaskSL(task));

return new Response<TaskSL>(new TaskSL(task));

return new Response<TaskSL>(new TaskSL(task));

public Response<List<TaskSL>> ViewAllTaskType(email, TaskType)

public Response<TaskSL> CreateTask(email, boardID, dueDate, title, description)

public Response<TaskSL> MoveTaskToNextStage(email, boardID, taskID)

TaskBL task = boardFacade.MoveTaskToNextStage(email, boardID, taskID);

return new Response<TaskSL>("An error occurred while processing your request.");

public Response<TaskSL> EditTask(email, boardID, taskID, dueDate, title, description)

TaskBL task = boardFacade.EditTask(email, boardID, taskID, dueDate, title, description);

return new Response<TaskSL>("An error occurred while processing your request.");

List<TaskBL> tasks = boardFacade.GetTasksByStatusType(email, TaskType);

return new Response<List<TaskSL>>("An error occurred while processing your request.");

List<TaskBL> tasks = boardFacade.GetTasksByStatusTypeInBoard(email, boardName, TaskType);

return new Response<List<TaskSL>>("An error occurred while processing your request.");

public Response<List<TaskSL>> ViewAllTaskTypeInBoard(email, boardName, TaskType)

TaskBL task = boardFacade.CreateTask(email, boardID, dueDate, title, description);

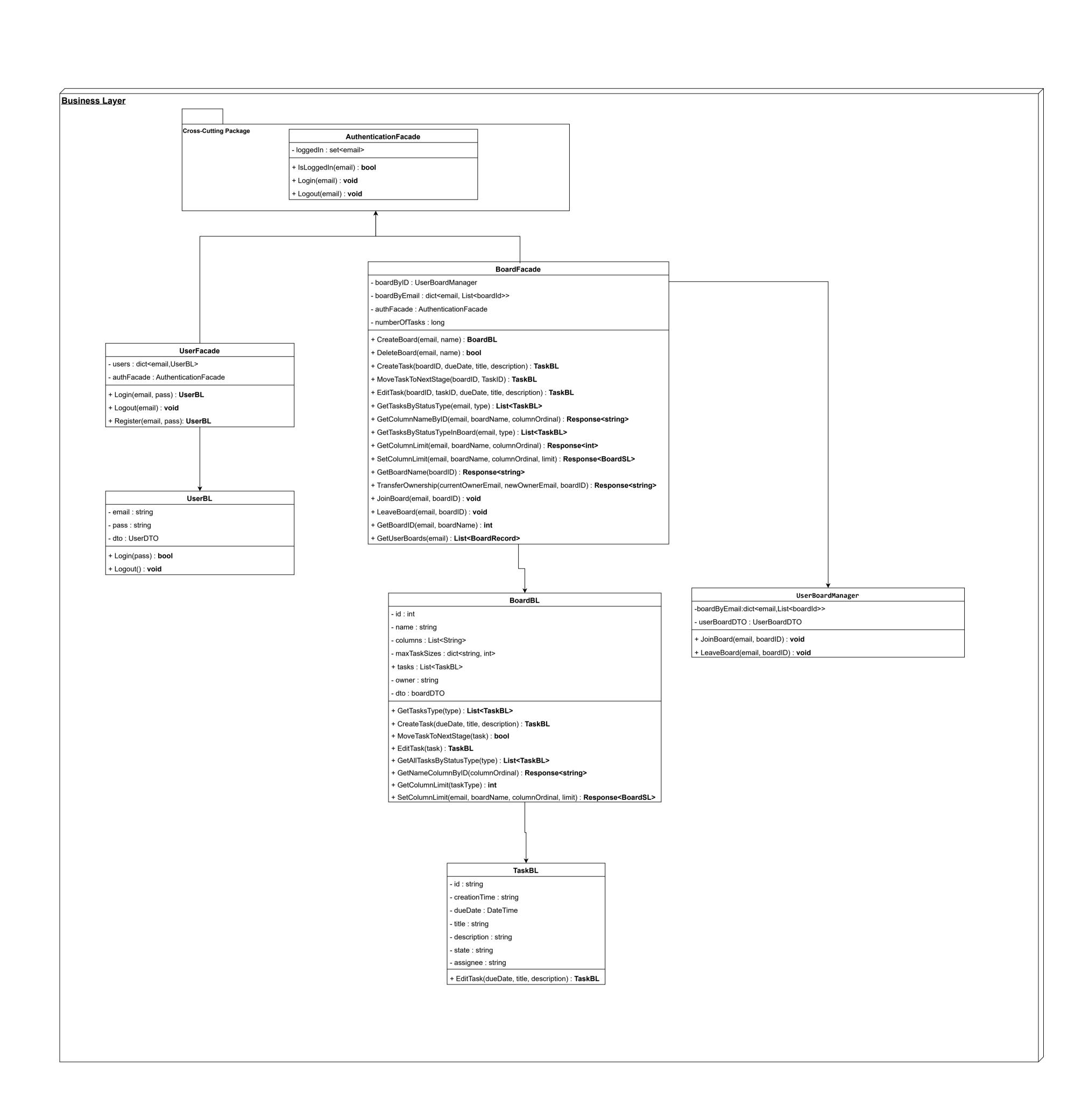
return new Response<TaskSL>("An error occurred while processing your request.");

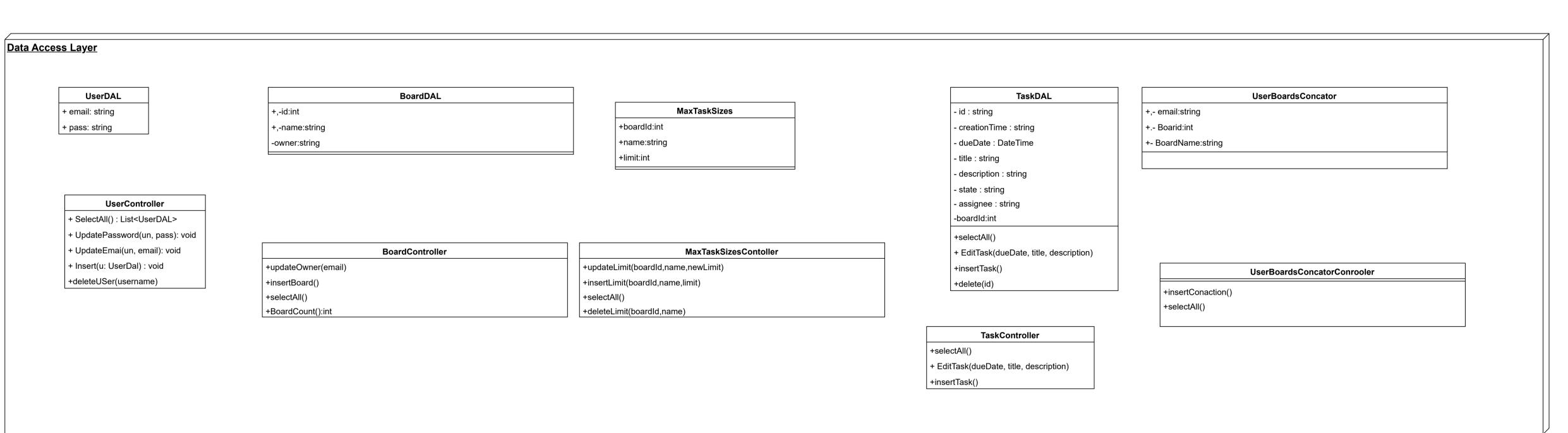
BoardBL B = BoardFacade.createBoard(email,boardName)

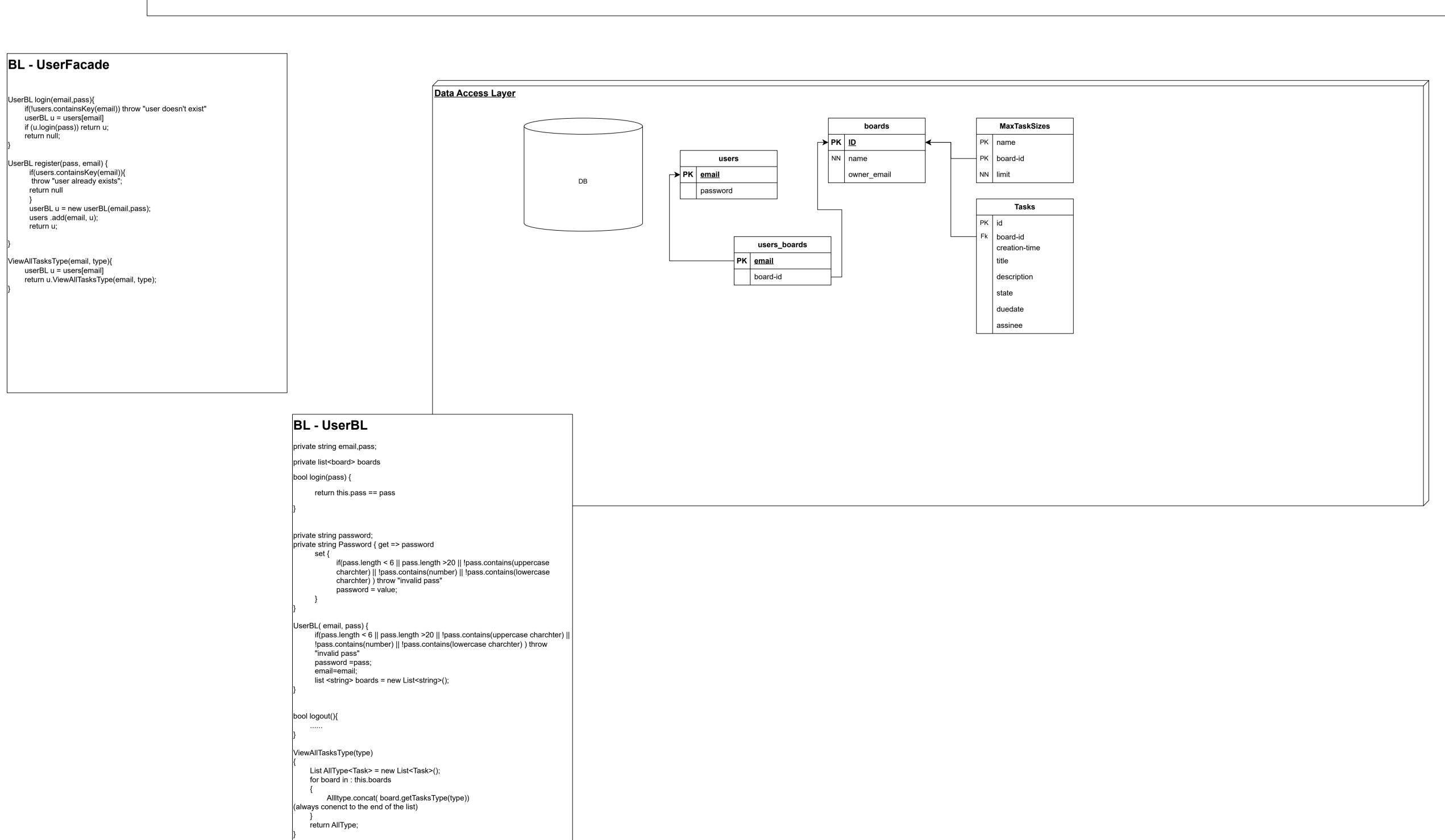
BoardSL BSL = new Board(email,boarname)

return BoardFacade.removeboard(uuid)

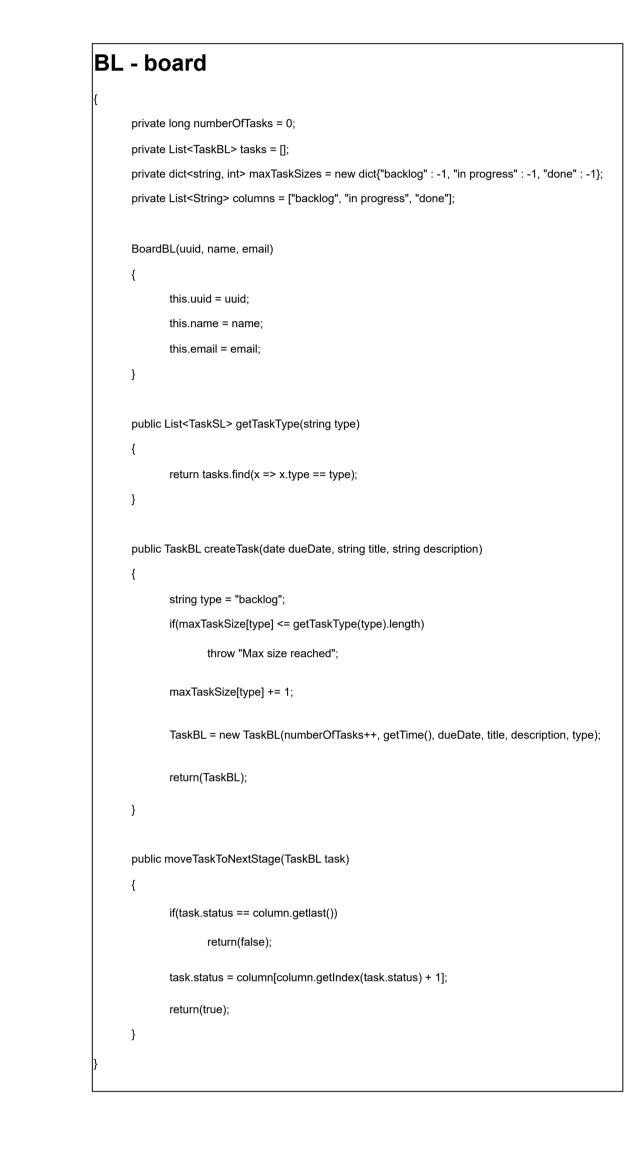
if(currentUser.boards.exists(uuid){







Changes Added field 'boards' Added field 'boards' BoardService - Added method 'GetBoardName' Changed field 'uuid' to 'id' Changed field 'uuid' to 'id' BoardFacade -Changed field 'boards'Added method 'GetBoardName' Added method 'TransferOwnership' Added field 'assignee' Added field 'assignee' Added 'UserBoardsFacade' - Added field 'boards' Added method 'JoinBoard' Added method 'LeaveBoard' Added method 'TransferOwnership' Added method 'GetUserBoards' Added method 'AddBoard' Added method 'DeleteBoard' adding board cordinator to mange bewen the board facade and list of user boards to reduce depedancy bewtwen 2 diffrent class adding UserBoardService for action that are more in the responabilty of the conaction betwen user namd boards (that responsibility dont fall in user service or boardservice)



BL - TaskBL

this. title=title

editTask(description,title,dueDate){

this.description=description

this.dueDate=dueDate

(all the requirements with the title and description)

(if some data was not given , "" was the input , then the original data will stay)