

Diagram Changes Justification

*ITask, IColumnDTO, IDTO interfaces has been added because of the need to mock columnDTO and Task for the unit tests of Column class.

*added method undonecolumn in Board- helper method for case of column which was done and is not anymore, is needed because of the new functionality of add/move/remove columns(these appropriate methods also has been added).

*InProgressIndex is int and not a list of ints because we decided at the end to use it only as magic numbers avoid and not else(the check of whether a column is in progress or not is by being different from Backlog column idx and done column idx which we maintained throughout our code).

*Added helper methods

GetRemovableBoards, GetBoardMembers, GetAllJoinableBoards, GetBoards to BoardController class: these method are used to serve the UI needs(for example- our Boards window in the UI includes a list of all the boards a user can join, behind the scenes the method GetAllJoinableBoards is responsible for this functionality even though it wasn't a requirement in the original Assignment- but we found it useful).

*the method GetBoardNames has been added to BoardController- was in the requirements but we missed it on the original diagram, now it's in.