Tasks

User Story	Task	Task Points	Dependencies	Description	Trello URL	Completed
U1	T1:1	1		Create classes for a class and student Define the object architecture for "Class" and "Student" A Class contains the course code, class name and a list of students A Student contains the UTOR ID, last name, and first name	https://trello.com/c/n3Y6Vrbr	Yes
U1	T1:2	1	T1:1	Add functionality for adding students to a class Add API to add Student objects to a Class object An action class with be used, the action class with connect the UI and the DAO together	https://trello.com/c/QaeGGTy6	Yes
U1	T1:3	1	T1:1	Add functionality for creating a class Add API to create a Class object An action class with be used, the action class with connect the UI and the DAO together	https://trello.com/c/cUYfy2ig	Yes
U1	T1:4	3	T1:5	DAO classes for Class and Student Connect the program to the database Setup tables for Class and Student objects Create DAO classes to insert, modify and select the above object in the database	https://trello.com/c/7bTjEM5e	Yes
U1	T1:5	2		Setup SQL DB Setup online PostgreSQL Database	https://trello.com/c/9wQXITAX	Yes
U1	T1:6	1	T1:1-5	Interactive command line interface to execute desire functions Create a command line interface so that the completed functions can be showcased to the client	https://trello.com/c/18W62wVm	Yes
U2	T2:1	1	T1:3	Add functionality for seeing a list of classes In the ClassAction, add a function to load all the classes	https://trello.com/c/GgKBJxbI	Yes
U2	T2:2	1	T2:1	Modify main to use Action class to display all classes The main should not call the DAOs directly, change it so the action class is used instead to get the classes	https://trello.com/c/wagzRTjx	Yes
U3	T3:1	1		Create a class to represent an assignment Define the object architecture for "Assignement" Define a tempory question object for use in Assignment An assignement has a name and a list of questions	https://trello.com/c/oyOuQE2W	Yes
U3	T3:2	2	T3:1	DAO class for Assignment Setup tables for Assignment objects Include a mapping table for Assignment to Question Create DAO classes to insert, modify and select assignments in the database	https://trello.com/c/WL4DJk4a	Yes
U3	T3:3	1	T3:2	Add functionality that allows professors to create assignments Following the same style as students and classes, add AddAssignment in the ClassAction	https://trello.com/c/8PICJTPf	Yes
U3	T3:4	1	T3:3	Add "Create assignment" feature in Console Application Modify the main so that the user can create an assignment for a given class	https://trello.com/c/PEWKrJ50	Yes
U4	T4:1	1	T3:2	Add functionality to display list of assignments In the action class of class, display assignments of that class	https://trello.com/c/SnHcM9rN	Yes
U4	T4:2	1	T4:1	Add "show assignments in class" feature in Console Application Modify the main so that the user can see assignments in a given class	https://trello.com/c/JVIU0DWh	Yes
U0	T0:1	3		Add "Graphical interface" represenattion for existing command line interface Replacing all existing functionality on command line interface into GUI represenation	https://trello.com/c/2kmbyBmi	

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U5	T5:1	2		**Add "Graphical Interface" for viewing all questions in an assignment** Add graphical interface for viewing all questions in an assignment.	https://trello.com/c/fzEC3G1f	
U6	T6:1	1		**Modify the Users Table with the required columns** Add columns for Password (hashed) and registered	https://trello.com/c/V1MaKeSD	Yes
U6	T6:2	1		**Add a User Object** The user object will have their UTORId and their role	https://trello.com/c/7hm6XsPK	Yes
U6	T6:3	2	T6:1,2	**DAO for adding a password and getting (Hashed)** Ability to modify user row with jBCrypt hashed password	https://trello.com/c/SubBtVFM	Yes
U6	T6:4	2	T6:3	**Add ability to register** Users can only register if their UTORId exists in the system and is not marked as already registered They will enter their chosen password with at least 6 characters	https://trello.com/c/QSzfN4tJ	Yes
U6	T6:5	1	T6:3	**Add ability to login** Users enter their UTORId and their password is verified using jBCrypt	https://trello.com/c/eS9HCy0x	Yes
U6	T6:6	2		**Add "GUI" for register** Utorid and password fields, and a button to register	https://trello.com/c/dhkuv8z0	
U6	T6:7	2		**Add "GUI" for login** one field utorid, another field password and a button to login, and show generic error if fails. (something goes wrong error)	https://trello.com/c/Ehsj7qg7	
U7	T7:1	3		**Add "visibility" field on existing assignment table** Change data definition script with added field	https://trello.com/c/xWSxelZ1	
U7	T7:2	0.5	T7:1	**DAO for setting visibiility field on the exsiting assignment table** add an sql for changing visiblity	https://trello.com/c/zLLyJUlG	
U7	T7:3	0.5	T7:2	**Action class for setting visibility** add an action for setting visibility	https://trello.com/c/WW5IZAWQ	
U7	T7:4	2	T7:3	**Add UI for setting visibility** a field in the UI that can be either turn on or false(on=visible to all classes, false otherwise)	https://trello.com/c/cIBDMDjp	
U8	T8:1	2		**Add table to store answers provided by student** add existing table definition to store answers provided by student, and their marks	https://trello.com/c/HOQZYV2p	
U8	T8:2	1		**An action for submitting answers** add an action class takes answer to specific question and assignment, and return the result	https://trello.com/c/MKItQckY	
U8	T8:3	1	T8:2	**Add function to validating answers** add an function takes answer to specific question and assignment and validate, and return the result	https://trello.com/c/bEv3XTXH	
U8	T8:4	2	T5:1	**UI for Writing answers to question, and submit** text field for putting down answer and submit button(that triggers submit)	https://trello.com/c/8MM5nAtM	
U0	T0:2	6		**Continue working on GUI for MainMenu** Add GUI for adding Assignments Add GUI for adding Questions to Assignments		

Tasks

User Story: U#
Task: T[User Story #]:[Task # for that User Story]
1 Task Point = 1 Hour
Description = Brief Description Detailed Description
U0 for tasks not related to any userstories

v3

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U0	T0:3	6		Continue working on GUI for MainMenu Add GUI for viewing Assignments Add GUI for viewing Questions		
U0	T0:4	1		Improve get classes for DB speed Currently, when classes are loaded from the DB, they automatically also load the list of students This takes a long time so loading classes from the DB should not also load the student list	https://trello.com/c/OPIQUT26	
U9	T9:1	1		Update Database Each Assignment needs a new column for number of attempts A table will be required to store the number of used attempts done by each student per assignment	https://trello.com/c/tjoQL3RL	Yes
U9	T9:2	1	T9:1	DAO Classes Function for getting the number of attempts of an assignment Function for storing the number of attempts of an assignment Function for getting the number of used attempts by a student for an assignment	https://trello.com/c/khGR1dlV	
U9	T9:3	1	T9:2	Action classes Function to set an assignment's number of attempts Modify submit assignment functionality to depend of number of attempts allowed	https://trello.com/c/7WvHos35	
U9	T9:4	3	T9:3	GUI Add GUI for setting an assignment's number of attempts	https://trello.com/c/usvF6PJo	
U10	T10:1	1		DAO classes Function for setting and getting marks for assignment on a student		
U10	T10:2	1	T10:1	Action class for setting and getting marks for student		
U10	T10:3	2	T10:2	GUI for setting and getting marks for student		
U11	T11:1	2		DAO Classes Function for getting all anaswer for assignemnt function setting and getting marks		
U11	T11:2	1		Action class for setting and getting marks		
U11	T11:3	2	T11:2	UI for showing marks and answers		

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