

Tasks

User Story: U#
 Task: T[User Story #]:[Task # for that User Story]
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v4

User Story	Task	Task Points	Dependencies	Description	Trello URL	Completed
U00	T0:1	3		<u>Add "Graphical interface" representation for existing command line interface</u> Replacing all existing functionality on command line interface into GUI representation	https://trello.com/c/2kmbyBmi	
U00	T0:2	6		<u>Continue working on GUI for MainMenu</u> Add GUI for adding Assignments Add GUI for adding Questions to Assignments	https://trello.com/c/47rpFc38	
U00	T0:3	6		<u>Continue working on GUI for MainMenu</u> Add GUI for viewing Assignments Add GUI for viewing Questions	https://trello.com/c/IE5XRZDX	
U00	T0:4	1		<u>Improve get classes for DB speed</u> 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	
U00	T0:5	2		<u>Set up permissions</u> Professors have full access to everything Students can only have read access to courses they belong to	https://trello.com/c/vociNL8t	
U00	T0:6	2		Change saving answers DML to include update action; connect assignment UI with main UI	https://trello.com/c/NMshowqo	
U01	T1:1	1		<u>Create classes for a class and student</u> 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
U01	T1:2	1	T1:1	<u>Add functionality for adding students to a class</u> 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
U01	T1:3	1	T1:1	<u>Add functionality for creating a class</u> 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
U01	T1:4	3	T1:5	<u>DAO classes for Class and Student</u> 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
U01	T1:5	2		<u>Setup SQL DB</u> Setup online PostgreSQL Database	https://trello.com/c/9wQXITAX	Yes
U01	T1:6	1	T1:1-5	<u>Interactive command line interface to execute desire functions</u> Create a command line interface so that the completed functions can be showcased to the client	https://trello.com/c/18W62wVm	Yes
U02	T2:1	1	T1:3	<u>Add functionality for seeing a list of classes</u> In the ClassAction, add a function to load all the classes	https://trello.com/c/GgKBjxbI	Yes
U02	T2:2	1	T2:1	<u>Modify main to use Action class to display all classes</u> 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

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U03	T3:1	1		<u>Create a class to represent an assignment</u> Define the object architecture for "Assignment" Define a temporary question object for use in Assignment An assignment has a name and a list of questions	https://trello.com/c/oyOuQE2W	Yes
U03	T3:2	2	T3:1	<u>DAO class for Assignment</u> 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
U03	T3:3	1	T3:2	<u>Add functionality that allows professors to create assignments</u> Following the same style as students and classes, add AddAssignment in the ClassAction	https://trello.com/c/8PICJTPf	Yes
U03	T3:4	1	T3:3	<u>Add "Create assignment" feature in Console Application</u> Modify the main so that the user can create an assignment for a given class	https://trello.com/c/PEWkrJ50	Yes
U04	T4:1	1	T3:2	<u>Add functionality to display list of assignments</u> In the action class of class, display assignments of that class	https://trello.com/c/SnHcM9rN	Yes
U04	T4:2	1	T4:1	<u>Add "show assignments in class" feature in Console Application</u> Modify the main so that the user can see assignments in a given class	https://trello.com/c/JVIU0DWh	Yes
U05	T5:1	2		<u>Add "Graphical Interface" for viewing all questions in an assignment</u> Add graphical interface for viewing all questions in an assignment.	https://trello.com/c/fzEC3G1f	
U06	T6:1	1		<u>Modify the Users Table with the required columns</u> Add columns for Password (hashed) and registered	https://trello.com/c/V1MaKeSD	Yes
U06	T6:2	1		<u>Add a User Object</u> The user object will have their UTORId and their role	https://trello.com/c/7hm6XsPK	Yes
U06	T6:3	2	T6:1,2	<u>DAO for adding a password and getting (Hashed)</u> Ability to modify user row with jBCrypt hashed password	https://trello.com/c/SubBtVFM	Yes
U06	T6:4	2	T6:3	<u>Add ability to register</u> 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
U06	T6:5	1	T6:3	<u>Add ability to login</u> Users enter their UTORId and their password is verified using jBCrypt	https://trello.com/c/eS9HCy0x	Yes
U06	T6.6	2		<u>Add "GUI" for register</u> Utorid and password fields, and a button to register	https://trello.com/c/dhkuv8z0	
U06	T6.7	2		<u>Add "GUI" for login</u> one field utorida, another field password and a button to login, and show generic error if fails. (something goes wrong error)	https://trello.com/c/Ehsj7qgZ	
U07	T7:1	3		<u>Add "visibility" field on existing assignment table</u> Change data definition script with added field	https://trello.com/c/xWSxelZ1	
U07	T7:2	0.5	T7:1	<u>DAO for setting visibility field on the exsiting assignment table</u> add an sql for changing visiblity	https://trello.com/c/zLLyJUIG	
U07	T7:3	0.5	T7:2	<u>Action class for setting visibility</u> add an action for setting visibility	https://trello.com/c/WW5IZAWQ	

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U07	T7:4	2	T7:3	<u>Add UI for setting visibility</u> a field in the UI that can be either turn on or false(on=visible to all classes, false otherwise)	https://trello.com/c/clBDMdjp	
U08	T8:1	2		<u>Add table to store answers provided by student</u> add existing table definition to store answers provided by student, and their marks	https://trello.com/c/HOQZYV2p	
U08	T8:2	1		<u>An action for submitting answers</u> add an action class takes answer to specific question and assignment, and return the result	https://trello.com/c/MKltQckY	
U08	T8:3	1	T8:2	<u>Add function to validating answers</u> add an function takes answer to specific question and assignment and validate, and return the result	https://trello.com/c/bEv3XTXH	
U08	T8:4	2	T5:1	<u>UI for Writing answers to question, and submit</u> text field for putting down answer and submit button(that triggers submit)	https://trello.com/c/8MM5nAtM	
U09	T9:1	1		<u>Update Database</u> 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
U09	T9:2	1	T9:1	<u>DAO Classes</u> 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/khGR1dIV	
U09	T9:3	1	T9:2	<u>Action classes</u> 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	
U09	T9:4	3	T9:3	<u>GUI</u> Add GUI for setting an assignment's number of attempts	https://trello.com/c/usvF6PJo	
U10	T10:1	1		<u>DAO classes</u> Function for setting and getting marks for assignment on a student	https://trello.com/c/0hhsx1Zz	
U10	T10:2	1	T10:1	Action class for setting and getting marks for student	https://trello.com/c/HdOVliKE	
U10	T10:3	2	T10:2	GUI for setting and getting marks for student	https://trello.com/c/IE5XRZDX	
U11	T11:1	2		<u>DAO Classes</u> Function for getting all anaswer for assignemnt function setting and getting marks	https://trello.com/c/GuUAozAL	
U11	T11:2	1		Action class for setting and getting marks	https://trello.com/c/YX4TBWxe	
U11	T11:3	2	T11:2	<u>UI for showing marks and answers</u>	https://trello.com/c/TBfvU3CS	
U12	T12:1	1		<u>Database Update</u> new sql table to store temporarily the answers of questions. new sql function to store and update temporal answers	https://trello.com/c/5NQcO8Yu	

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