

# Tasks

User Story: U#  
 Task: T[User Story #]:[Task # for that User Story]  
 1 Task Point = 1 Hour  
 Description = Brief Description Detailed Description

v1

User Story	Task	Task Points	Dependencies	Description	Trello URL
U1	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	<a href="https://trello.com/c/n3Y6Vrbr">https://trello.com/c/n3Y6Vrbr</a>
U1	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	<a href="https://trello.com/c/QaeGGTy6">https://trello.com/c/QaeGGTy6</a>
U1	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	<a href="https://trello.com/c/cUYfy2ig">https://trello.com/c/cUYfy2ig</a>
U1	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	<a href="https://trello.com/c/7bTjEM5e">https://trello.com/c/7bTjEM5e</a>
U1	T1:5	2		<u>Setup SQL DB</u> Setup online PostgreSQL Database	<a href="https://trello.com/c/9wQXITAX">https://trello.com/c/9wQXITAX</a>
U1	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	<a href="https://trello.com/c/18W62wVm">https://trello.com/c/18W62wVm</a>
U2	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	<a href="https://trello.com/c/GgKBjXbl">https://trello.com/c/GgKBjXbl</a>
U2	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	<a href="https://trello.com/c/wagzRTjx">https://trello.com/c/wagzRTjx</a>
U3	T3:1	1		<u>Create a class to represent an assignment</u> Define the object architecture for "Assignment" Define a tempory question object for use in Assignment An assignment has a name and a list of questions	<a href="https://trello.com/c/oyOuQE2W">https://trello.com/c/oyOuQE2W</a>
U3	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	<a href="https://trello.com/c/WL4DJk4a">https://trello.com/c/WL4DJk4a</a>
U3	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	<a href="https://trello.com/c/8PICJTPf">https://trello.com/c/8PICJTPf</a>
U3	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	<a href="https://trello.com/c/PEWKRj50">https://trello.com/c/PEWKRj50</a>

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U4	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	<a href="https://trello.com/c/SnHcM9rN">https://trello.com/c/SnHcM9rN</a>
U4	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	<a href="https://trello.com/c/JVIU0DWh">https://trello.com/c/JVIU0DWh</a>