

## All Classes

### Class Summary

Class	Description
<b>ATUEngine</b>	Each ATUEngine is associated to one courseProject/request for teaming up, and produce one record for that courseProject The resultant ATU record is stored in teamList of this ATUEngine
<b>ATUEngine.ResultTeam</b>	class dedicated for showResultTable()
<b>CourseProject</b>	Each CourseProject object (e.g. comp3511_pa2) will have an associated ATUEngine to run or show output Act as a proxy to create/load each ATU record
<b>CreateMenuController</b>	Controller and event listener of CreateMenu
<b>CreateMenuStage</b>	Customized inheriting JavaFx Stage for building the Menu UI for Create process.
<b>Library</b>	The JavaFx application that provide UI for user to perform automatic teaming up and reviewing record.
<b>Library.Person</b>	Person class for displaying table of students in the GUI
<b>Library.Statistics</b>	Statistics class for displaying Statistics table in the GUI
<b>Main</b>	Main engine of the system - where the system start
<b>ReviewMenuController</b>	Controller and event listener of ReviewMenu
<b>ReviewMenuStage</b>	Customized inheriting JavaFx Stage for building the Menu UI for Review process.
<b>StartMenuController</b>	Controller and event listener of StartMenu
<b>StartMenuStage</b>	Customized inheriting JavaFx Stage for building the Menu UI for Start Menu.
<b>Student</b>	Class for every student entity Each Student has SID, name, email, k1_energy, k2_energy, k3, preference and concerns.
<b>Team</b>	Class for every team entity formed after ATU.