Package ATU

Class CourseProject

java.lang.Object
    ATU.CourseProject

```
public class CourseProject
extends java.lang.Object
```

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

Constructor Summary

Constructors

Constructor	Description
CourseProject (java.lang.String fileName, java.lang.String filePath)	constructor for Review process
CourseProject (java.lang.String courseName, java.lang.String projectName, ATUEngine atu)	constructor for Create process

Method Summary

All Methods   Instance Methods   Concrete Methods

Modifier and Type	Method	Description
java.lang.String	getCourseName ()	
java.lang.Boolean	getLoadedAlready ()	
java.lang.String	getProjectName ()	
void	loadAndShow (javafx.stage.Stage parentStage)	Load the ATU record from the JSON and show the result in tableView Used in *Review* process
void	runATU (java.util.ArrayList<Student> stuArr, java.lang.String outputPath, javafx.stage.Stage parentStage)	Run the ATUEngine of this courseProject with provided Student array Show the result in table and output a json file Used in *Create* process
java.lang.String	toString ()	

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait

Constructor Details

CourseProject

public CourseProject(java.lang.String courseName,
                      java.lang.String projectName,
                      ATUEngine atu)

constructor for Create process

Parameters:

courseName - name of the course

projectName - name of the project

atu - ATUEngine associated for performing teaming later

CourseProject

public CourseProject(java.lang.String fileName,
                      java.lang.String filePath)

constructor for Review process

Parameters:

fileName - name combining the course and project e.g. comp3111_ATU

filePath - path of the json record file for loading later

Method Details

toString

public java.lang.String toString()

Overrides:

toString in class java.lang.Object

getCourseName

public java.lang.String getCourseName()

getProjectName

```
public  java.lang.String  getProjectName()
```

getLoadedAlready

```
public  java.lang.Boolean  getLoadedAlready()
```

runATU

```
public  void  runATU(java.util.ArrayList<Student>  stuArr,
                     java.lang.String  outputPath,
                     javafx.stage.Stage  parentStage)
```

Run the ATUEngine of this courseProject with provided Student array
Show the result in table and output a json file
Used in *Create* process

Parameters:

stuArr - array of all Students involved in this courseProject

outputPath - the path of json output file

parentStage - parent stage of the stage running ATU

loadAndShow

```
public  void  loadAndShow(javafx.stage.Stage  parentStage)
```

Load the ATU record from the JSON and show the result in tableView
Used in *Review* process

Parameters:

parentStage - parent stage of the stage showing ATU record