Cairo University **Faculty of Computers and Information**

CS352 – Software Engineering II

Phase 2 Template

2017

Project Team

ID	Name	Email	Mobile
20140292	Noura Mohamed Arafa	nouraarfa95@gmail.com	01113600147
20140278	Menna Allah Ali Mohamed	mennaali3652gmail.com	01141155710
20140298	Nourhan Mohamed Zaki	nourzaki596@gmail.com	01152275725

[TA Eng Ragia Mohamed]

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Your Restful API

- **CopyGame Service**

<table>
<tr><td>Service name</td><td>CopyGame</td></tr>
<tr><td>Input type</td><td>Get</td></tr>
<tr><td>Service URL</td><td>http://localhost:8090/Angularjs/templates/Copygame/teacheremail/gamename/newgame/coursename</td></tr>
<tr><td>Parameters</td><td>
<table>
<tr><th>NAME</th><th>Description</th></tr>
<tr><td>teacheremail</td><td>Provided Teacher email create the game</td></tr>
<tr><td>gamename</td><td>The name of the game will be copied</td></tr>
<tr><td>newgame</td><td>The name of the new game the copied version</td></tr>
<tr><td>Course name</td><td>The course that contain the copiedgame</td></tr>
</table>
</td></tr>
<tr><td>Example request</td><td>Get http://localhost:8090/Angularjs/templates/Copygame/Menna/Game1/Game2/MATH</td></tr>
</table>

- **AddGameCollaporator Service**

Service name	AddGameCollaporators
Input type	Get
Service URL	http://localhost:8090/Angularjs/templates/AddGameCollaporator/gamename/newemail
Parameters	NAME: gamename — Description: Provided the game will be shared between the teachers NAME: newemail — Description: The new teacher email
Example request	POST http:// fci-swe-apps.appspot.com /rest/AddGameCollaporatos/Game1/noura@gmail

- **CancelGame**

Service name	CancelGame
Input type	Get
Service URL	http://localhost:8090/Angularjs/templates/cancelgame/gamename/email
Parameters	NAME: gamename — Description: The gamename that will be cancelled NAME: email — Description: The Teacher creater of the

		game or collaborator email	
Example request	Get http:// fci-swe-apps.appspot.com /rest/Game1/NOURA@gmail		

- **EditCompletegame Service**

Service name	EditCompleteGame		
Input type	Post		
Service URL	http://localhost:8090/Angularjs/templates/EditCompleteGame		
Parameters	NAME	Description	
	CourseName	Provided the name of the course to create	
	CourseOwner	Provide the email of the teacher who want to create the course	
Example request	POST http://localhost:8090/Angularjs/templates/CourseName		

Example response	{
	"courseName":"programming",
	"CourseOwner":"nouraarafa@gmail"
	}		

- **EditMatchingGameService**

<table>
<tr><td>Service name</td><td>EditMatchingameService</td></tr>
<tr><td>Input type</td><td>POST</td></tr>
<tr><td>Service URL</td><td>http://localhost:8090/Angularjs/templates/createcompletegame/{coursename}/{teacherid}</td></tr>
<tr><td>Parameters</td><td><table>
<tr><td>NAME</td><td>Description</td></tr>
<tr><td>Coursename</td><td>This parameter provide the course name that this game belong to .</td></tr>
<tr><td>Teacherid</td><td>Provide the games owner id .</td></tr>
<tr><td>Cgame</td><td>Provide the game questions and model answer details</td></tr>
</table></td></tr>
<tr><td>Example request</td><td>POST
http://localhost:8090/Angularjs/templates/createcompletegame/Math/mennaali@gmail</td></tr>
<tr><td>Example response</td><td>{"gameName":"Game1",
"questions":["10+10","5+2"],
“modelanswer" :["1","2"]
}</td></tr>
</table>

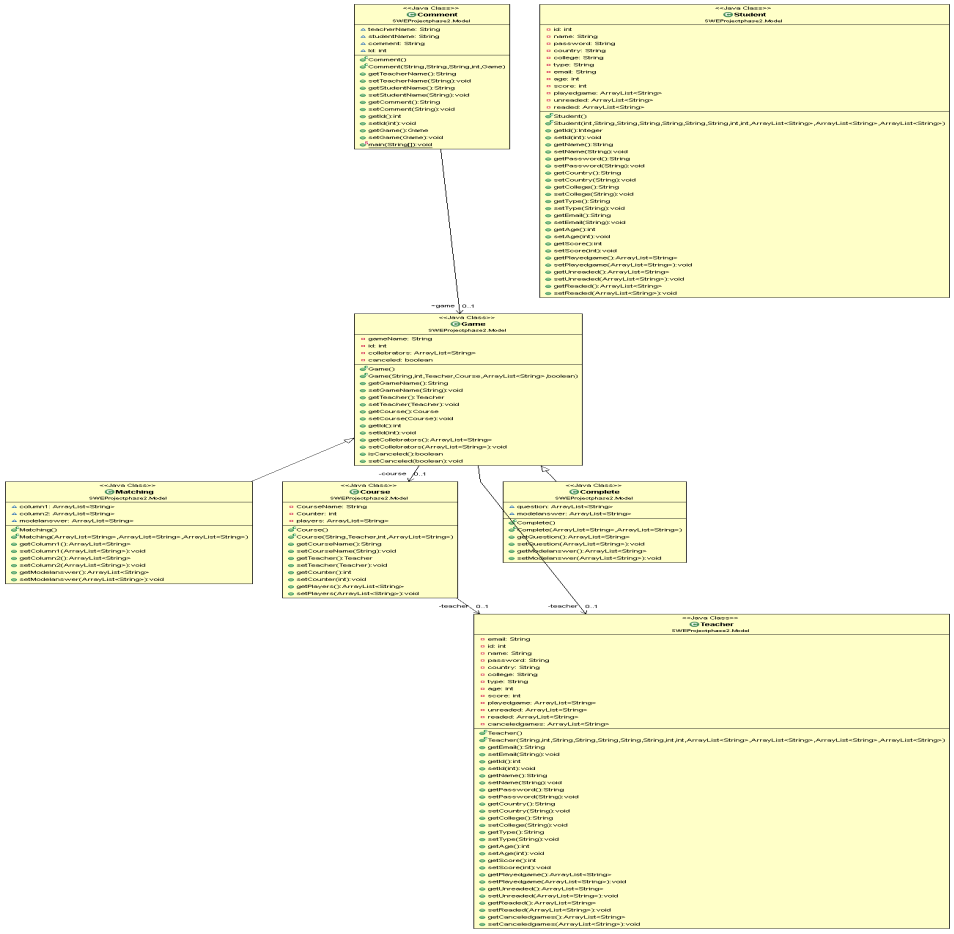
- **AddComment Service**

Service name	AddComment
Input type	POST
Service URL	http://localhost:8090/Angularjs/templates/creatematchga

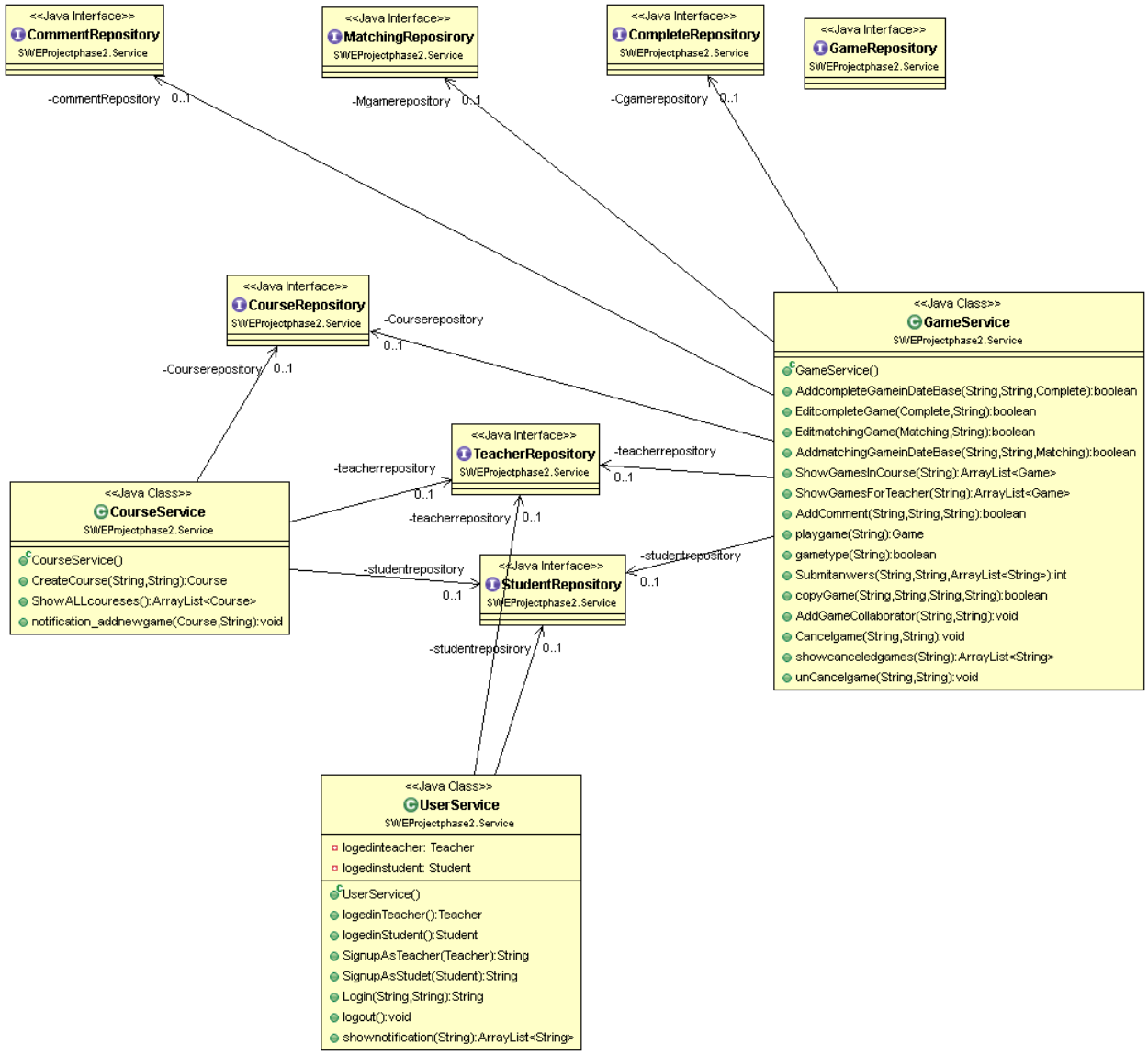
<table>
<tr><td></td><td>me/{coursename}/{teacherid}</td></tr>
<tr><td>Parameters</td><td>
<table>
<tr><th>NAME</th><th>Description</th></tr>
<tr><td>Coursename</td><td>This parameter provide the course name that this game belong to .</td></tr>
<tr><td>Teacherid</td><td>Provide the games owner id .</td></tr>
<tr><td>mgame</td><td>Provide the game questions and model answer details</td></tr>
</table>
</td></tr>
<tr><td>Example request</td><td>POST
http://localhost:8090/Angularjs/templates/creatematchgame/Math/mennaali@gmail</td></tr>
<tr><td>Example response</td><td>{"gameName":"Game1",
"column1" : ["10+10","5+2"],
"column2" : ["20","7"],
"modelanswer":["1","2"]}</td></tr>
</table>

Class diagram design

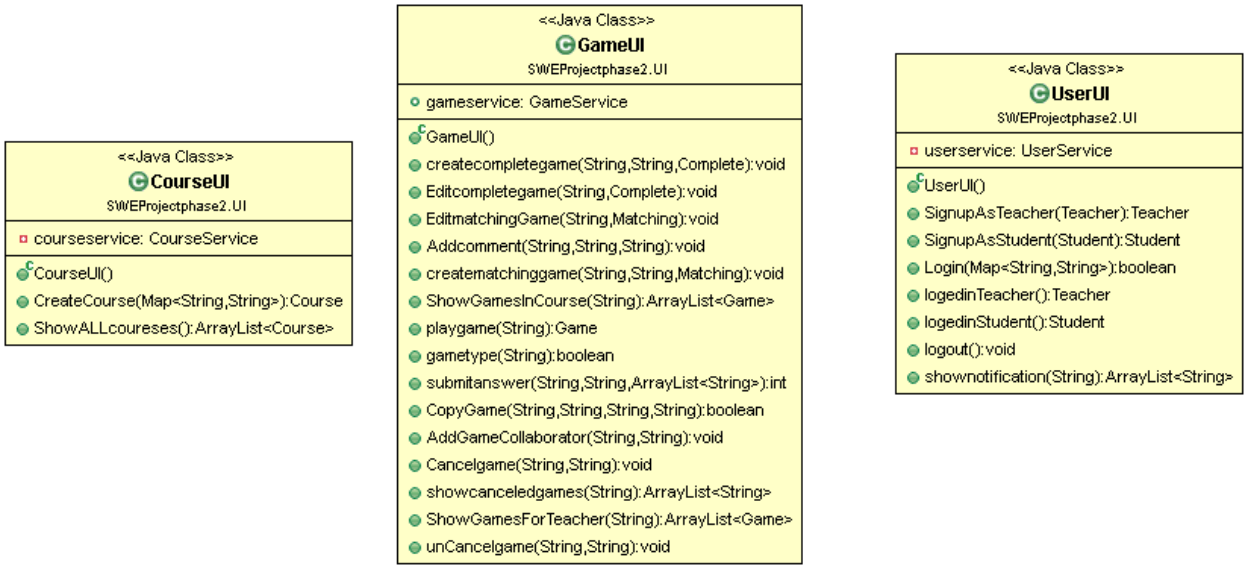
1-Model Package



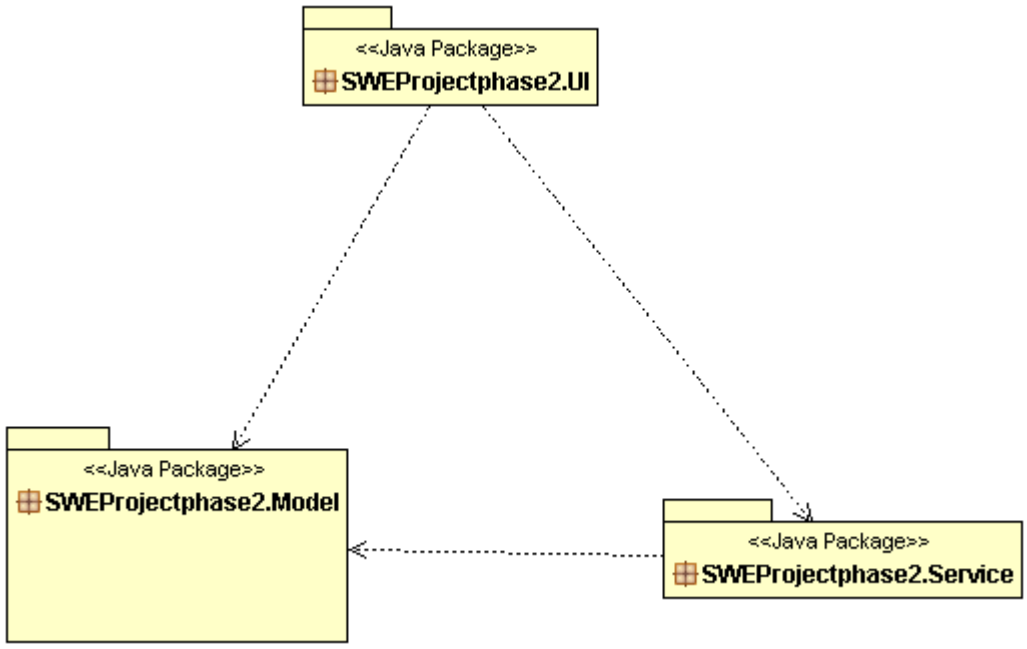
2-Services Package



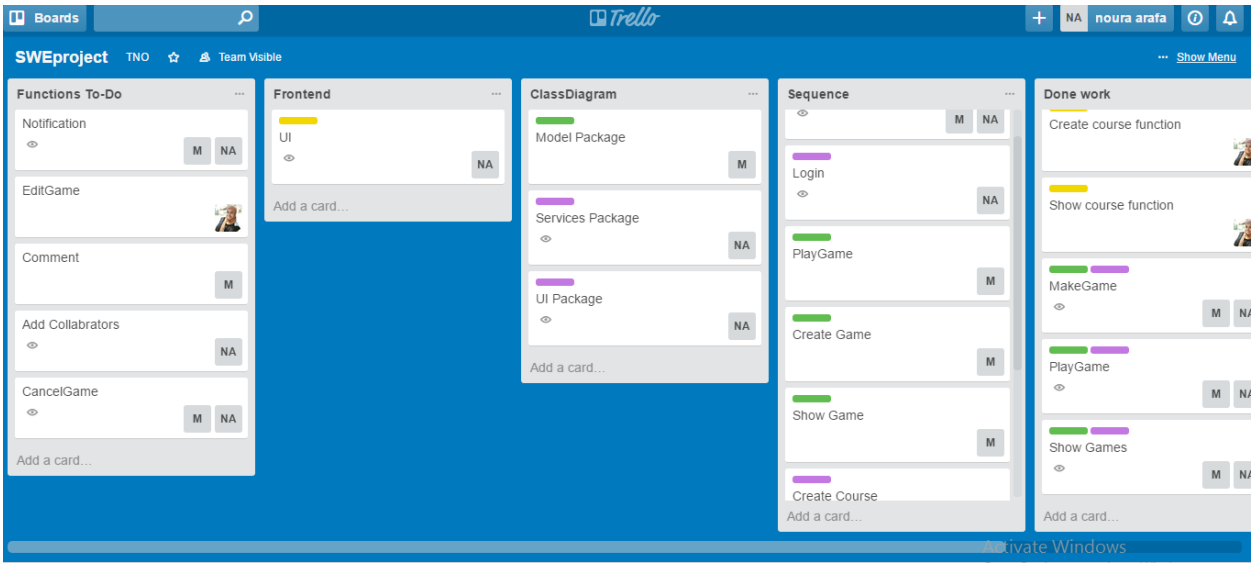
3-UI Package



4-Relations Between Packages



Trello workspace screenshot



GithubLink:

https://github.com/Noura-arafa/Science-Academy