



CS352 – Software Engineering II

Phase 2 Template

2017

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Contents

Your Restful API.....	4
Daily scrum Meetings.....	8
16/4/2017	9
Done requirements	9
What will be done today	9
Current obstacles	9
17/4/2017	10
Done requirements	10
What will be done today	10
Current obstacles	10
18/4/2017	11
Done requirements	11
What will be done today	11
Current obstacles	11
20/4/2017	12
Done requirements	12
What will be done today	12
Current obstacles	12
21/4/2017	13
Done requirements	13
What will be done today	13
Current obstacles	13
Class diagram design	15
Trello workspace screenshot	16



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Phase 2- document

Github repository link 16



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Phase 2- document

Your Restful API

Service name	SignupTeacher		
Input type	POST		
Service URL	http://localhost:8080/SignupTeacher		
Parameters	NAME	Description	
	teacher	Object of class Teacher	

Service name	SignupStudent		
Input type	POST		
Service URL	http://localhost:8080/SignupStudent		
Parameters	NAME	Description	
	student	Object of class Student	

Service name	Login		
Input type	GET		
Service URL	http://localhost:8080/Login		
Parameters	NAME	Description	
	name	Provided user name	
	Password	Provided user password	



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Service name	AddCourse		
Input type	POST		
Service URL	http://localhost:8080/AddCourse		
Parameters	NAME	Description	
	course	Object of calss Course	
Service name	showCoursesT		
Input type	GET		
Service URL	http://localhost:8080/coursesT		

Service name	showCoursesS
Input type	GET
Service URL	http://localhost:8080/ coursesS



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Service name	addGame		
Input type	POST		
Service URL	http://localhost:8080/CreatingGame		
Parameters	NAME	Description	
	game	Object of calss Game	
Service name	showGamesT		
Input type	GET		
Service URL	http://localhost:8080/games		
Parameters	NAME	Description	
	course	Provided course name to show the games on it	
Example	http://localhost:8080/games?course=science		
Response Example	Table contain the name and description of the game in this course.		

Service name	showGamesS		
Input type	GET		
Service URL	http://localhost:8080/games		
Parameters	NAME	Description	
	Course	Provided course name to show the games on it	
Example	http://localhost:8080/games?course=math		
Response Example	Table contain the name and description of the game in this course.		



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Service name	QAs	
Input type	GET	
Service URL	http://localhost:8080/QA	
Parameters	NAME	Description
	Gname	Provided game name
	Question	Provided game question
	Choices	Provided question options to answer
	Answer	Provided correct question answer
	Gcourse	Provided game course

Service name	showQuestions	
Input type	GET	
Service URL	http://localhost:8080/show	
Parameters	NAME	Description
	game	Provided name of the game
	course	Provided course of the game
Example	http://localhost:8080/show?game=adding&course=math	
Response Example	Table with questions and their choices.	

Service name	Play
Input type	GET



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Service URL	http://localhost:8080/answers		
Parameters	NAME	Description	
	game	Provided name of the game	
	course	Provided course of the game	

Daily scrum Meetings



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16/4/2017

Done requirements

Nouran: create app engine application and database.

Yomna: Decides that the arch may be MVC.

Dina: Learn connection of database in maven projects.

Amira: Deciding on the main pages to be implemented.

What will be done today

Yomna: Deploy Sign up service on app engine.

Nouran: Deploy Login service and put constrains in inputs.

Dina: test functions that will be done.

Amira: Home page.

Current obstacles

Yomna: Discovered that sign up function must have constrains and validation for empty and wrong inputs.

Dina: Sign up can save multiple same mail which is no logic.



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17/4/2017

Done requirements

Nouran: Login function and know query in java.

Yomna: Deploy Sign up service on app engine.

Dina: Save the data of student and teacher in one table instead of two tables.

Amira: Home Page, Sign in Page, Sign up Page.

What will be done today

Dina,Yomna: deploy add course service.

Nouran: deploy show all courses service.

Yomna: test all done services.

Current obstacles

Nouran: Discovered that list of rows of database may displayed as array of Jason.

Yomna: Many errors in web services project (In eclipse).

Amira: Importing many CSS pages all together causes some features to fail displaying.



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18/4/2017

Done requirements

Dina,Yomna: deploy add course service.

Nouran: deploy show all courses service.

Amira: Home Page, Sign in Page, Sign up Page.

What will be done today

Dina,Yomna: deploy add game service.

Nouran: deploy show game of specific course service.

Amira: Profile Page, Contact Page, Q&A Page.

Current obstacles

Nouran: Discovered errors in database query.

Dina: sequence of inputs is ambiguous.

Amira: Adding and positioning photos in the pages is a huge dilemma, Some features need active and steady internet connection in order to work.



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20/4/2017

Done requirements

Dina,Yomna: deploy add game service.

Nouran: deploy show game of specific course service.

Amira: Home Page, Sign in Page, Sign up Page, Profile Page, Contact Page, Q&A Page.

What will be done today

Dina: deploy Show questions of games.

Yomna: deploy play services.

Nouran: Save score in database and display.

Amira: Courses Pages, Games Pages.

Current obstacles

Nouran: play function contains out of bound error.



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21/4/2017

Done requirements

Dina: deploy Show questions of games.

Amira: Amira: Home Page, Sign in Page, Sign up Page, Profile Page, Contact Page, Q&A Page, Courses Pages, Games Pages.

What will be done today

Yomna: deploy play services.

Nouran: Save score in database and display.

Amira: Add course page, Add game page, Play game page.

Current obstacles

Nouran: play function contains out of bound error.

Amira: Pages referencing is not working.



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22/4/2017

Done requirements

Dina: deploy Show questions of games with table not Jason.

Yomna: deploy show courses with table.

Nouran : deploy Show Games of specific course with table instead of Jason and Finished play service with score.

What will be done today

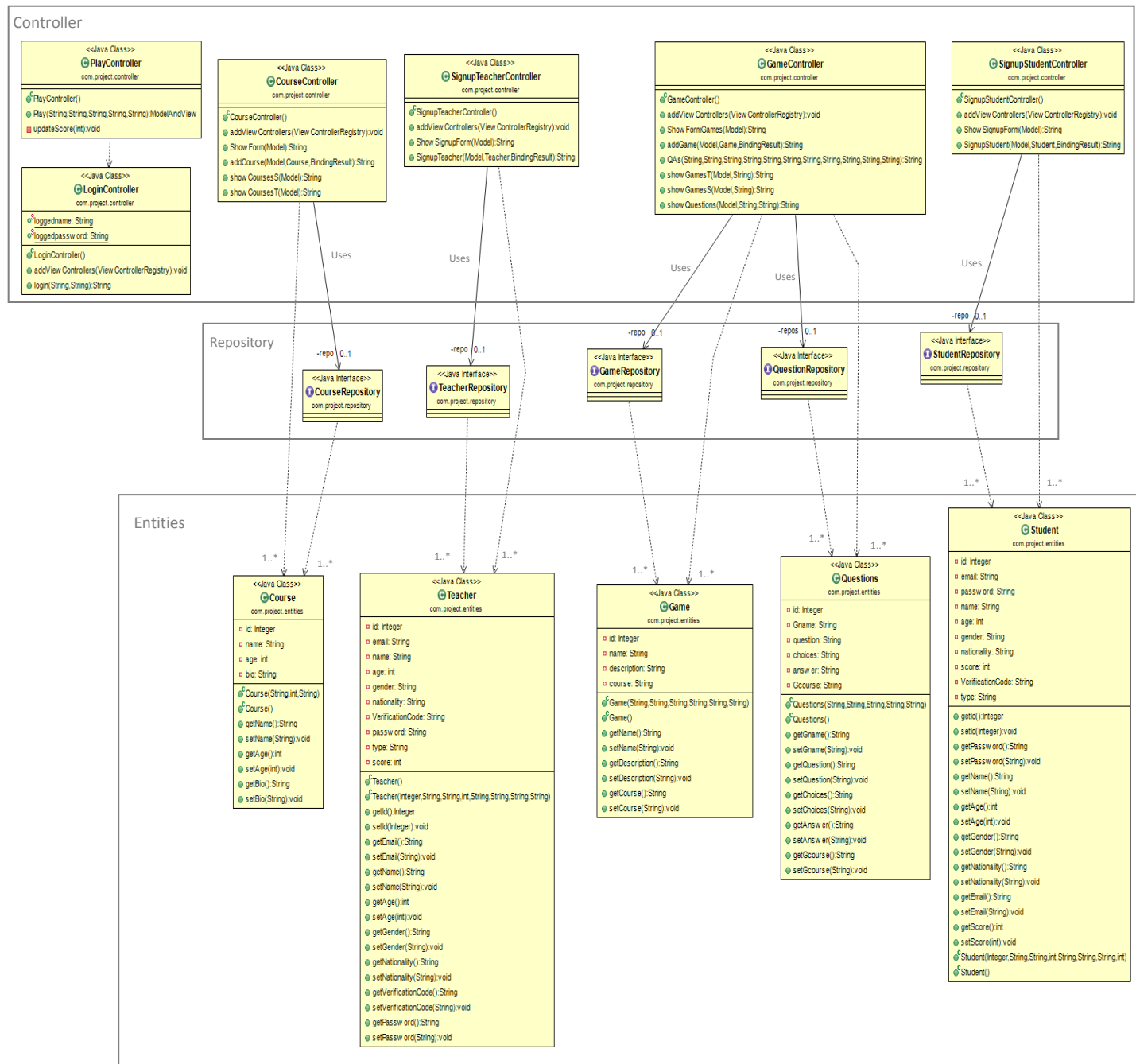
Submission of the project 😊 .



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Class diagram design

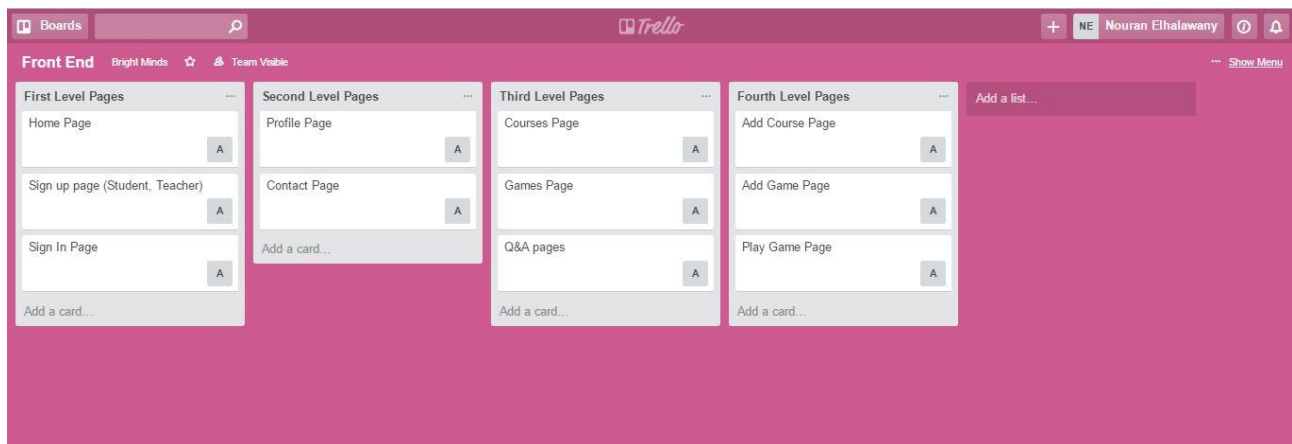
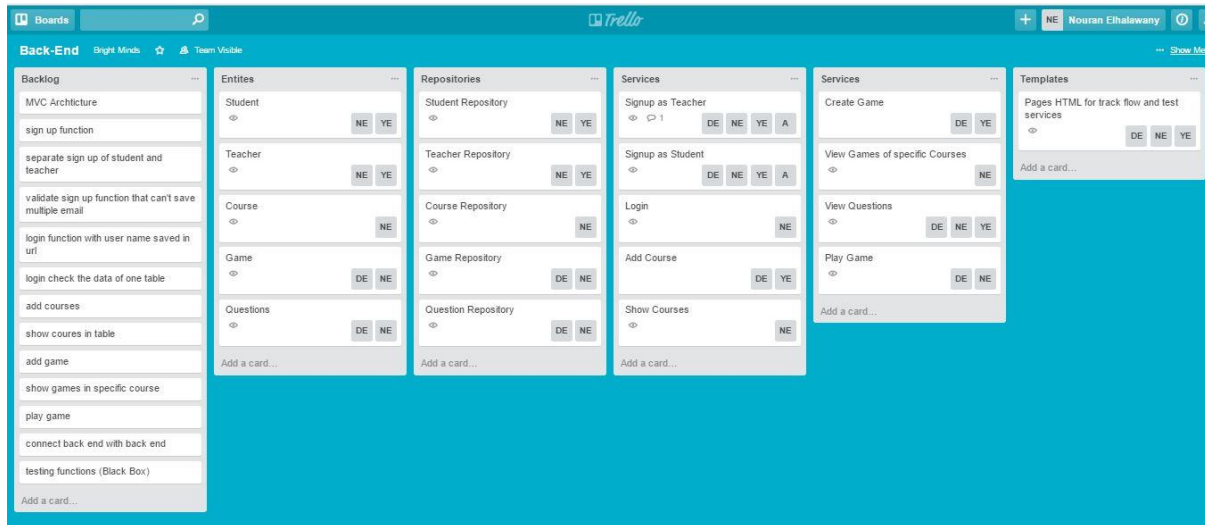




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Trello workspace screenshot



Github repository link

<https://github.com/AmiraAlsayed/Software-Engineering/tree/master/Software%20Engineering%20II>