Cairo University   **Faculty of Computers and Information**

CS352 – Software Engineering II

Phase 2 Template

2017

Project Team

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Phase 2- document

Contents

Phase 2- document

Restful API

loginUser (Service)

Service name	loginUser (Service)
Input type	POST
Service URL	http://localhost:8080/api/login/
Parameters	<table><tr><td>NAME</td><td>Description</td></tr><tr><td>email</td><td>Provided user email</td></tr><tr><td>Password</td><td>Provided user password</td></tr></table>
Example request	POST http://localhost:8080/api/login/ Body : { "email": "abeer.ah12.7@gamil.com" , "pw": "123456789"}
Example response	{"Status":"OK",_body:{"id":"1","email":"abeer.ah12.7@gamil.com","name":"Abeer","password":"123456789" , "type":"Teacher"}}

Phase 2- document

CreateUser (Service)

Service name	CreateUser (Service)
Input type	POST
Service URL	http://localhost:8080/api/create/user
Parameters	

NAME	Description
name	Provided user email
email	Provided user email
Password	Provided user password
Type	Teacher or Student

Example request	POST http://localhost:8080/api/login/ Body : {"name":"Abeer", "email": "abeer.ah12.7@gamil.com" , "pw": "123456789" , "type":"Teacher"}
Example response	{"Status":"OK",_body:{"id":"1","email":"abeer.ah12.7@gamil.com","name":"Abeer","password":"123456789" , "type":"Teacher"}}

Phase 2- document

CreateGame (Service)

Service name	CreateGame (Service)
Input type	POST
Service URL	http://localhost:8080/api/create/user
Parameters	<table><tr><td>NAME</td><td>Description</td></tr><tr><td>name</td><td>Provided game name</td></tr><tr><td>courseId</td><td>Provided the parent course</td></tr><tr><td>Category</td><td>Provided game Category (Math , Programming ..etc)</td></tr></table>
Example request	POST http://localhost:8080/api/login/ Body : {"name":"game1", "courseId": "2" , "catgory": "Math" }
Example response	{"Status":"OK",_body:{"id":"1","name":"game1", "courseId": "2" , "catgory": "Math"}

Phase 2- document

addQ (Service)

Service name	addQ (Service)		
Input type	POST		
Service URL	http://localhost:8080/api/create/user		
Parameters			
	NAME	**Description**	
	q	Provided the question	
	a	Provided available answers	
	ra	Provided the right answer	
	gameId	Provided the parent game	
Example request	POST http://localhost:8080/api/login/ Body : {"q":"how are you ?", "a": ["OK","fine"] , "ra": "fine" , "gameId": 1 }		
Example response	{"Status":"OK"}		

Phase 2- document

getGames (Service)

Service name	GetAllGames(Service)
Input type	GET
Service URL	http://localhost:8080/api/games/
Parameters	
Example request	GET http://localhost:8080/api/games/
Example response	{"Status":"OK",_body:{"id":"1","name":"game1", "courseId": "2" , "category": "Math"}

Phase 2- document

getQ (Service)

Service name	getQ (Service)
Input type	GET
Service URL	http://localhost:8080/api/q/id
Parameters	<table><tr><td>NAME</td><td>Description</td></tr><tr><td>id</td><td>Provided parent game id</td></tr></table>
Example request	GET http://localhost:8080/api/q/1
Example response	{"Status":"OK",_body:[{"q":"how are you ?", "a": ["OK","fine"] , "ra": "fine" , "gameId": 1} , "q":"are you OK ?", "a": ["OK","fine"] , "ra": "OK" , "gameId": 1] }

Phase 2- document

getCourses (Service)

Service name	GetCourses(Service)
Input type	GET
Service URL	http://localhost:8080/api/courses/
Parameters	
Example request	GET http://localhost:8080/api/login/
Example response	{"Status":"OK",_body:[{"id":"1","name":"c1"} ,{"id":"2","name":"c2"}] }

Phase 2- document

getCourseByTeacher (Service)

Service name	getCourseByTeacher (Service)
Input type	GET
Service URL	http://localhost:8080/api/courses/id
Parameters	<table><tr><td>NAME</td><td>Description</td></tr><tr><td>id</td><td>Provided the id of a teacher</td></tr></table>
Example request	GET http://localhost:8080/api/login/id
Example response	{"Status":"OK",_body:[{"id":"1","name":"c1" , "TeacherId":1} ,{"id":"2","name":"c2","TeacherId":1}] }

Phase 2- document

addScore (Service)

Service name	addScore (Service)
Input type	POST
Service URL	http://localhost:8080/api/add/score
Parameters	<table><tr><th>NAME</th><th>Description</th></tr><tr><td>game</td><td>Provided game name</td></tr><tr><td>score</td><td>Provided score</td></tr><tr><td>studentId</td><td>Provided student id</td></tr></table>
Example request	POST http://localhost:8080/api/login/ Body : {"game":"game1", "score":"2/3", "studentId": 1 }
Example response	{"Status":"OK"}

Phase 2- document

getMyScores (Service)

Service name	getMyScores (Service)
Input type	GET
Service URL	http://localhost:8080/api/myscores/id
Parameters	
	NAME	Description

NAME	Description
id	Provided student id

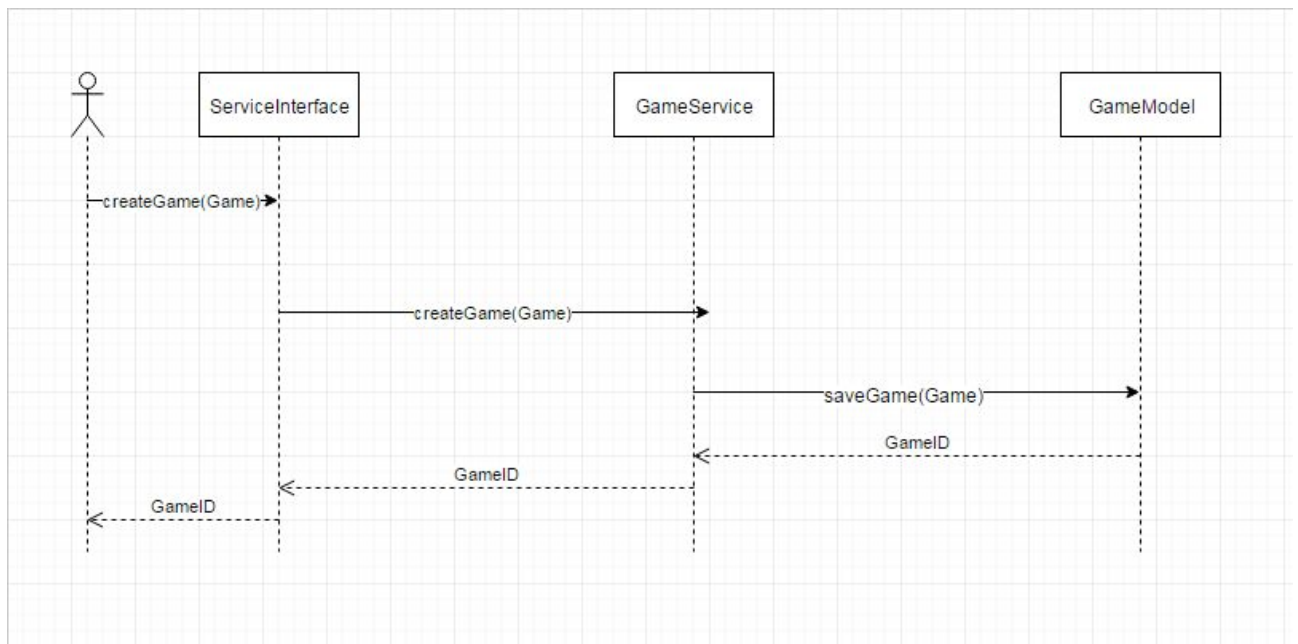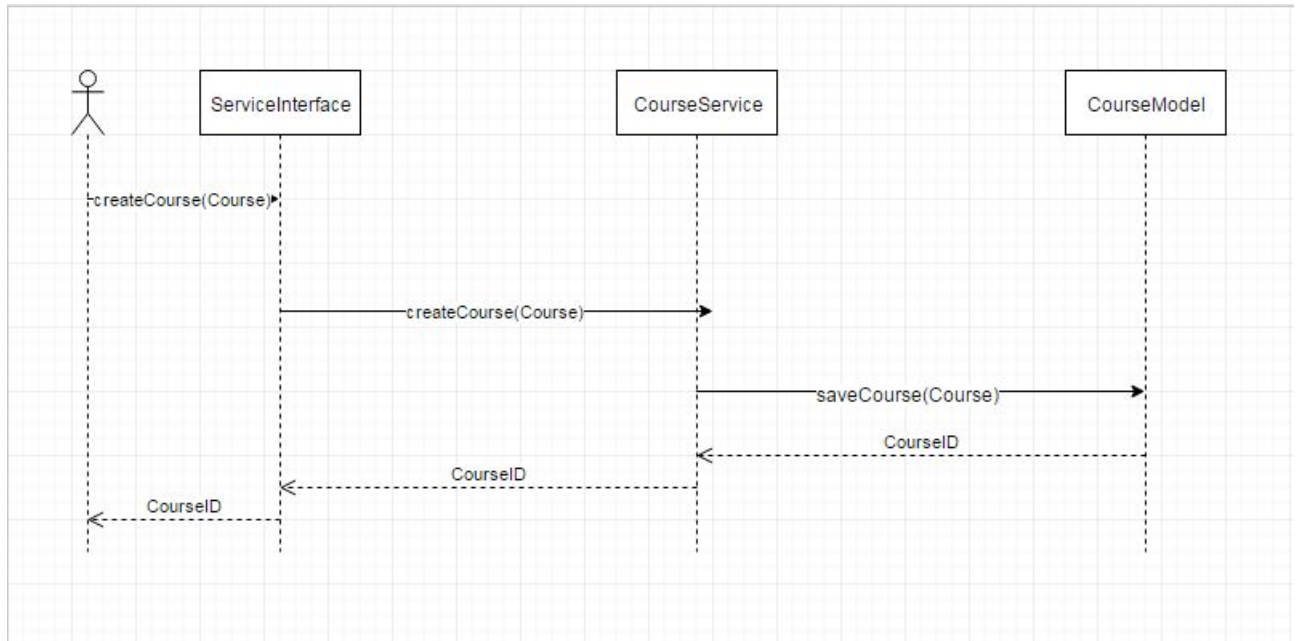| Example request	GET http://localhost:8080/api/myscores/id
Example response	{"Status":"OK",_body:[{"game":"game1","s":"1/2"} ,{"game":"game2","s":"2/2"}] }

Class Diagram & Sequence Diagrams:
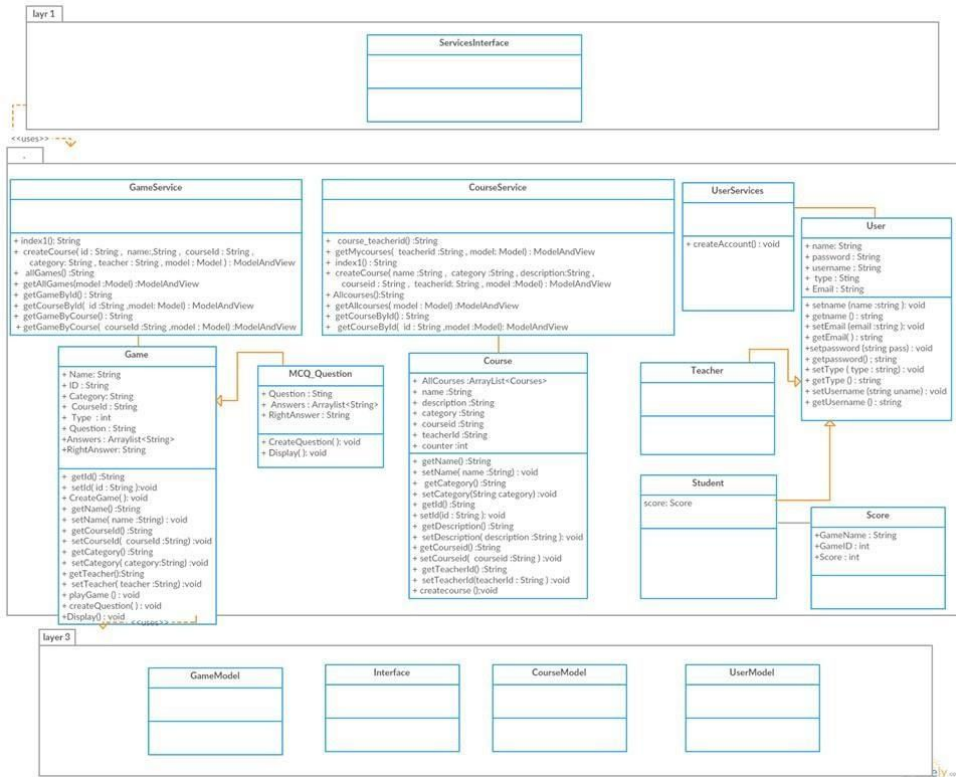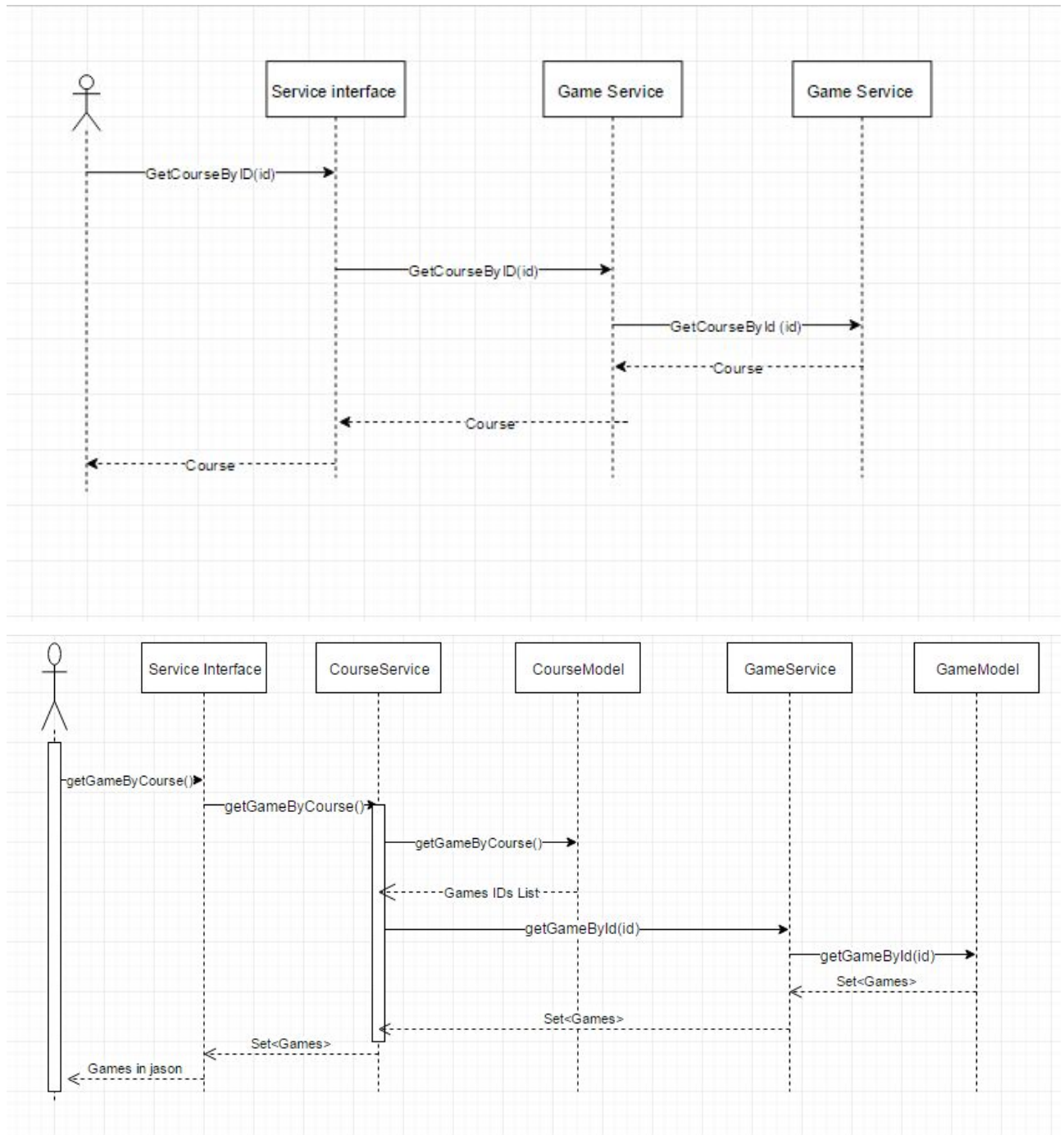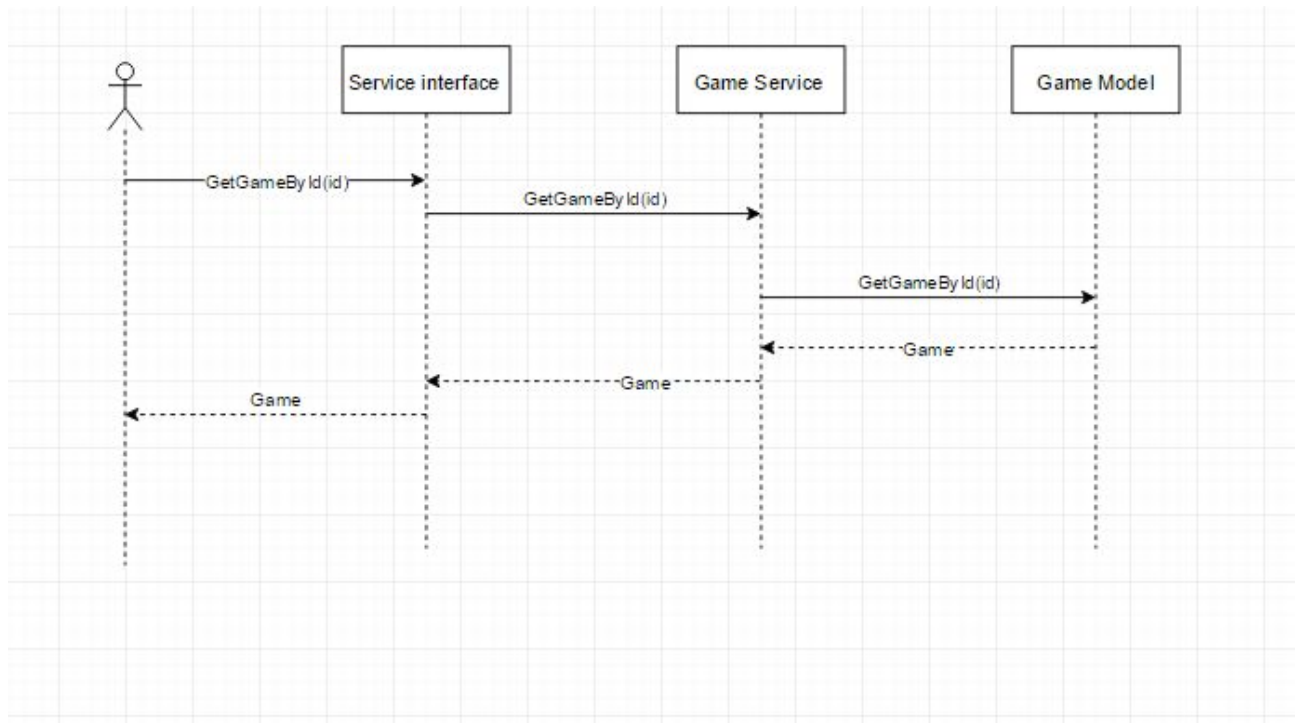
Phase 2- document

Phase 2- document

Phase 2- document
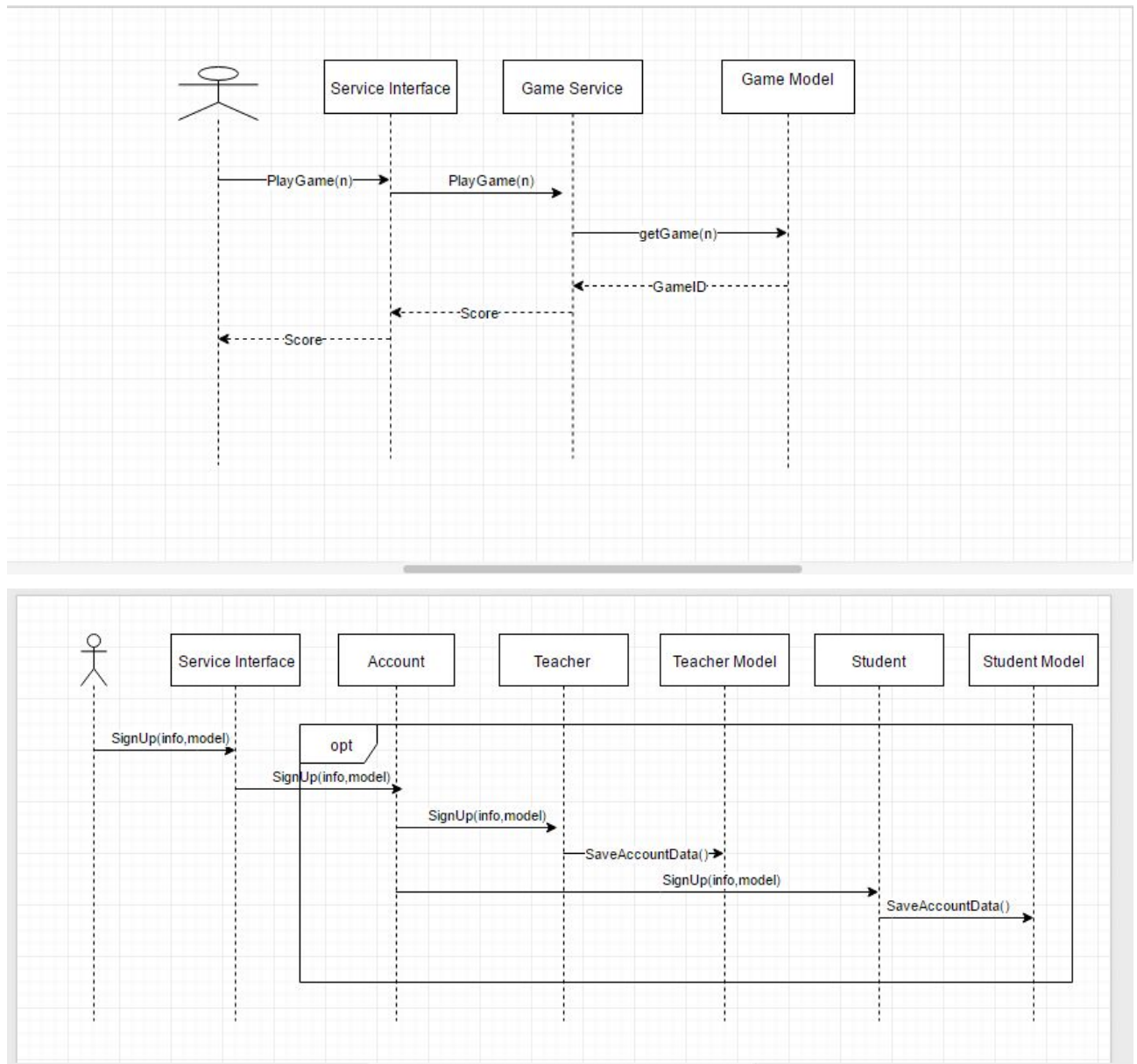
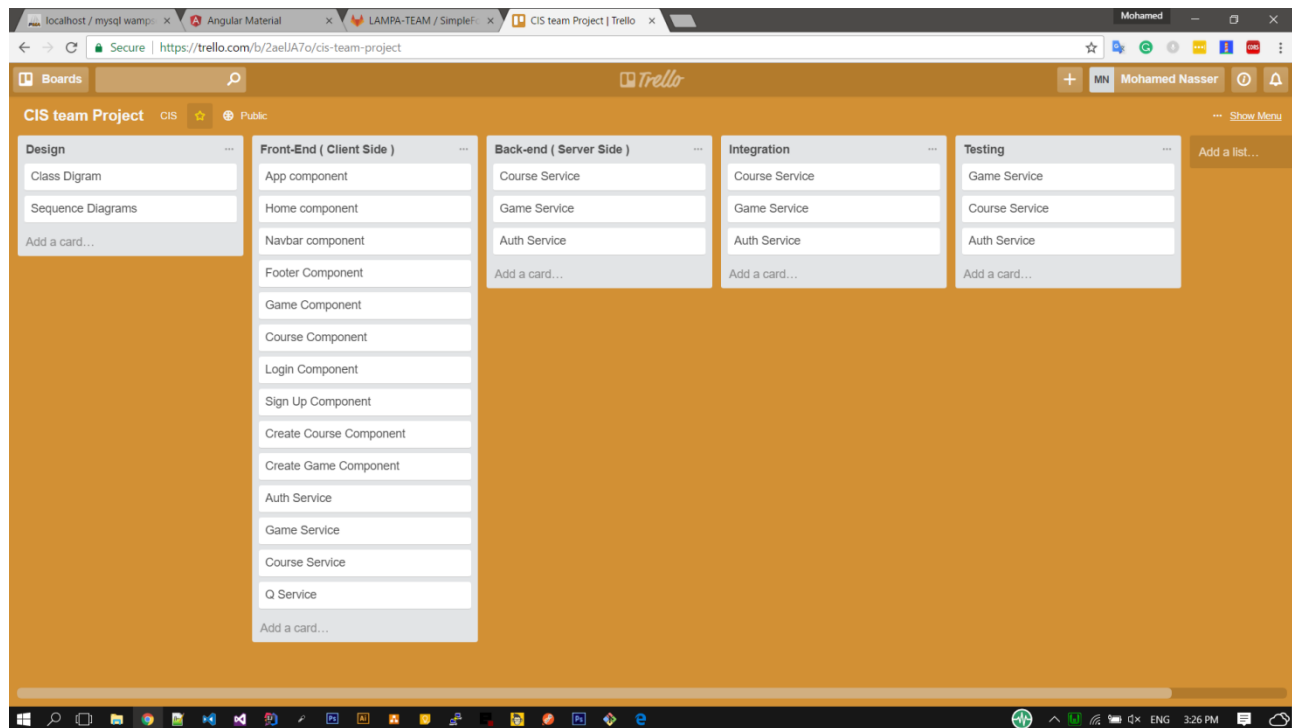## Phase 2- document

Phase 2- document

Phase 2- document

Trello workspace screenshot

Github repository link

https://github.com/mhmeeaad/SW2-CIS-team/