Cairo University Faculty of Computers and Information



**CS352 – Software Engineering II**

**Phase 2 Template**

**2017**

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# Project Team

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# Your Restful API

* **Your restful API should provide read and write to your social network data**
* **In this section you should describe each service in your RESTful API**
* **For each service you list service Name input type (GET or POST), Service URL, parameters and description for each parameter, Example request, Example response**
* **For example: check description of one service from twitter Rest API here**

[**https://dev.twitter.com/rest/reference/get/statuses/mentions\_timeline**](https://dev.twitter.com/rest/reference/get/statuses/mentions_timeline)

* **Use the following table to describe each service**

|  |  |
| --- | --- |
| **Service name** | **SERVICE NAME** |
| **Input type** | **GET or POST** |
| **Service URL** | **URL** |
| **Parameters** | |  |  | | --- | --- | | **NAME** | **Description** | | **PARAMETER\_NAME** | **PARAMETER\_DESC** | |
| **Example request** |  |
| **Example response** |  |

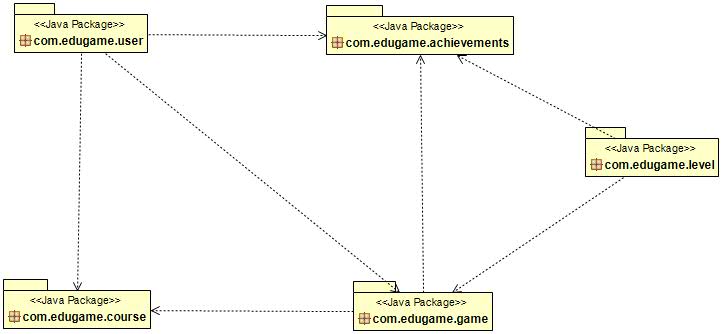
**Example:**

**LoginService**

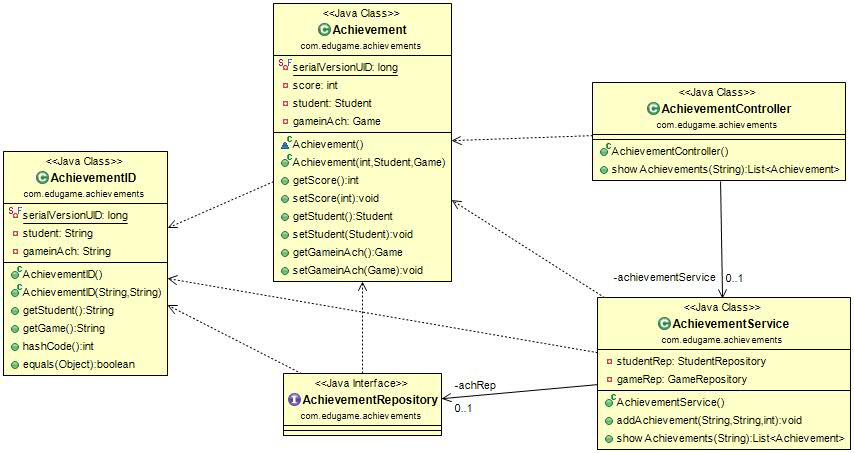
|  |  |
| --- | --- |
| **Service name** | **LoginService** |
| **Input type** | **POST** |
| **Service URL** | **http://fci-swe-apps.appspot.com/rest/LoginService** |
| **Parameters** | |  |  | | --- | --- | | **NAME** | **Description** | | **uname** | **Provided user name** | | **Password** | **Provided user password** | |
| **Example request** | **POST**  **http://** **fci-swe-apps.appspot.com /rest/LoginService?uname=** **MohamedSamir3&password=123456789** |
| **Example response** | **{"id":1,"Status":"OK","email":"mohamed","name":"MohamedSamir3","password":"123456789"}** |

# Class diagram design

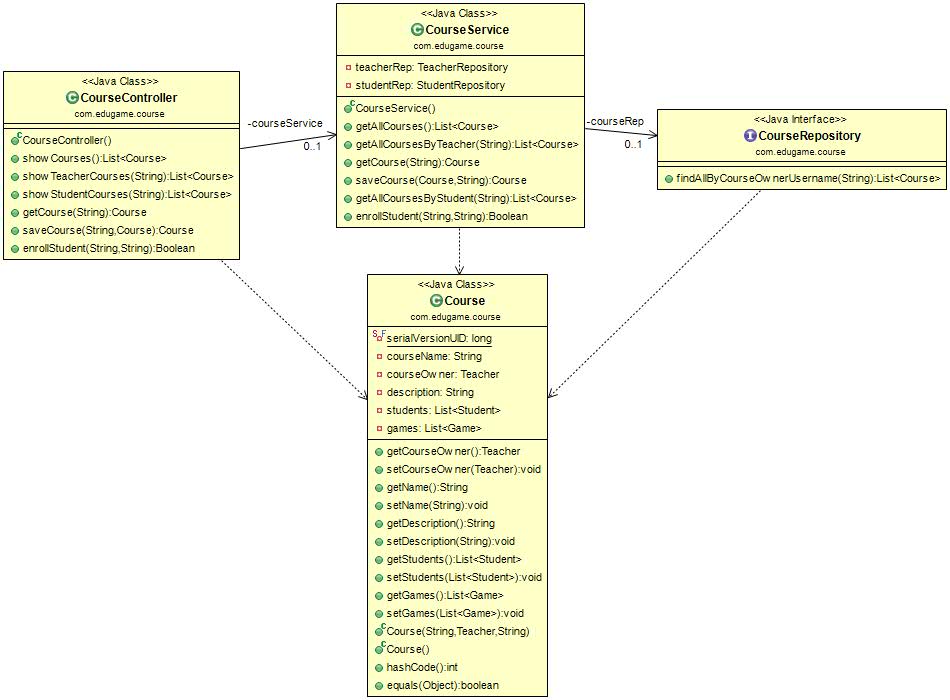
## Subsystems



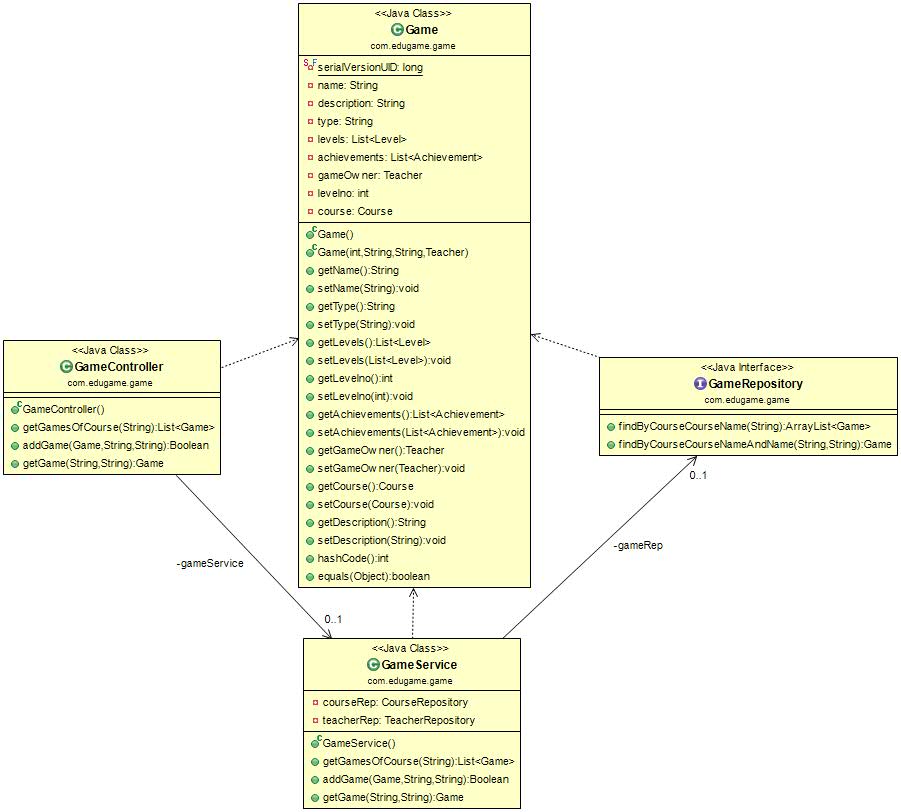
## Achievement



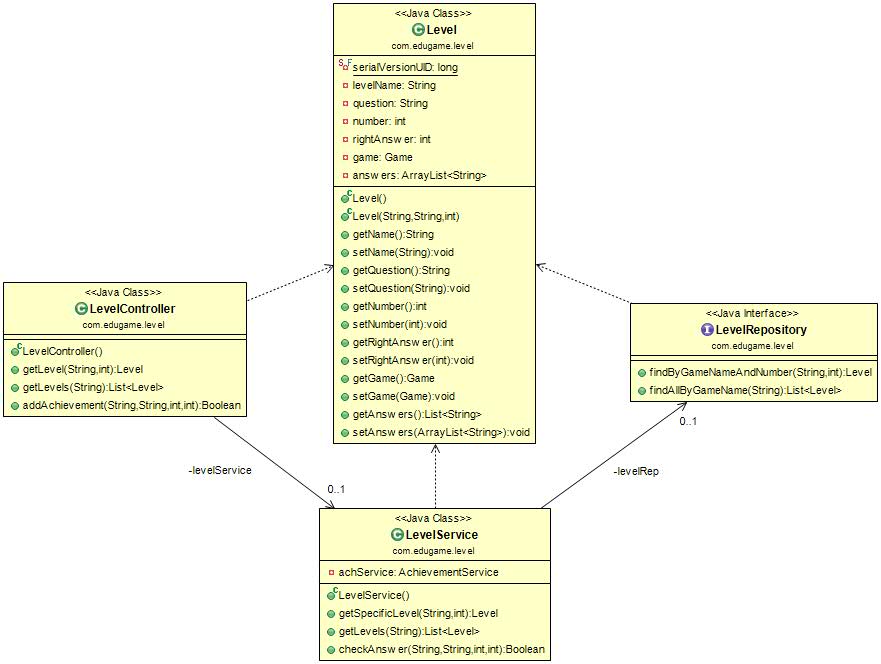
## Course



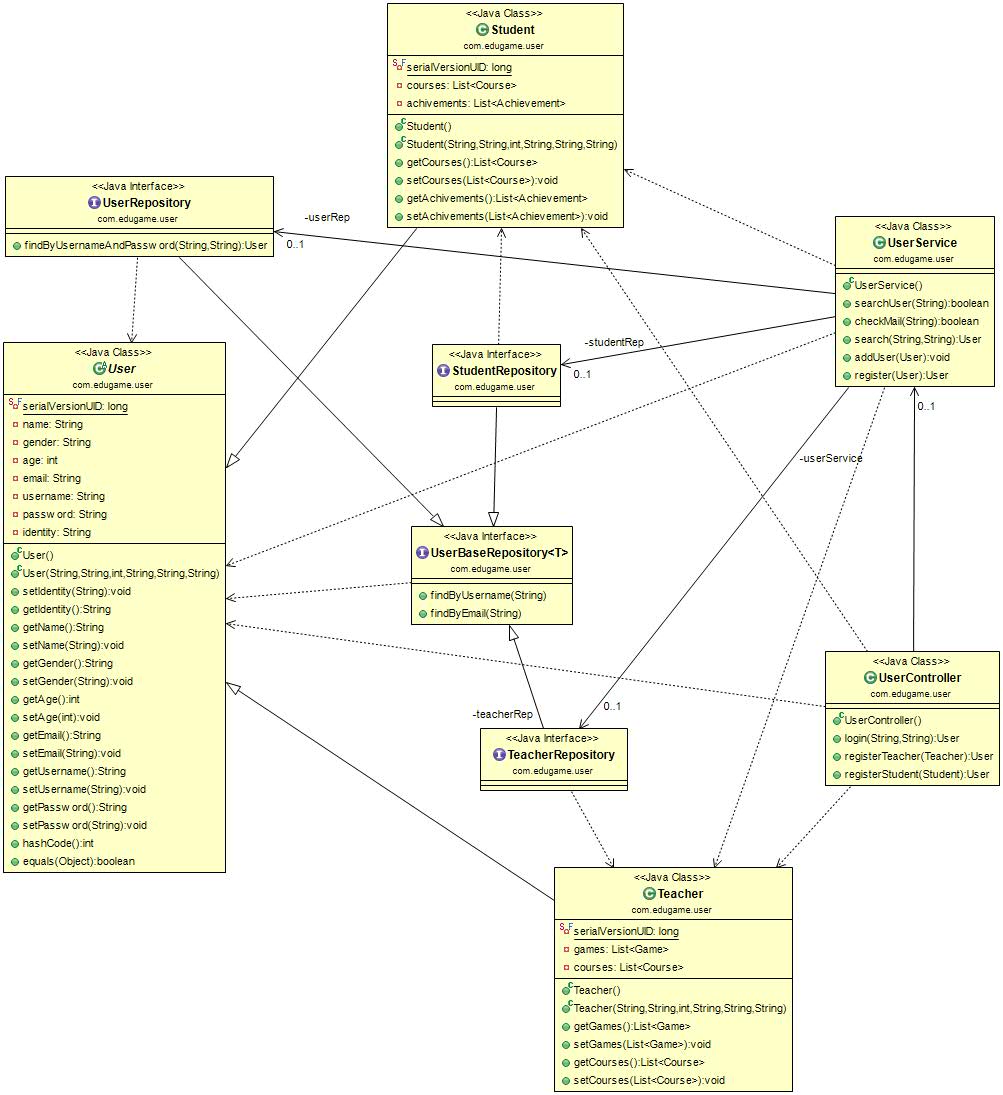
## Game



## Level

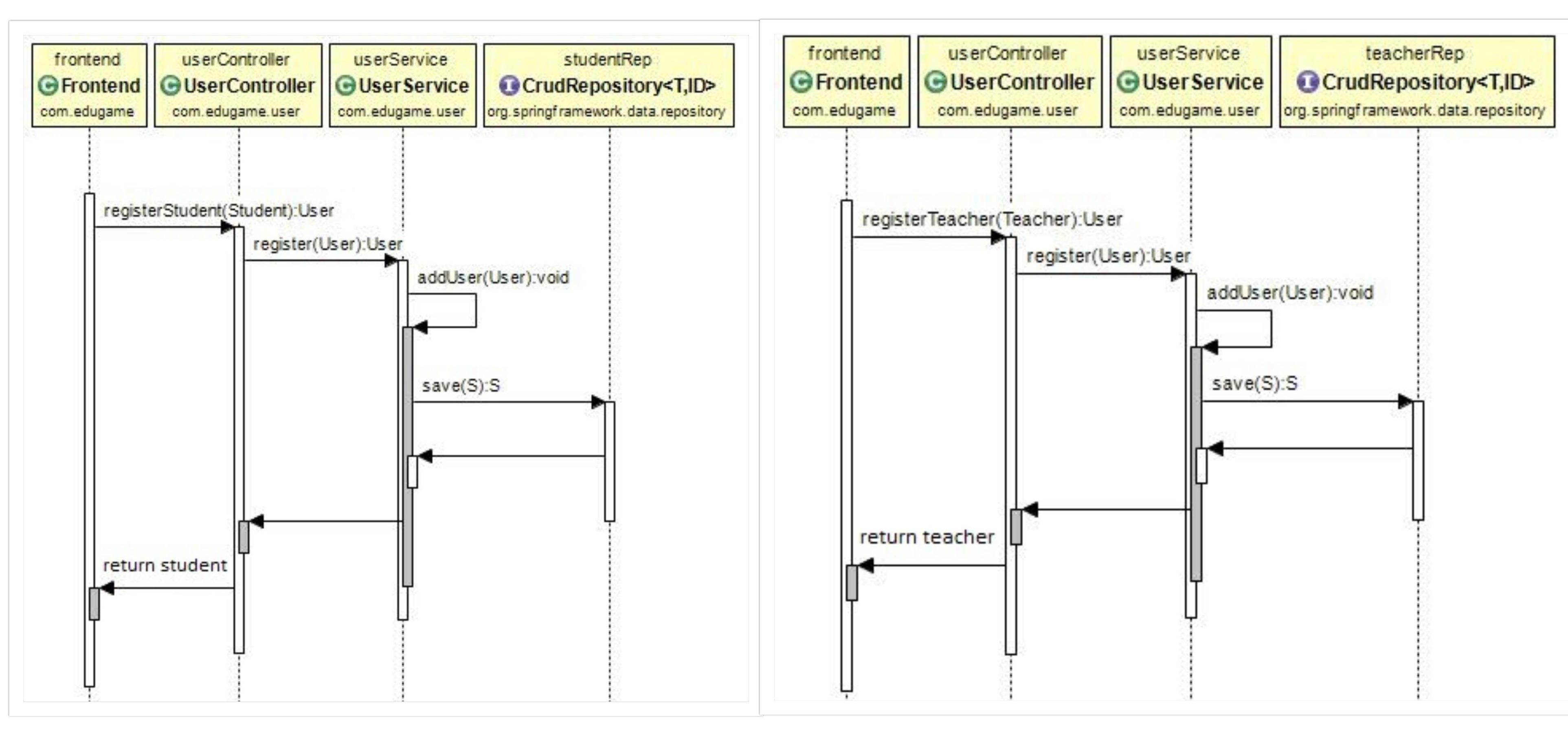


## User

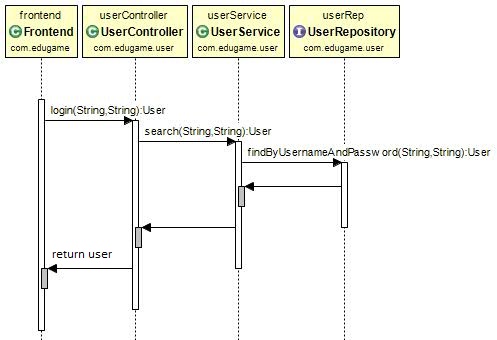


# Sequence Diagrams

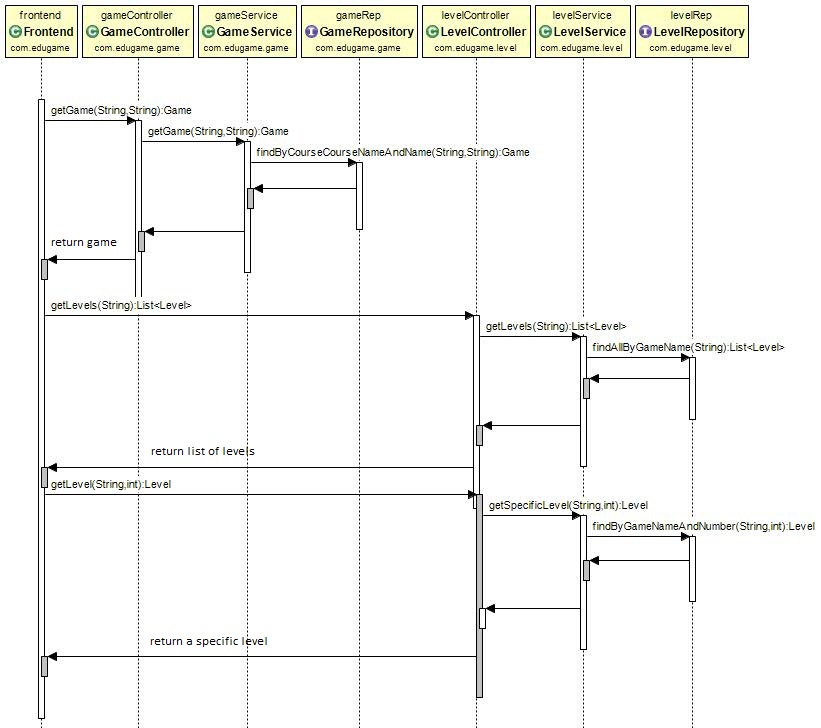
## Register



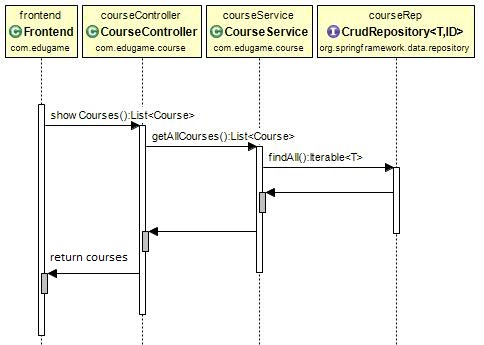
## Login



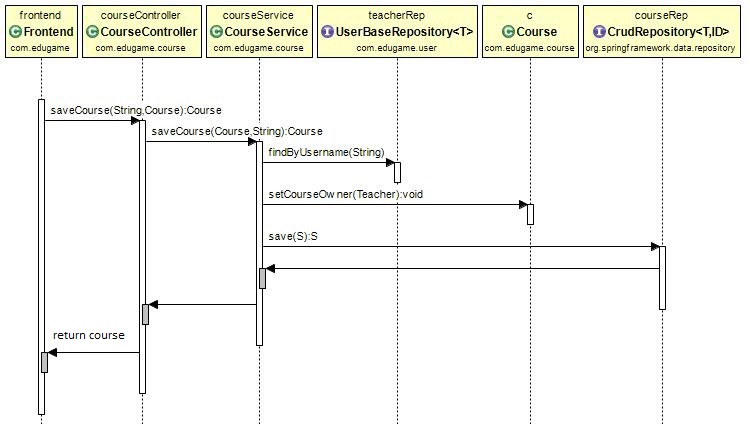
## Play Game



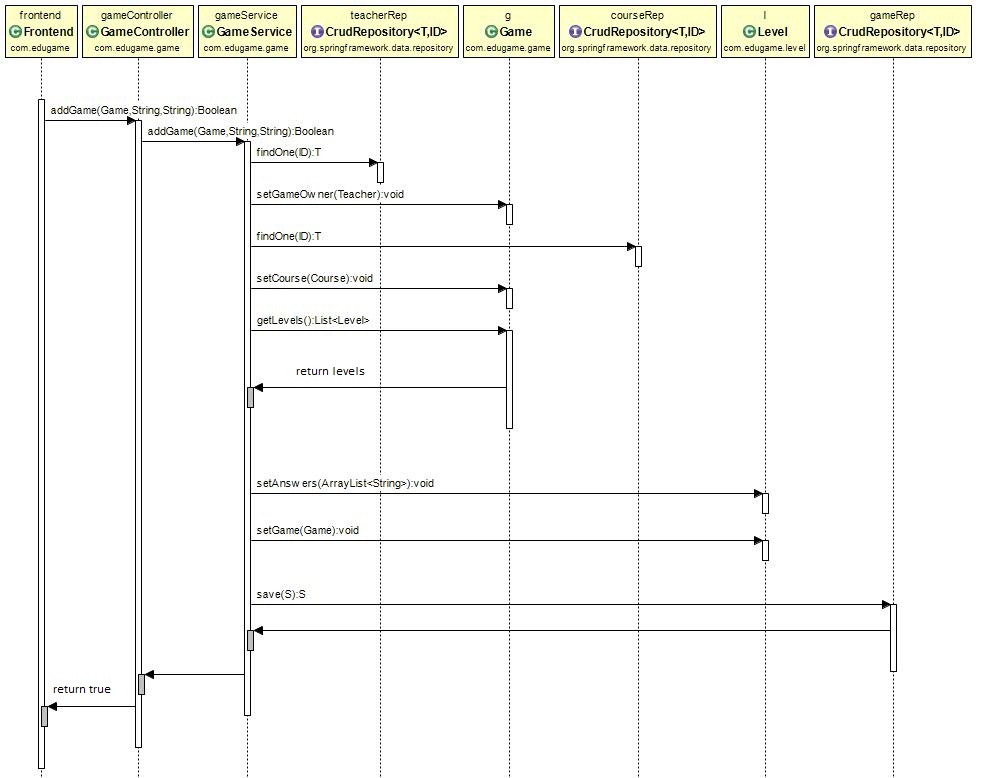
## Show Courses



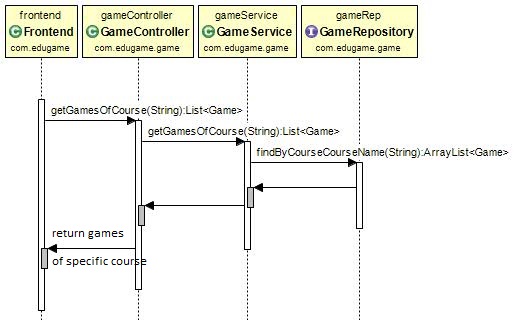
## Create Course



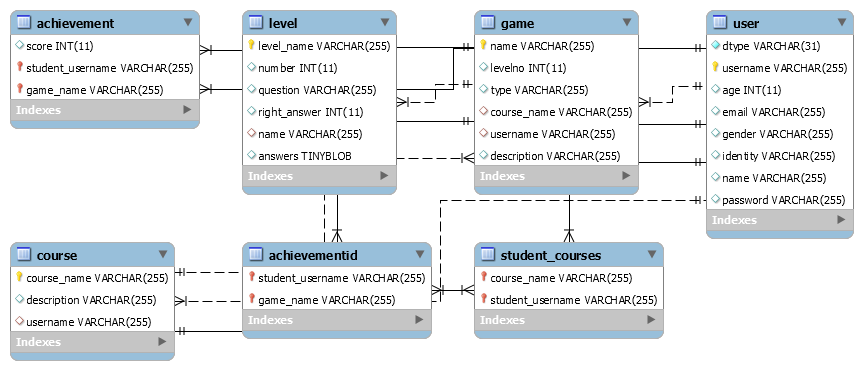
## Create Game



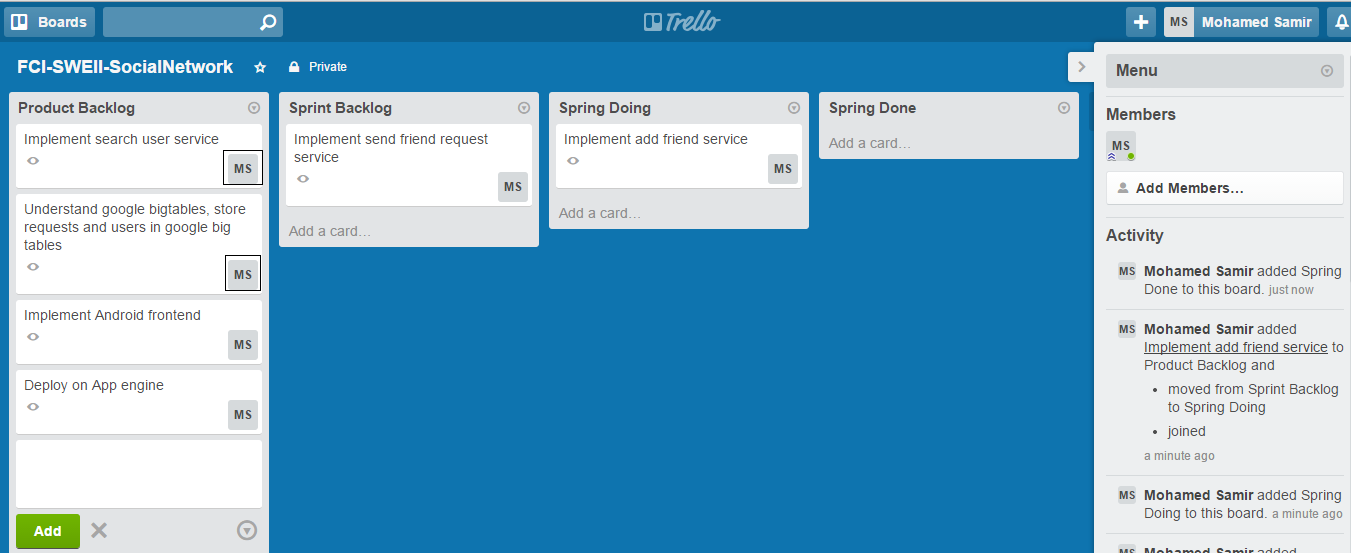
## Show Games in specific course



# Entity Relationship Diagram – ERD



# Trello workspace screenshot

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# Github repository link

***https://github.com/AlaaBadr/SWE2-Project***