Cairo University SEM – team 14

Faculty of Engineering

Computer Engineering Department

CMP 202

***Introduction to database systems***

***Phase 1 report***

***Team number: 14***

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***Games testing website***

**Description:**

This website presents a service of connecting game developing companies with gamers willing to test their games to find glitches or bugs.

The company first releases the game for the gamers to buy it and go on playing. Each gamer who finds a bug can contact the company to check it and have some sort of reward.

There is one admin for each company. Gamers can also stream videos of them playing/ testing the games and comment, like other gamers’ videos.

**List of users:**

* Testing department of games developing company
* Gamers
* Customers

|  |  |
| --- | --- |
| **Users** | **Functionality** |
| * Admin | * + Add a game   + Update game details.   + Update company profile.   + Check rating of a game.   + Contact gamers who find bugs/ glitches. |
| * Gamers | * + Add videos.   + Check likes.   + Read comments.   + Write comments to games.   + Contact a company. |
| * Customers | * + Watch videos   + Add likes   + Rate games |

**List of entities:**

* + - Gamers
    - Companies
    - Game categories
    - Games
    - Admin
    - Comments (customers & gamer)
    - Customers
    - Videos
    - Emails (gamers & companies)
    - Likes
    - Reviews (customers )

***Course Center Website***

**Description:**

This website presents services of a courses center, this center has many branches, in each branch there is professors, students and employees.

There is one admin for all branches, center also can allow to his professors to book a room for some hours, student can enroll in many courses and contact with the center.

**List of users:**

* Admin
* Employees
* Professors
* Students

|  |  |
| --- | --- |
| **Users** | **Functionality** |
| * Admin | * + Verify adding courses.   + Accept students   + Accept professors   + Add employees   + Add room   + Update room data   + View statistics of website |
| * Professor | * + Add course   + Contact center   + Book a room   + View courses |
| * Student | * + Enroll to course   + Add comment at a course   + Contact center   + View courses |
| * Employee | * + Manage time table of rooms   + View room data   + Update room data   + Add new student |

**List of entities:**

* + - Students
    - Professors
    - Admin
    - Employees
    - Courses
    - Time table
    - Rooms
    - Branches
    - Comments
    - Address \_Code
    - Student\_Course
    - Contact