|  |  |  |
| --- | --- | --- |
| **Cairo University**  **Faculty of Engineering** |  | **Course Name: Software Engineering**  **Course Code: CMPN203** |

Final Assessment

* **Submitted to: Dr: Ahmed Kaseb**
* **Eng: Youssef Ghatas**
* **Ahmad Osama 1170504**

<6-6-2020>

**Final Assessment Report: Applied Project**

**Date: 6**th Saturday of June 2020

**Name**: Ahmed Osama  **ID**: 1170504

**Role:** Back-End Member

Accomplishments:

* Upgrade to premium with email verification module.
* Become an artist with email verification module.
* Retrieve activity log module.
* Get notifications module.
* Finished unit testing with test coverage (100%).
* Refactored the code to (Router- Controller- Services) pattern.
* Finished API Documentation.
* Finished Functional documentation.

Tools:

* Node JS/ Express JS.
* Nodemailer package.
* Mongoose package.
* Postman.
* MongoDB.
* Robo Mongo.
* VS Code.

Problems:

* Refactoring the code in the required design pattern was a problem that faced me, but solved it by searching online, and found a solution at the following link:

<https://nodejspedia.com/en/tutorial/10785/route-controller-service-structure-for-expressjs>

It also helped me solving the problem of callback hell.