

---

## Coding Bootcamp

### Group Project – Team

---

#### Definition

You need to form teams of 3 people.

You will need to define one member as the Team Coordinator and the rest of the members as: Front End Developer and/or Back End Developer and/or Database Developer.

The requirements are as follows:

1. The application you need to build is a web app that gives the ability to users to register and login **[10 marks]**
2. Your web application needs to be able to connect with a database either locally or remotely **[10 marks]**
3. Your application must implement at least two roles **[20 marks]**
4. Each role must have different tasks and views within the application **[10 marks]**
5. The application must have the option to produce reporting views with (custom) filters **[10 marks]**
6. The application must have a module that permits internal communication between internal entities which could be (implement at least one of the following): **[20 marks]**
  - a. Real time communication and/or
  - b. REST API
7. The application must support an e-payment process that: **[20 marks]**
  - a. Gives access to read some restricted material e.g. e-book or
  - b. Buy some goods, e.g. purchase a digital object

You will **submit your project** via the Teams application **by 16/09/2020** at the latest.

In case the submitted zip file is big you can send a WeTransfer link or upload it to your OneDrive via portal.office.com and share the link.

**All the members of your team need to submit the same project.**

**By Wednesday 8/07/2020, 18:00** you need to send via email to [academic@peoplecert.org](mailto:academic@peoplecert.org) the layout of your teams using the following form.

| Name | Team Coordinator | Front End Developer | Back End Developer | Database Developer |
|------|------------------|---------------------|--------------------|--------------------|
| 1.   |                  |                     |                    |                    |
| 2.   |                  |                     |                    |                    |
| 3.   |                  |                     |                    |                    |