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## Coding Bootcamp

### Group Project – Team

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#### Definition

You need to form teams of 2 - 3 people.

You will need to define for each member of your team as a coordinator to one of these positions: Front End Developer, Back End Developer, Database Developer.

You also need to designate a Team Coordinator.

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 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 to your instructor **by 12/04/2021** at 18:00 the latest.

**By Friday 26/02/2021** you need to send via email to [george.pasparakis@peoplecert.org](mailto:george.pasparakis@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.   |                  |                     |                    |                    |
| 4.   |                  |                     |                    |                    |