**Developing Applications (CSI\_5\_APD)**

**Assignment Scenario: Private Tuition - MasterClasses**

The scenario includes the information and the level of detail that is expected from the initial stage of the requirement gathering process. For this reason, make any assumptions deemed necessary to make the system under study more complete. This would mean filling the gaps rather than adding more requirements.

MasterClasses is a private company offering a range of master classes. They require a web application, which will allow potential tutor and customer registrations. Customers will be able to book sessions online.

Casual visitors are only able to read the provided information on the site. They are able to view all the master classes topics available. Information about the day/time for each class should be provided along with the suggested pre-requisite knowledge/skills. In addition, the information about the tutors should be accessible to casual visitors. They should be able to register or to apply to become tutors. Anyone who would like to register as a tutor needs to fill in and submit an application form. They will receive a response and be either accepted or rejected by the manager. Registered users should be able to do everything that casual visitors can do plus book sessions and make required payments through the application.

Tutors should be able to create their own profile. This would be available to all the users to view. This ensures confidence in their teaching abilities/skills. Once their class is booked they need to create teaching material/content for the class. The students will have access to these.

The managers are responsible for writing and maintaining general information about the service they provide. They create topics for the classes they run and write a brief overview of each, assign a lecturer to each and timings.

The managers also need to view reports related to the booked classes. The payments will be processed through the application, but by the third party company. The payments will go to the company and the manager will calculate the amount that the tutors need to receive through the app. The management would like to collect the customers’ reviews to check if there are any issues with the classes.

The owners need to know which classes are popular in order to devise and plan their future strategies. They are also interested in financial reports.