

**Edexcel GCE**

**Applied Information and  
Communication Technology**  
**Unit 7: Using Database Software**

May 2013  
**Scenario**

Paper Reference  
**6957/01**

The scenario should be distributed to candidates at least three working weeks before the examination.  
Note: There are **no** practice files for this examination.

This scenario should be used for the purposes of preparing candidates for the examination. This copy **must not** be taken into the examination. The information contained in the scenario will be included in the examination paper.

Further details are in the Instructions of the Conduct of Examinations (ICE), available from the Edexcel website for this qualification.

**Edexcel will not accept any request for special consideration should candidates be given the incorrect scenario for the examination they are sitting.**

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## Scenario

### Wallsherpool Sixth Form College – Boot Camp

Wallsherpool Sixth Form College is located in the North East of England and offers students a range of A Level courses.

Enrichment activities take place on a Wednesday afternoon. One of these is a boot camp, where students undertake fitness training. Mr McGarry, a PE teacher, runs the boot camp.

Fitness testing takes place once a month. Students complete the same exercises each month. Some exercises test the number of repetitions a student can manage in 60 seconds, whilst others test the number of seconds for which a position can be maintained.

Mr McGarry currently maintains paper-based records of testing, so that students can see how their fitness levels are progressing. He knows you are studying ICT and thinks you could develop a more efficient IT-based solution to record and analyse the fitness records. In the first instance it has been agreed that you will design and build a **prototype** relational database system that will focus on four tasks. The final system will be based on your evaluation of the prototype and your recommendations for further functionality.

These are the tasks.

#### 1 Adding New Students, which involves:

- ensuring their name and date of birth are present
- the generation of a unique StudentID: a mixture of letters from their name and ending with a sequential four digit number
- storing the student details if all requirements are met
- providing a suitable message for Mr McGarry, so that he knows what is happening.

#### 2 Adding a Monthly Fitness Test, which involves the generation of:

- a unique identification key
- the month of the test
- a new record for each exercise, for each student, in readiness for their fitness test results.

#### 3 Recording Fitness Test Results, which involves:

- adding a student's fitness test results for each exercise.

#### 4 Printing Records for Identified Students – Mr McGarry needs to be able to select students and print records showing their best and worst result for each exercise.

The printout will need to be clear and easy to read.