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| **Module code:**  **Component number:** | **CS5002**  **003** |
| **Module title:** | **Software Engineering** |
| **Module leader:** | **Ramzi Djemai** |

**Section C**

**SEEN CASE STUDY DESCRIPTION**

Bloomscape Designs is a gardening company that has seen rapid business growth and now requires a new computerised records system to manage information about the gardening classes they offer as well as member registrations.

Bloomscape Designs has three sections (i.e., Grow Veg Section, Topiary Section and Flowering Plants Section), and it runs only classes in all three departments. Currently, all classes are run in a single site in Richmond. Members participating in classes take exams to assess progress made and standards achieved.

* *Administrative staff and members will need online facilities to deal with the following events:*

A member enrols on a gardening class by filling in an online enrolment form with associated online payment of fees. He/she may enrol for one or more gardening classes simultaneously.

If the member is new to Bloomscape Designs Company (i.e., if he/she has not enrolled before), then his/her personal information must be recorded in the system when enrolling for a gardening class. Otherwise, the name or ID number will be used to find the member’s existing record, and all new enrolments will be added to the member’s profile.

Administrative staff are also responsible for awarding certificates to the members upon successful completion of a particular class.

A member may *change his/her address.*

A member may *withdraw.*

* *Each Section’s Secretary will need online facilities to deal with the following events:*

From time to time, a Section may *offer a new gardening class, change fees, or close a class.*

* *Gardening Instructors will need online facilities to produce the following:*

When members take exams, instructors will mark their performance and record the score.

* *Managers will need online facilities to produce the following:*

A weekly report showing how many members have been registered in each Section of the Company