CS4013 Final Project   UL Records System   System Requirements
Classes

Student

Attributes: Student ID, Name, Programme, Year of Study, Email, Date of Birth, Address, Contact no., Emergency no., Admission Date

Methods: viewTranscript, enrollInModule, repeatModule, viewPersonalDetails, changePersonalDetails

Faculty

Attributes: Faculty ID, Name, Department, List of Modules taught, Email, Contact no., Emergency no., Office location, Office hours, Date of Birth

Methods: submitResults, viewTranscript, viewTeachingSchedule, viewPersonalDetails, changePersonalDetails

Department

Attributes: Department code, Name of Department, Head of Department, List of Faculty, List of Programme, List of Modules

Methods: addFacultyMember, viewFacultyMember, viewProgrammes, viewModules, viewDepartmentDetails, holdExamBoard, reviewStudentProgress

Program

Attributes: Program code, Title, Type, Duration, List of Required Modules, List of Elected Modules, List of Students, List of Faculty

Methods: viewProgramDetails, enrollStudents, viewEnrolledStudents, viewModules, editDetails

Module

Attributes: Modules code, Module title, Module credits, Departments, Instructor, TA's, List of Enrolled Students

Methods: submitResults, viewResults, viewEnrolledResults, calculateQCA, moduleDetails

Transcript

Attributes: Student ID, Overall QCA

Methods: calculateOverallQCA, viewTranscriptDetails

Permissions

Student	Faculty	Department
All methods from student class	All methods from faculty class	All methods from department class
	If faculty ID == associated ID within a module class then they can view methods from module class	If department code == associated code within a program class then they can view methods from program class