

Demo sheet, Databases VT2016

Date:

Fire group number:

Before demonstrating, ensure that the data you have put into your system can handle all of the following test cases. Please prepare before you ask us to check your application, so that running through these cases will be smooth. Fill in the ids (student identifiers and course codes) that you will use in the demonstration in the table below. When demonstrating your application it is useful if you also have psql or PostgreSQL Studio running, so that you can show the state of your tables and views.

	Student	Course
Listing information		
List information for a student who does not fulfil the requirements for graduation.	8204232134	
List information for a student who fulfils the requirements for graduation.	8604232234	
Registering and unregistering from courses		
Register a student for an unrestricted course, and show that they end up registered.	8604232234	TDA357
Register the same student for the same course again, and show that the student gets an error message.	8604232234	TDA357
Unregister the student from the course.	8604232234	TDA357
Unregister the student again from the same course and show that it doesn't crash your program.	8604232234	TDA357
Register a student for a course that they don't have the prerequisites for, and show that the registration doesn't go through.	9712127384	MUE043
Restricted courses		
<i>Before demonstrating, set up a restricted course with at least two students in the queue.</i>		
Unregister a registered student from this course. Show that the first student from the queue ended up as registered.	Unregister: 8204042134 Person to be registered 8204232134	MEM590
Register the unregistered student again. Show that they end up last in the queue.	8204042134	MEM590
Unregister this student again. Show that the student was removed from the queue, that no student was registered on the course as a result of this, and that the queue otherwise stays as before.	8204042134 Should stay as registered. 8204232134	MEM590
Overfull courses		
<i>Before demonstrating, set up an overfull restricted course (i.e. one with more students registered than there are places on the course) in the database directly, and with no students on the waiting list.</i>		
Attempt to register a student for the overfull course. Show that this student is placed on the waiting list.	4806035598	SEM245
Unregister a student from the overfull course. Show that no student is moved from the queue to being registered as a result.	9712127384	SEM245