**CONSTRAINTS**

Titles

titleID INTEGER,

titleString CHAR(60) UNIQUE NOT NULL,

PRIMARY KEY(titleID),

CHECK(titleID > 0 AND titleID <5)

Student

studentID INTEGER,

titleID INTEGER NOT NULL,

foreName CHAR(60) NOT NULL,

familyName CHAR(60),

dateOfBirth DATE NOT NULL,

PRIMARY KEY(studentID),

FOREIGN KEY(titleID) REFERENCES Titles(titleID) ON DELETE RESTRICT ON UPDATE RESTRICT,

CHECK(studentID > 0 AND titleID > 0 AND titleID < 5)

Lecturer

lecturerID INTEGER,

titleID INTEGER NOT NULL,

foreName CHAR(60) NOT NULL,

familyName CHAR(60),

PRIMARY KEY(lecturerID),

FOREIGN KEY (titleID) REFERENCES Titles(titleID) ON DELETE RESTRICT ON UPDATE RESTRICT,

CHECK(lecturerID > 0 AND titleID > 0 AND titleID <5)

RegistrationType

registrationTypeID INTEGER,

description CHAR(60) UNIQUE NOT NULL,

PRIMARY KEY(registrationTypeID),

CHECK(registrationTypeID > 1 AND registrationTypeID < 3)

StudentRegistration

studentID INTEGER UNIQUE NOT NULL,

yearOfStudy INTEGER NOT NULL,

registrationTypeID INTEGER NOT NULL,

FOREIGN KEY(studentID) REFERENCES Student(studentID) ON DELETE CASCADE ON UPDATE CASCADE,

FOREIGN KEY (registrationTypeID) REFERENCES RegistrationType(registrationTypeID) ON DELETE RESTRICT ON UPDATE RESTRICT,

CHECK(studentID > 0 AND yearOfStudy > 1 AND yearOfStudy < 5 AND registrationTypeID > 1 AND registrationTypeID <3)

StudentContact

studentID INTEGER UNIQUE NOT NULL,

eMailAddress CHAR(60) UNIQUE NOT NULL,

postalAddress CHAR(60) NOT NULL,

KEY(studentID) REFERENCES Student(studentID) ON DELETE CASCADE ON UPDATE CASCADE,

CHECK(studentID > 0 AND eMailAddress LIKE '\_%@\_%')

NextOfKinContact

studentID INTEGER UNIQUE NOT NULL,

name CHAR(60) NOT NULL,

eMailAddress CHAR(60) NOT NULL,

postalAddress CHAR(60) NOT NULL,

FOREIGN KEY (studentID) REFERENCES Student(studentID) ON DELETE CASCADE ON UPDATE CASCADE,

CHECK(studentID > 0 AND eMailAddress LIKE '\_%@\_%')

LecturerContact

lecturerID INTEGER UNIQUE NOT NULL,

office CHAR(10) NOT NULL,

eMailAddress CHAR(60) UNIQUE NOT NULL,

FOREIGN KEY (lecturerID) REFERENCES Lecturer(lecturerID) ON DELETE CASCADE ON UPDATE CASCADE,

CHECK(lecturerID > 0 AND eMailAddress LIKE '\_%@\_%')

Tutor

studentID INTEGER UNIQUE NOT NULL,

lecturerID INTEGER NOT NULL,

FOREIGN KEY (studentID) REFERENCES Student(studentID) ON DELETE CASCADE ON UPDATE CASCADE,

FOREIGN KEY (lecturerID) REFERENCES Lecturer(lecturerID) ON DELETE CASCADE ON UPDATE CASCADE,

CHECK(studentID > 0 AND lecturerID > 0)

Things that were considered but not implemented:

* Date of birth constraints
* Stricter email constraint