Revision History

Date	Version	Change	Author
02/26/2013	1.0	Initial Draft	James Grisdale

Description

CurrentCoursesHandler creates the courses/offerings/offering_times tables and allows for courses and offerings to be inserted. The courses table holds the current courses that a student has added to their list. Offerings holds the different offerings for a specified course that were added (lectures, labs, seminars, etc). The offering_times table will hold the different times and days that each offering is being offered.

Global Variables

- **int KEY_ID;**
  - holds the course id
- **String KEY_SUBJ;**
  - holds the course subject name
- **String KEY_CODE;**
  - holds the course subject code
- **String KEY_TYPE;**
  - holds class type (seminar, lab, lecture, tutorial)
- **String KEY_DESC;**
  - holds the description of the course
- **String KEY_DUR;**
  - holds the course duration
- **String KEY_DAY;**
  - holds the day of the week an offering is held
- **String KEY_TIMES;**
  - holds the starting time of the offering

- **String KEY_TIMEE;**
  - holds the end time of the offering
- **String KEY_LOCATION;**
  - holds the location of the course
- **String KEY_INSTRUCTOR;**
  - holds the name of the instructor of the course

Constructors

- **public CurrentCoursesHandler(Context context);**
  - Creates a helper object to create, open, and manage the database.

Methods

- **public void onCreate(SQLiteDatabase db);**
  - if the tables do not exist in the database they are created.
- **public void onUpgrade(SQLiteDatabase db, int oldVersion, int newVersion);**
  - drops older tables and re-creates the tables.
- **public addCourse(Course course);**
  - inserts course information into the courses table.
- **public deleteCourse(Course course);**
  - Removes course information from all related tables.
- **public updateCourse(Course course);**
  - Updates the course information in the tables from the course object.
- **public addOffering(Course course);**
  - adds information to the offerings table related to the course information passed.
- **public updateOffering(Course course);**
  - updates offering information for the given course.
- **public addTimes(CourseClass offering);**
  - Add the times/locations of the course.
- **Public deleteTimes(CourseClass offering);**
  - Delete times for an offering passed.
- **Public updateTimes(CourseClass offering);**

Class Responsibility Collaboration Card

Responsibilities	Collaborators
Direct control of the courses/offerings/offering_times in the database	CourseHandler
	Course

Class Design Sign-off

Name	Approval Status
Matthew Menonkariyll	
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