

Brock Butler Class Design Document

CD–UI08-Task Class

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Version: 1.0

Revision History

Date	Version	Change	Author
02/28/13	1.0	Initial Draft	Vince Pascuzzi

Description

Stores information pertaining to a task or “to-do” that a student has added to the Scheduler. Only public class variables are used for ease-of-use.

Class Variables

- **int mId;**
 - Unique identifier for a task.
- **String mTitle;**
 - Task title.
- **int mPriority;**
 - Task priority; possible values:
 - TASK_PRIORITY_HIGH (0x0001)
 - TASK_PRIORITY_NORMAL (0x0002)
 - TASK_PRIORITY_LOW (0x0003)
 - TASK_PRIORITY_NONE (0x0004)
- **Course mCourse;**
 - Course associated with the task.
- **String mCreationDate;**
 - Date that the task was created.
- **String mDueDate;**
 - Date that the task is to be completed.
- **boolean mIsPastDue;**
 - true if task has not been completed by due date, false otherwise.
- **Contact mContacts [];**
 - Array of contacts that are involved with the Task

Constructors

- **Task();**
 - Default constructor.
- **Task(int id, boolean pastDue, int priority, String title, String desc, String course, String createDate, String dueDate, Contact contacts[]);**
 - Constructs a Task with values provided by new Task creation.

Methods

- **boolean isPastDueDate();**
 - Compares mDueDate with current day and determines if it is past due or not.

Class Design Sign-off

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