

## Brock Butler Class Design Document

### CD-COURSE09 Task

Date Modified: 02/26/2013

Version: 1.0

#### Revision History

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

#### Description

Task is an object to hold tasks associated with a particular course.

#### Global Variables

- **int mId;**
  - holds and id value for the task
- **boolean misPastDue;**
  - check if task is past due
- **float mMark;**
  - the value that was obtained on the task
- **Float mWeight;**
  - How much the task is worth overall
- **String mTitle;**
  - Title of the task
- **String mDescription;**
  - Description of the task
- **String mCourse;**
  - The course the task is associated with
- **String mCreationDate;**
  - The date the task was added
- **String mDueDate;**
  - When the task is due
- **ArrayList<Contact> mContacts;**
  - list of contacts associated with the given task

- **Int mPriority;**
  - Priority level of the task

### **Methods**

- **Boolean isPastDueDate();**
  - Checks if the current date is past the due date to determine if the task is past the due date or not

### **Class Responsibility Collaboration Card**

| <b>Responsibilities</b>               | <b>Collaborators</b> |
|---------------------------------------|----------------------|
| Holds information for a specific Task | Course               |
| Calculates if the task is past due    | Contacts             |
|                                       |                      |
|                                       |                      |
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|                                       |                      |
|                                       |                      |

### **Class Design Sign-off**

| <b>Name</b>          | <b>Approval Status</b> |
|----------------------|------------------------|
| Matthew Menonkariyll |                        |
| James Grisdale       |                        |
| Taras Mychaskiw      |                        |