**Database Design – Course Content / Assignment**

*Note:* Lists of course content are located as a sub-collection of a Course.

**Common Data Fields:**

|  |  |  |
| --- | --- | --- |
| *Field name* | *Type* | *Description* |
| id | String | The course content’s unique ID |
| title | String | The course content’s title |
| description | String | The course content’s description |
| content | String | The course content’s main content (text, a link, or a file)  - If text, it contains the entire text content  - If link, it contains the link URL  - If file, it contains the path to the content file |
| type | Integer | The course content’s type, one of the following:  - 0: text  - 1: link  - 2: file |
| is\_assignment | Boolean | Whether the course content is an assignment or not |

**Assignment-Specific Data Fields:**

|  |  |  |
| --- | --- | --- |
| *Field name* | *Type* | *Description* |
| deadline | Timestamp | The specific deadline when the assignment is due |
| submissions | Map[] | A list of submissions to the assignment, in this format:  - student: Map (The student ID the submission is from)  - submission: String (The path to the submission file)  - grade: Integer (The grade on the assignment) |