

This document contains the descriptions of the data model as well as the forms and the reports used by the Quick To Do App created for a workshop on the standard-ish app structure of Micromedia at Vanier.

Data Model

The To Do app uses two tables stored in the database HugoTMP on www.micromediaweb.com.

| HLCTodoItem | |
|-------------|-----------------|
| ID | int [KEY] |
| Description | varchar(255) |
| User | HLCTodoUsers.ID |
| Timestamp | Timestamp |
| Completed | bit(1) |

| HLCTodoUsers | |
|--------------|-------------|
| ID | int [KEY] |
| Username | varchar(20) |
| Password | varchar(20) |

Queries

LOGIN (form)

SELECT **ID, Username** FROM HLCTodoUsers WHERE **Username** = ? AND **Password** = ?

Test provided **Password** with **HLCTodoUsers.Password**

If true > Return LIST OF ITEMS

Else > null [for the moment]

LIST OF ITEMS (report)

SELECT **ID, Description, User** FROM HLCTodoItem
WHERE **Completed** = b'0' AND **User** = ? ORDER BY **Timestamp**

ADD AN ITEM (form)

INSERT INTO HLCTodoItem (**User, Description**) VALUES (?,?)

Return LIST OF ITEMS

MARK ITEM AS COMPLETED (form)

UPDATE HLCTodoItem SET **Completed** = 1 WHERE ID = ?

Return LIST OF ITEMS