

Create a to-do list web application that allow the user of the application to create, edit and delete a to-do list. A to-do item consists of category, to-do description, status and date and time the item is added.

Create a database (todo.db) using SQLBrowser.

Create 2 tables:

- a) Category
  - i. ID (int, auto-increment, primary key)
  - ii. Name(text)Fill in a few categories which you would like to categorize the to-do item.
- b) Todo
  - a. ID (int, auto-increment, primary key)
  - b. Category(int) – Category.ID (NOT NULL)
  - c. Description(text) (NOT NULL)
  - d. Image (text) -contains the path of the image. (NULL)
  - e. Status(text) – Pending, Completed (NOT NULL)
  - f. AddOn(datetime) - NOT NULL

The web application will have the following pages:

- a) A page to display a table that contains the listing of to-do items that the user has created. The table should have the following headers: Category, Description, Status, Addon. If there are no item, display the text “No item” in the table.
  - i. Description column will display the image and the description.
  - ii. Addon – display the date and time
  - iii. Each item in the list will have the following:
    - Edit link – redirect the user to the edit to-do item page (c).
    - Delete link - redirect the user to the delete to-do item page (d).
  - iv. An Add link, under the table of listing, redirect the user to the Add to-do Item page (d).

## TO DO LIST

Category	Description	Status	Added On	Modify
School	<div>Test</div> 	Pending	2020-05-04 11:50:26	<a href="#">Edit</a> <a href="#">Delete</a>

[Add item](#)

- b) A page to add a to-do item.
  - i. The page consists of a form with a dropdown list of categories, a text box for to-do description, a file upload textbox and a button for submission.
  - ii. The dropdown list of categories is drawn from the database. The list of categories is fixed. ( You may add / edit the categories using SQLBrowser.

- iii. A message will be displayed on the page when the insertion is successful or when there is an error in the insertion.
- iv. A link that redirect the user back to the listing page.
- c) A page to edit a to-do item.
  - i. The page consists of a form with a dropdown list of categories, a text box for to-do description, the image added(if any), a file upload textbox and a dropdown list of status and a button for submission.
  - ii. The dropdown list of status can be hardcoded in the template. The values are “Pending” and “Completed”.
  - iii. The fields are pre-populated with the information of the to-do item when the page is loaded.
  - iv. A message will be displayed on the page when the update is successful or when there is an error updating the to-do item.
  - v. A link that redirect the user back to the listing page.
- d) A page to delete a to-do item.
  - i. The page consists of a form that display the to-do item information and a button for submission.
  - ii. A message will be displayed on the page when the delete is successful or when there is an error deleting the to-do item.
  - iii. A link that redirect the user back to the listing page.