

UBFC

UNIVERSITÉ  
BOURGOGNE FRANCHE-COMTÉ



ESIREM

ÉCOLE SUPÉRIEURE D'INGÉNIEURS  
NUMÉRIQUE ET MATÉRIAUX

# Mobile Programming Swift

## Project TP

To do application

**Done by**

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## I. Main files used in this project

- todoCategory: contains a class “todoCategory” which is used in the ViewControllerCategory, this class has 2 attributes name and a list of todo tasks
- ViewControllerCategory: contains a tableview of categories and each category contains a tableview of “todo tasks” with a add button to add new categories and a delete button to delete any category in the tableview.
- addCategoryController: contains 2 main items a field for the user to insert text into and a add button to add this category to the tableview in ViewControllerCategory.
- Todo: contains the Todo class which is used to create objects of type todo tasks containing a name, description, date, and category.
- ViewController: which has a tableview of todo tasks sorted in increasing order of date each task with a switch to determine if it is done or not and a delete button to remove a certain task also there is an add button in the top bar to add new todo tasks
- addController: containing a name field, description field, datepicker, and a add button to let the user add new todo tasks to the selected category.
- taskDetailsController: a viewcontroller that displays the todo task details “name, descriptions, date”

## II. Presentation of the Application GUI

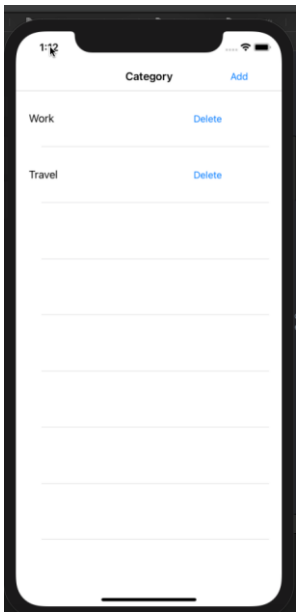


Figure 1-ViewCategoryController

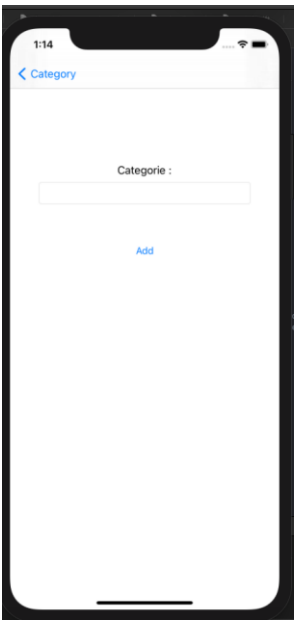


Figure 2-addCategoryController

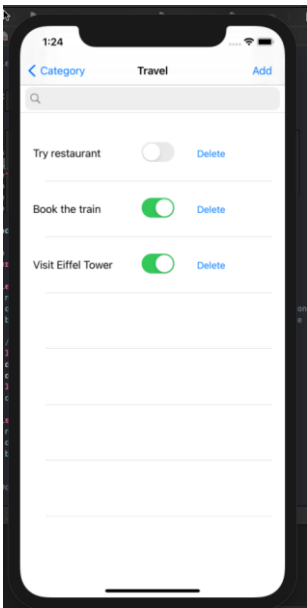


Figure 3-ViewController

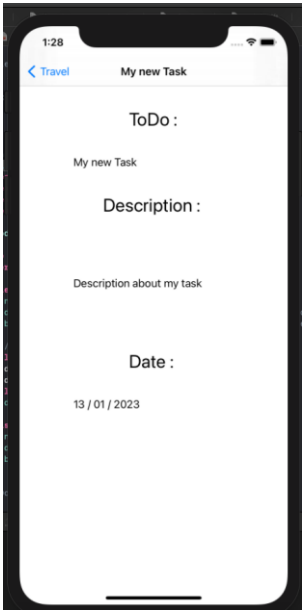


Figure 4-taskDetailsController

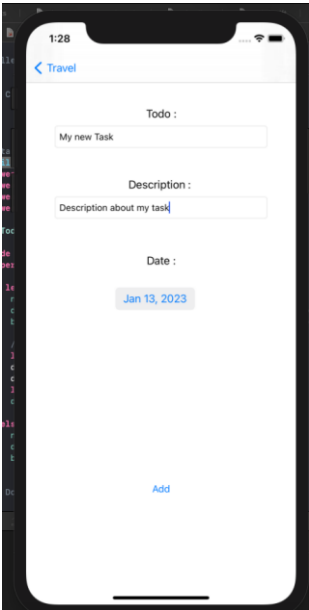


Figure 5-addController