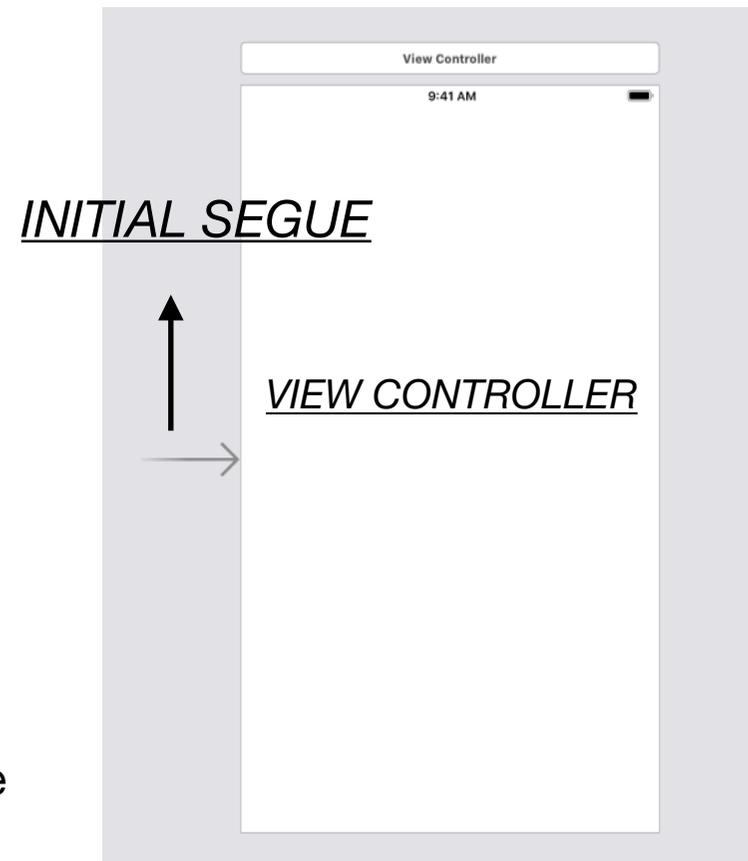


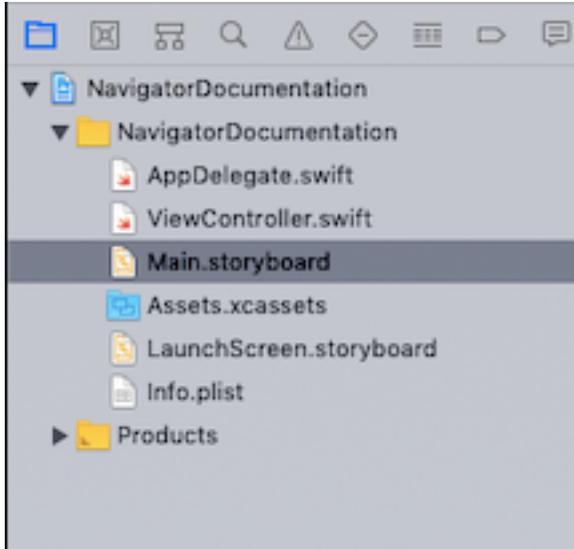
NAVIGATION USING “TAB BAR CONTROLLER”.

- This project is about implementing navigation between view controllers using “**Tab bar controller**”
- **View controller** is basically a display page in user interface which connects the interaction with user and underlying data, delivering its own unique view for every app content.
- When ever we create a new **single view** project a view controller created along with an **initial segue**.
- The **segue** is connection identifier between view controller which defines the flow of the app, an initial segue will be already present in the parent view controller.
- **Project navigator** is the place where the tree of the files created in the projects are available in arrangeable manner.

MAIN STORY BOARD



PROJECT NAVIGATOR

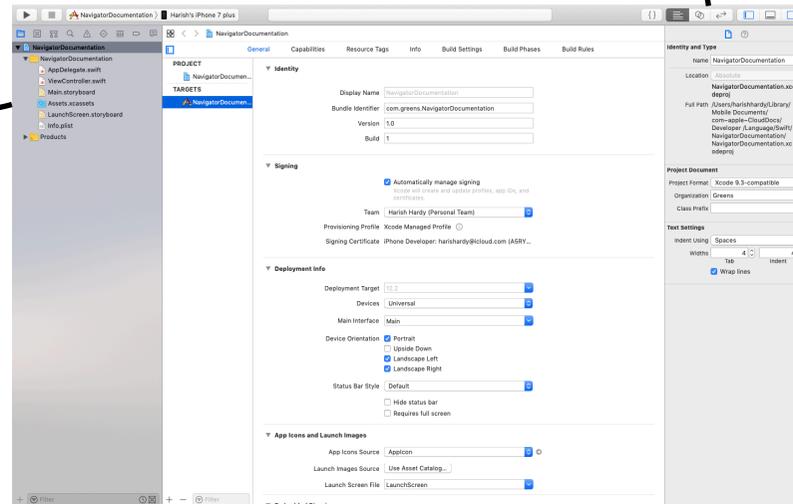
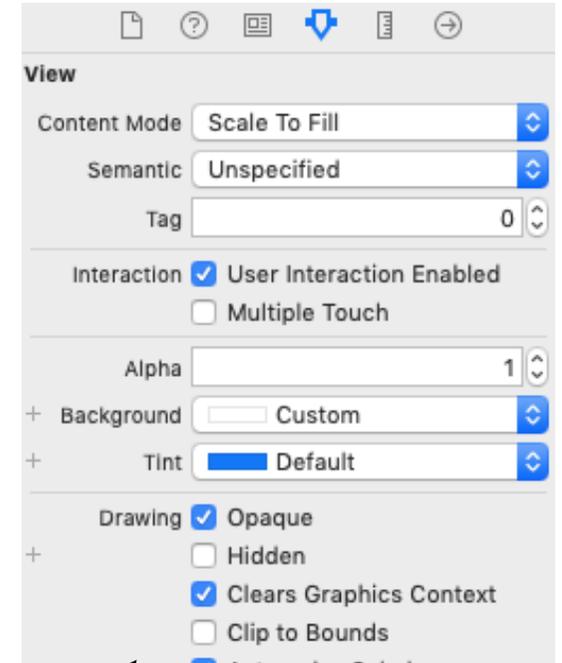


ASSISTANT EDITOR

LIBRARY

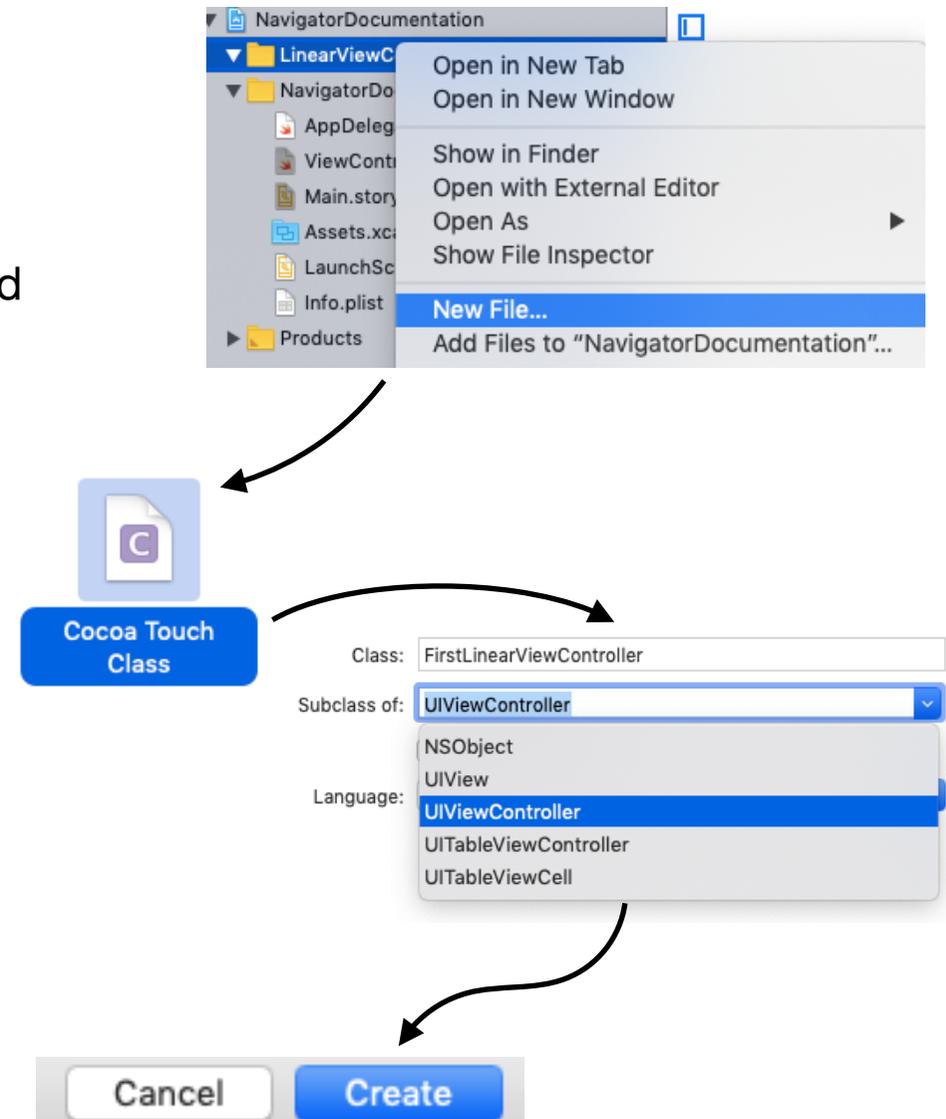


INSPECTORS

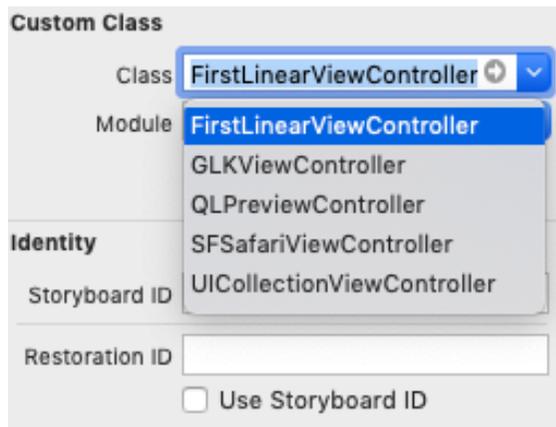
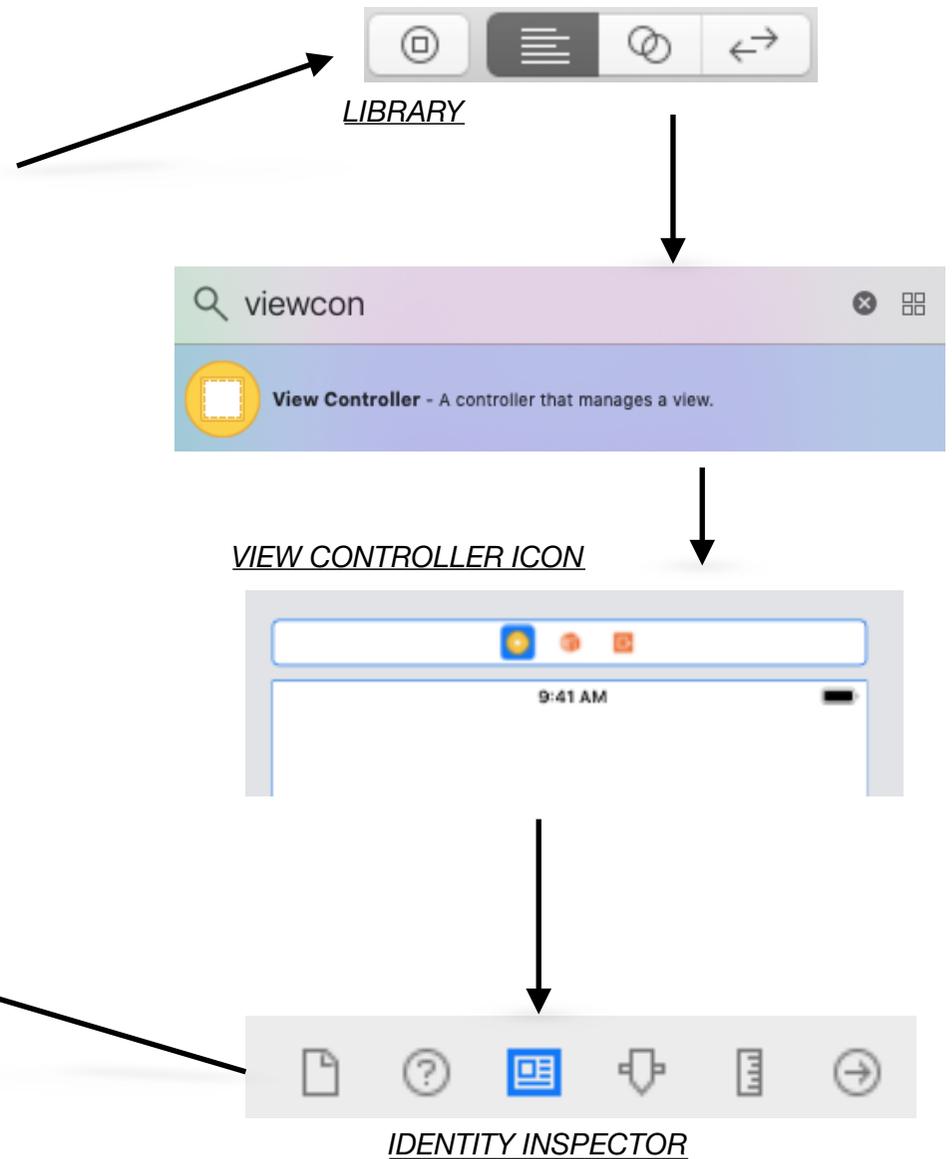


CREATE A NEW VIEW CONTROLLER

- By default a **view controller (parent)** will be already created in main story board.
- A new view controller in main story board should be created along with a corresponding **[ViewController.swift]** file in project navigator.
- Create a **New File** in project navigator.
- Select **cocoa touch** and click ok.
- Create a **class** name for the **view controller**.
- Select sub class of : **UIView controller**.
- Click ok.
- Select the location.
- Click create to create a new **ViewController.swift** file.

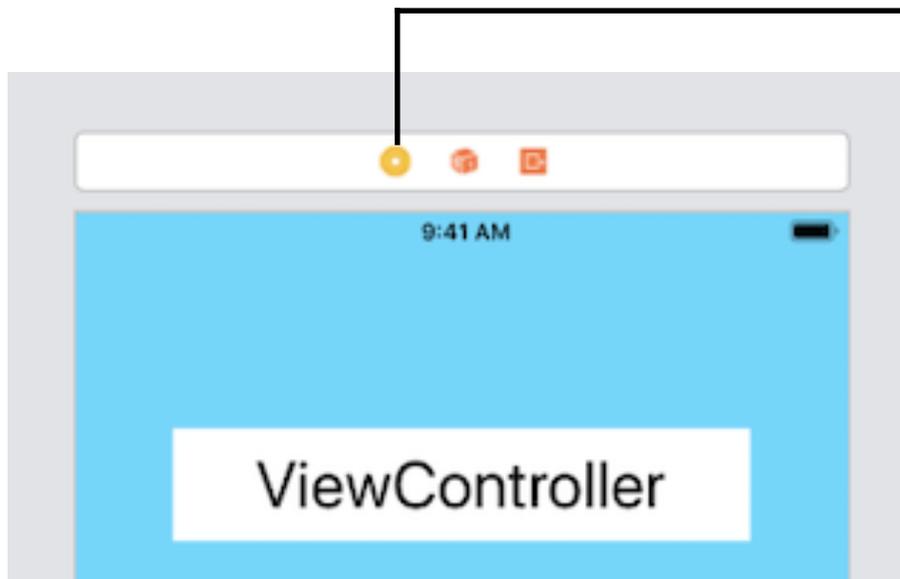


- Now a new ***[view controller.swift]*** file will be created.
- Insert a ***view controller(child)*** from library in main story board.
- Once it is created select the ***view controller icon***.
- Go to ***Inspectors*** side bar (right).
- Select ***identity inspector*** tab.
- Choose the ***view controller name*** in the ***class*** as the ***view controller.swift file*** created corresponding to this ***view controller(child)*** in ***main story board***.

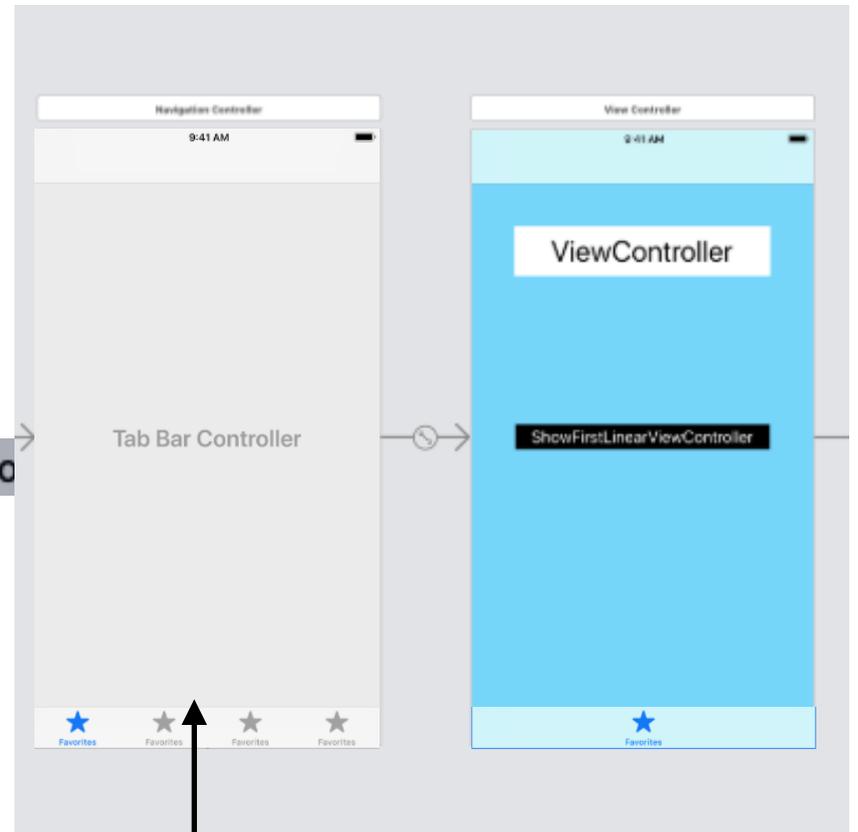
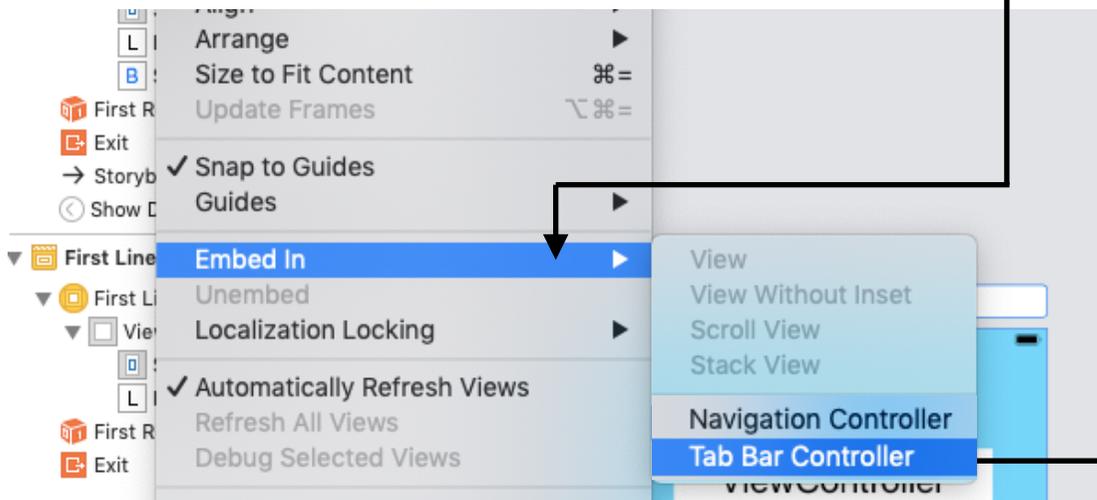


INITIALISE TAB BAR CONTROLLER FOR BACK BUTTON

- Click the ***small view controller icon*** from the ***view controller(parent)*** to which it has to navigate back from ***view controller(child)***.
- Click on "***Editor***" on the top menu bar.
- Click on "***Embed in***" and select "***Tab Bar Controller***".
- A ***Tab Bar controller*** will be created before the ***view controller(parent)*** and the ***initial segue*** will be moved to ***Tab Bar controller***
- Now the ***Home Tab*** will be created in the ***view controller(parent)*** for the ***view controller(parent)*** itself.
- Once ***Tab Bar controller*** is created it can be ***connected*** to other ***view controller(child)*** already present. A tab will be created in the ***tab section*** for ***each connection***.



Apple Xcode File Edit View Find Navigate Editor Pro



TO CREATE THE CONNECTIONS

- Select the **Tab bar controller** created, hold **control** and **primary key** of the mouse simultaneously and drag the **connection** to the corresponding **view controller(child)**.
- From the **pop-up box** select **view controller** under **relationship segue**.
- A **new tab** will be created in the **Tab bar section** of the **Tab Bar controller** indicating the connection to the assigned **view controller**.
- Repeat the same steps in creating a **connection** to the remaining **view controller(child)** from the **Tab Bar controller**.

