

PhotoApp

A Simple Photo App using Swift and MVC pattern

After App launch, you will see a gallery view , "Add" option to upload new photos from device gallery or camera. Users can also delete photos by pressing the Delete button on photos. Details view where the user can full image and its details. There is an option to update a new photo using the Edit option.

Technology and Methodology which used

MVC - MVC stands for Model, View, Controller. It is a structural design pattern that allows for the separation of code into 3 groups .

Swift and Storyboard - implementing functionality and building user interface .

CocoaPods - CocoaPods is a dependency manager .

The Model

Define Data Structure (photo lists and photo info), e.g Update application to reflect added photos

The View

Defines UI, e.g Add button, delete button, Imageview etc

The Controller

Contains control logic, e.g receive update from view then notifies model to add/remove objects/items

Libraries used

Swift

SnapKit

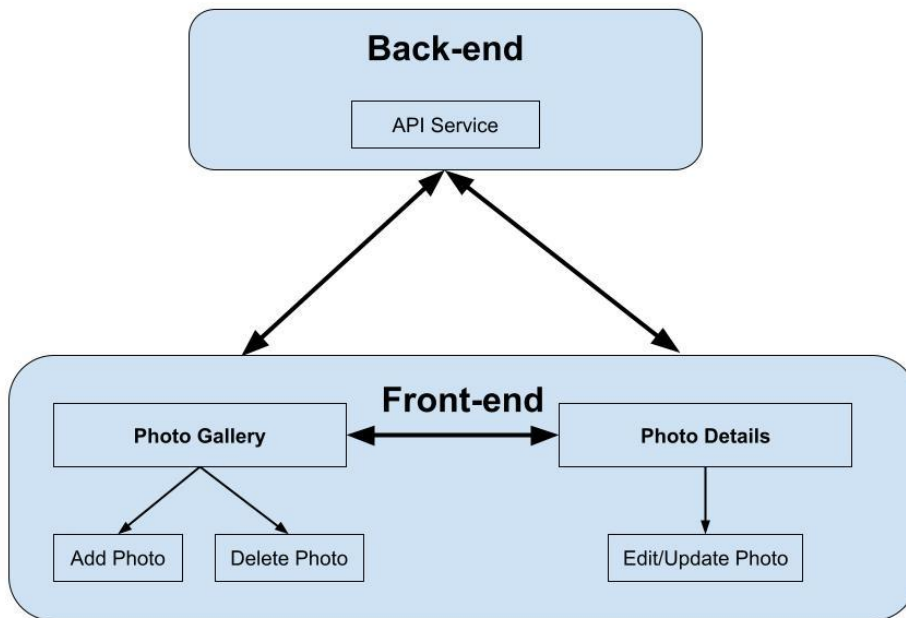
Photos

UIKit

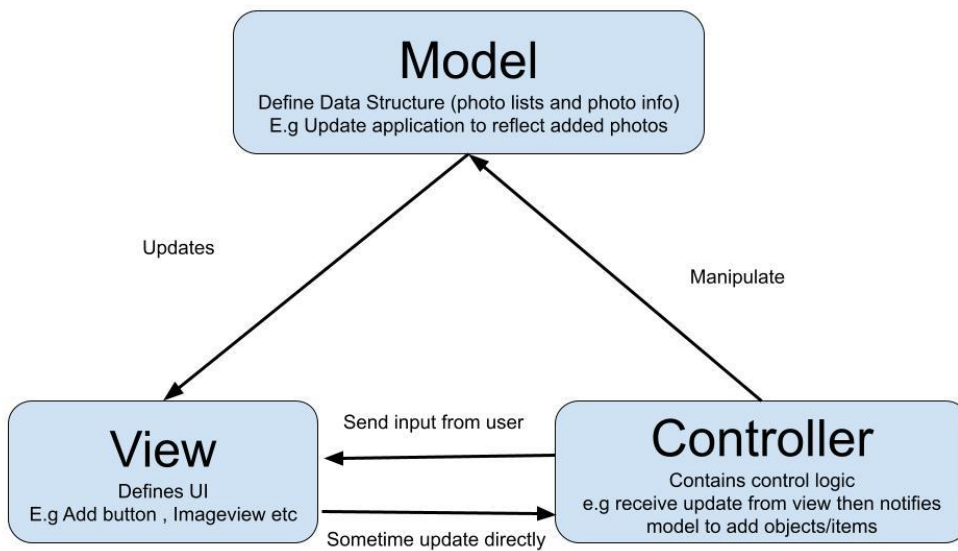
Toast_Swift

Architecture Diagram

Architecture of photo app

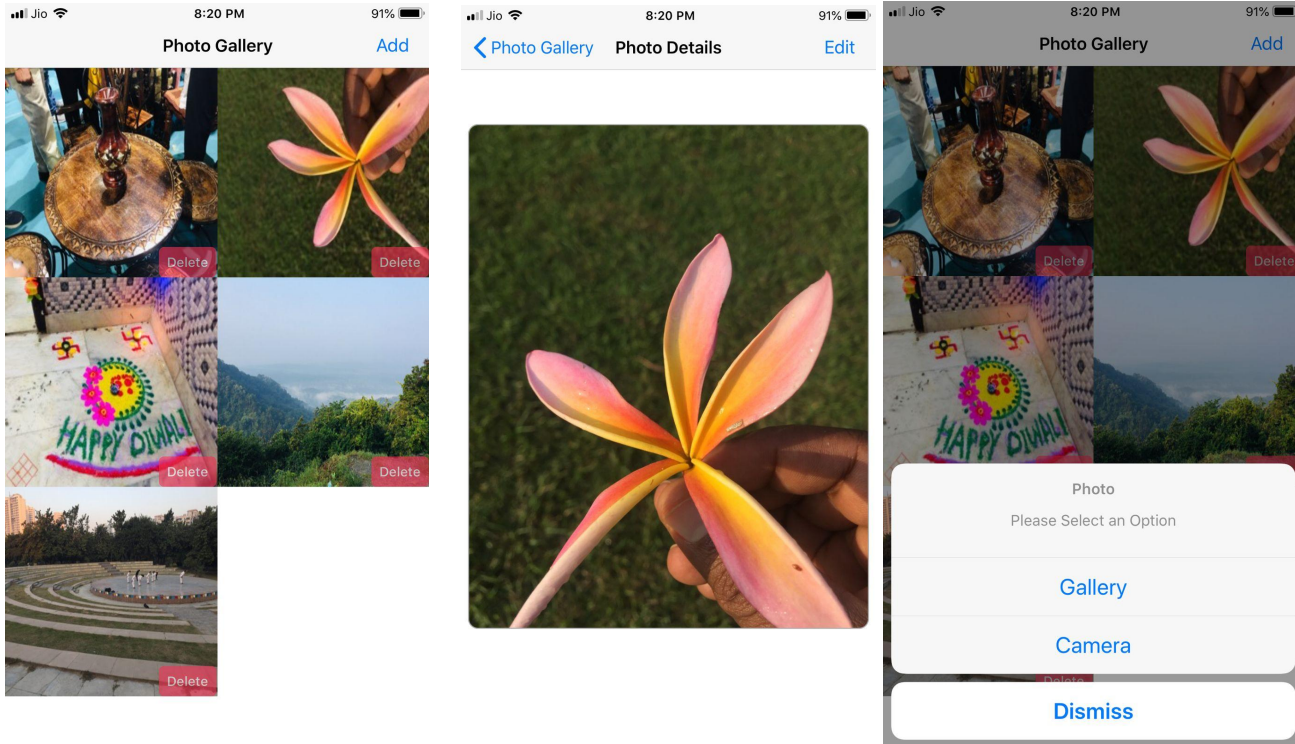


MVC Pattern



App Screens

GalleryView-> DetailsView -> Photo selection



****TODO:****

1. Smooth loading of images without any flickering
2. Capture photo using latest framework AVCam