

Image uploading with cropping and compression

Here i have done image uploading by using default UIImagePickerController() addition to that cropping and compression is done.

Cropping using third party library

Cropping can be done in 2 ways one is default way ,it is given in apple documentation

Here i attach the apple documentation

<https://developer.apple.com/documentation/coregraphics/cgimage/1454683-cropping>

Here Cropping is done using the third party library and we are using TOCropViewController.

By using the cocoa pods we are directly embedding this library and used for cropping the image.

System Requirements

iOS 8.0 or above

Objective c :

Add the following to your podfile :

```
pod 'TOCropViewController'
```

Swift :

```
pod 'CropViewController'
```

Here i have mentioned the third party library for references

<https://github.com/TimOliver/TOCropViewController>

If user need cropping we are going for the third party library and u have to

call the methods as” function cropviewController()” .so the cropped will be saved and it will replace with the original image that we are selected .

If the user does not want the crop image they just need to call only for extension .

Compression

Addition to that cropping ,compression is also done in “didFinishPickingMediaWithInfo” function.whatever image the user is sending the image will be compressed and then it will be saved in it.

References :

Take photo and choose from the gallery .

<https://developer.apple.com/documentation/uikit/uiimagepickercontroller>

Cropping the image.

<https://developer.apple.com/documentation/coregraphics/cgimage/1454683-cropping>

Compressing the image .

<https://developer.apple.com/documentation/uikit/uiimage/1624115-jpegdata>