## Chapter 1: Setting Up Software and Hardware



Master-Detail Application	Page-Based Application	Single View Application	Tabbed Application
	•		
	•		
<b>?</b>			
<u>ZB</u>			
Game			
inale View Applic	ation		
		an application that uses	a single view. It provides
			evious Next
	nis template provid		ingle View Application his template provides a starting point for an application that uses view controller to manage the view, and a storyboard or nib file th

Choose options for your new project:			
Product Nar	me: CoolPig		
Organization Nar	me: Nummist Media Corporation Limited		
Organization Identif	ier: com.nummist		
	ier: com.nummist.CoolPig		
Langua		\$	
Devic	es: Universal	\$	
	Use Core Data		
	Include Unit Tests		
	Include UI Tests		
Canaal		Drovious	Novt
Cancel		Previous	Next

□ 屛 Q ① 今 Ⅲ ▷ 厚
🔻 <u>A</u> CoolPig
opencv2.framework
🔻 🚞 CoolPig
h AppDelegate.h
m AppDelegate.m
h ViewController.h
m ViewController.m
💽 Main.storyboard
Assets.xcassets
良 LaunchScreen.storyboard
Info.plist
Supporting Files
📄 Piggy.png
m main.m
Products

	General	Capabilities	Resource Tags	Info	Build Se
•	Deployment	Info			
		Deployment Target	9.1		~
		Devices	Universal		\$
		Main Interface	Main		~
		Device Orientation	Portrait		
			Upside Down Landscape Left		
			🗸 Landscape Right		
		Status Bar Style	Default		\$
			🗹 Hide status bar		
			Requires full scre	en	

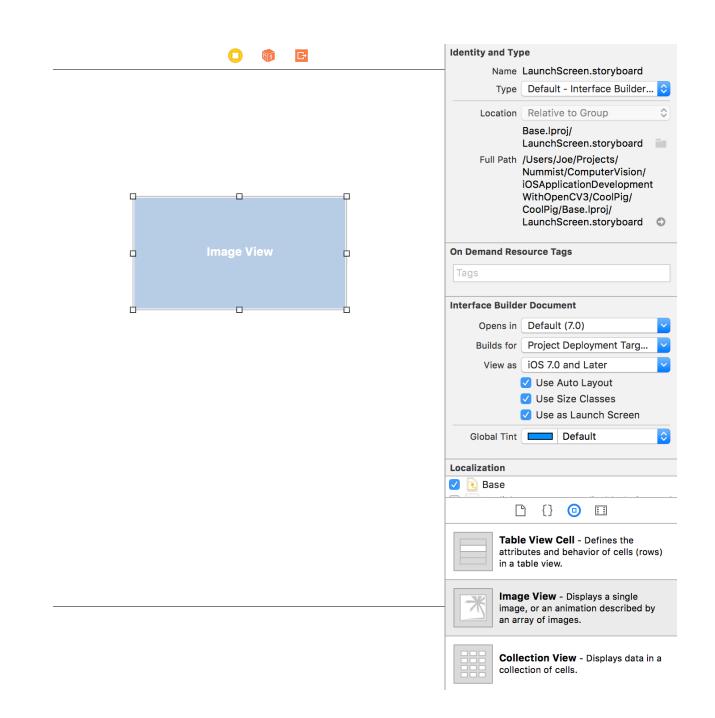
Кеу	Туре	Value
Information Property List	Dictionary	(18 items)
Localization native development region	String	en 🔶
Executable file	String	\$(EXECUTABLE_NAME)
Bundle identifier	String	\$(PRODUCT_BUNDLE_IDENTIFIER)
InfoDictionary version	String	6.0
Bundle name		\$(PRODUCT_NAME)
Bundle OS Type code	String	APPL
Bundle versions string, short	String	1.0
Bundle creator OS Type code	String	????
Bundle version	String	1
Application requires iPhone environment	🔶 Boolean	YES 🛟
Launch screen interface file base name	String	LaunchScreen
Main storyboard file base name 🛔 😋	String	Main
Required device capabilities	🔶 Array	(1 item)
UIRequiresFullScreen	🗧 Boolean	YES 🛟
Status bar is initially hidden	♣ Boolean	YES
Supported interface orientations	Array	(3 items)
Supported interface orientations (iPad)	Array	(4 items)
View controller-based status bar appearance 👌 🖸	Boolean	

Ineral	Capabilities	Resource Tags	Info	Build Settings	<b>Build Phases</b>	Bu
				Filter		
Target De	ependencies (0 ite	ms)				
Compile S	Sources (3 items)					×
Link Bina	ry With Libraries (	4 items)				×
	Name				Status	
	🚔 Accelera	ate.framework			Required 🛟	
	💼 CoreGra	phics.framework			Required 🗘	
	🔒 UlKit.fra	imework			Required 🛟	
	🚔 opencv2	2.framework			Required 🛟	
	+ -	Dra	a to roordo	r frameworks		

General	Capabilities	Resource Tags	Info	<b>Build Settings</b>	Build Phases
Basic 📝	All Combined	Levels +		Q~	
Apple LL	VM 7.0 - Language				
	Setting			À CoolPig	
	'char' Type Is Unsig	ned		No 🗘	
	Allow 'asm', 'inline',	'typeof'		Yes 🗘	
	C Language Dialect			GNU99 [-std=gn	µ99] ≎ [00u
	CodeWarrior/MS-St	yle Inline Assembly		Yes 🗘	
J	Compile Sources	ls		Objective-C++ (	;
	Enable Linking With	Shared Libraries		Yes 🗘	
	Enable Trigraphs			No 🗘	
	Generate Floating F	oint Library Calls		No 🗘	
	Increase Sharing of	Precompiled Headers		No 🗘	
	Precompile Prefix H	leader		No 🗘	
	Prefix Header				
	Recognize Built-in I	Functions		Yes 🗘	
	Recognize Pascal S	trings		Yes 🗘	
	Short Enumeration	Constants		No 🗘	
	Use Standard Syste	m Header Directory S	earching	Yes 🗘	

📘 General	Capabilities	Resource Tags	Info	<b>Build Settings</b>	Build Phases
Basic	All Combined	Levels +		Q~	
Apple LL	VM 7.0 - Preprocessi	ng			
	Setting			🔶 CoolPig	
,	Enable Foundation /	Assertions		<multiple values=""></multiple>	\$
	Debug			Yes 🗘	
	Release			No 🗘	
	Enable Strict Check	ing of objc_msgSend	Calls	Yes 🗘	
,	Preprocessor Mac	ros		<multiple td="" values:<=""><td>&gt;</td></multiple>	>
	Debug			WITH_OPENCV_C	ONTRIB DEBUG=1
	Release		e	WITH_OPENCV_C	ONTRIB
	Any Archite	ecture   Any SDK 🗘			
	Preprocessor Macro	s Not Used In Precom	piled Heade	ers	

🛃 Applcon	Ø	Applcon			
					l
			<u>ش</u>	£€	l
			2x	Зx	
			Spotligh <sup>:</sup> Settings	none t - iOS 5,6 - iOS 5-9 9pt	
			<b>Å</b>		
			2x	Зx	
			iOS	Spotlight 57-9	
+ - 🖲 Filter				Show Slicing	J
표 🛛 🔇 🛛 👌 🙆 CoolPig 〉 📩 CoolPig	g 〉 💽 Laard )	) 💽 Lase) 👌 🛅	🕽 Viene ) 门	View Controller 〉 🗌 View 🏼 🕹 🔥	>
View Controller Scene				B	
<ul> <li>View Controller</li> <li>Top Layout Guide</li> <li>Bottom Layout Guide</li> <li>View</li> </ul>					
<ul> <li>IFirst Responder</li> <li>IFIST Exit</li> <li>→ Storyboard Entry Point</li> </ul>					



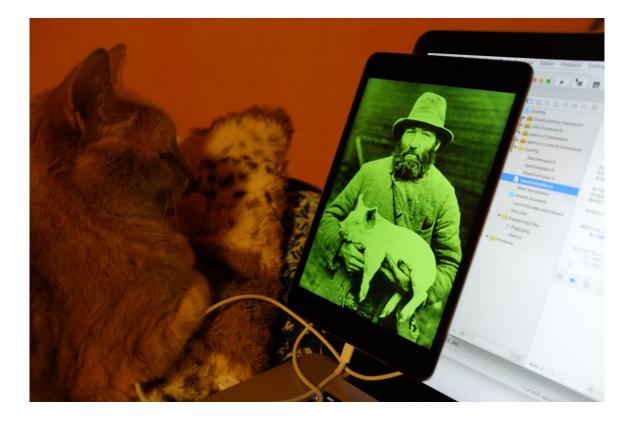


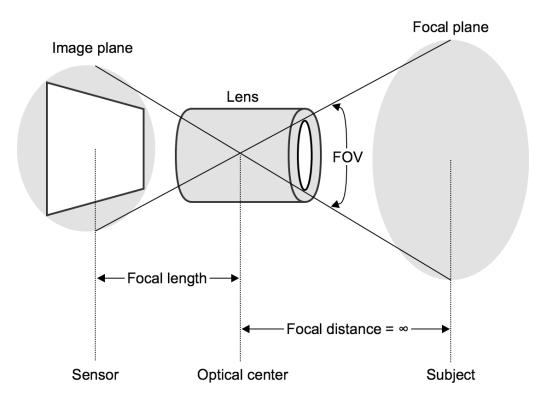


ard $\ge$ Lause) $\ge$ 🛅 Vieene $\ge$ 🖸 Vieller $\ge$ 🗌 View $\ge$ Piggy.png	🗅 🕐 🗉 🔿
	Image View
	Image Piggy.png
	Highlighted Highlighted Image
	State 🗌 Highlighted
	View
	Mode Aspect Fill
	Semantic Unspecified
	Tag 0 🗘
	Interaction Duser Interaction Enabled Multiple Touch
View Controller	Alpha 1 🗘
	Background
	Tint Default ᅌ
	Drawing 🗹 Opaque 📄 Hidden 🗹 Clears Graphics Context Clip Subviews 🗸 Autoresize Subviews
-> State	Stretching 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Circa pa 5	+ Violan Height +
	C {} 💿 🗉
	Table View Call Define the

<ul> <li>View Controller Scene</li> <li>View Controller</li> <li>Top Layout Guide</li> <li>Bottom Layout Guide</li> <li>View</li> <li>Piggy.png</li> <li>Exit</li> </ul>	View Controller
$\rightarrow$ Storyboard Entry Point	
View Controller	
▼ Triggered Segues	
manual	0
▼ Outlets	
imageView	
searchDisplayController	
view Xiew	
▼ Presenting Segues	
Relationship	
Show	
Show Detail	0000000
Present Modally	
Present As Popover	
Embed	
Push (deprecated)	
Modal (deprecated)	0
	0
▼ Referencing Outlets	
New Referencing Outlet	0
▼ Referencing Outlet Collections	
New Referencing Outlet Collection	0

11.



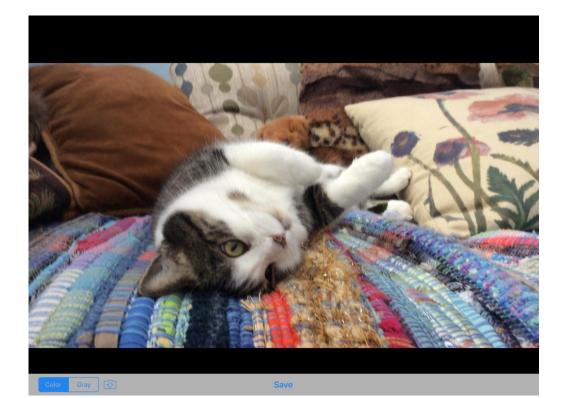


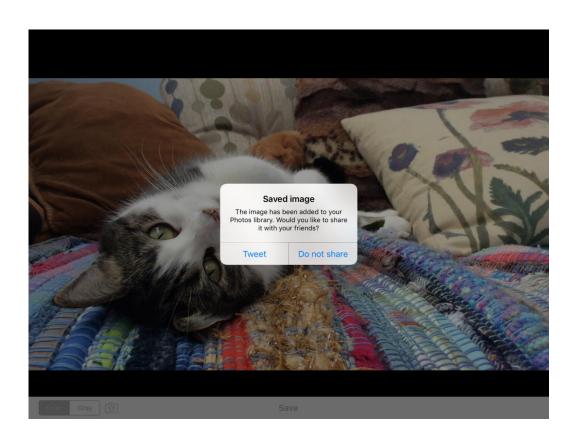


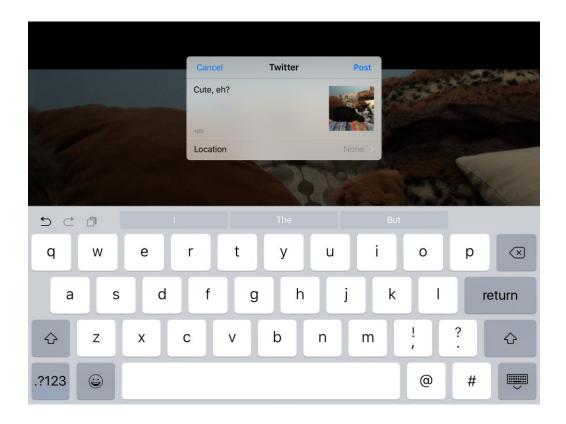


## Chapter 2: Capturing, Storing, and Sharing Photos

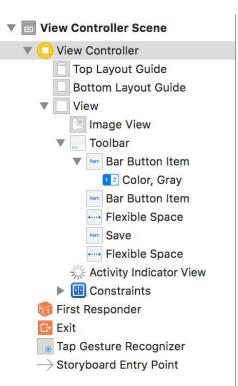








Кеу		Туре		Value
Information Property List		Dictionary		(18 items)
Localization native development re	<b></b>	String		en
Executable file	▲ ▼	String		\$(EXECUTABLE_NAME)
Bundle identifier	▲ ▼	String		\$(PRODUCT_BUNDLE_IDENTIFIER)
InfoDictionary version	▲ ▼	String		6.0
Bundle name	<b>Å</b>	String		\$(PRODUCT_NAME)
Bundle OS Type code	<b>+</b>	String		APPL
Bundle versions string, short	<b>+</b>	String		1.0
Bundle creator OS Type code	<b>+</b>	String		????
Bundle version	<b></b>	String		1
Application requires iPhone enviro	<b>*</b>	Boolean		YES
	<b></b>	String		LaunchScreen
Main storyboard file base name	<b>*</b>	String		Main
Required device capabilities	<b></b>	Array		(2 items)
Item 0		String		armv7
ltem 1 💿 (	0	String	$\hat{\mathbf{v}}$	video-camera
UIRequiresFullScreen	÷	Boolean		YES
Status bar is initially hidden	<b>*</b>	Boolean		YES
Supported interface orientations	<b>+</b>	Array		(3 items)
Supported interface orientations (i	<b>+</b>	Array		(4 items)
View controller-based status bar a	<b></b>	Boolean		NO





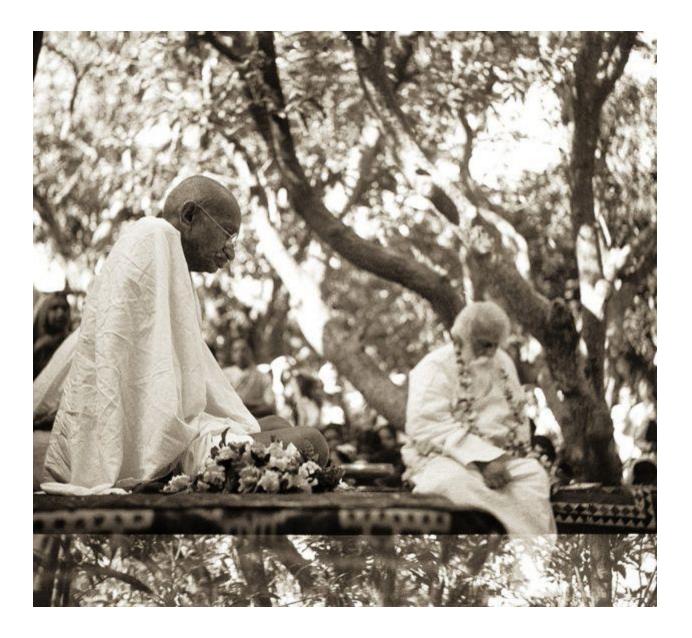
8	View C	ont	roller					
▼	Triggered Segues							
	manual			0				
▼	Outlets							
	activityIndicatorView	- *	Activity Indicator View	$\bigcirc$				
	imageView	- *	Image View					
	searchDisplayController			0				
	toolbar	- *	Toolbar	$\odot$				
	view		View	$\odot$				
V	Presenting Segues							
	Relationship			0				
	Show			00000000				
	Show Detail			0				
	Present Modally			0				
	Present As Popover			0				
	Embed			0				
	Push (deprecated)			0				
	Modal (deprecated)			0				
	Custom			0				
V	Referencing Outlets							
	New Referencing Outlet			0				
V	Referencing Outlet Collections							
	New Referencing Outlet Collection	۱		0				
V	Received Actions							
	onColorModeSelected:	*	Color, Gray Value Changed	0				
	onSaveButtonPressed	- *	Save	$\bigcirc$				
	onSwitchCameraButtonPressed	- *	Bar Button Item	0				
	onTapToSetPointOfInterest:		Tap Gesture Recognizer					

Did End On Exit Editing Changed Editing Did Begin Editing Did End Primary Action Triggered Touch Cancel Touch Down Touch Down Repeat Touch Drag Enter Touch Drag Enter Touch Drag Exit Touch Drag Inside Touch Drag Outside Touch Up Inside Touch Up Outside Value Changed





## Chapter 3: Blending Images





24 25 26 27 28 đ 0 Fuel Engm Landing Zone STF 244 -----15 A ..... . .... Wind 12 kts. 20 2 -25 -30 -35 ..... 



	Moments	Cancel
November 26, 2015		



January 2





January 30



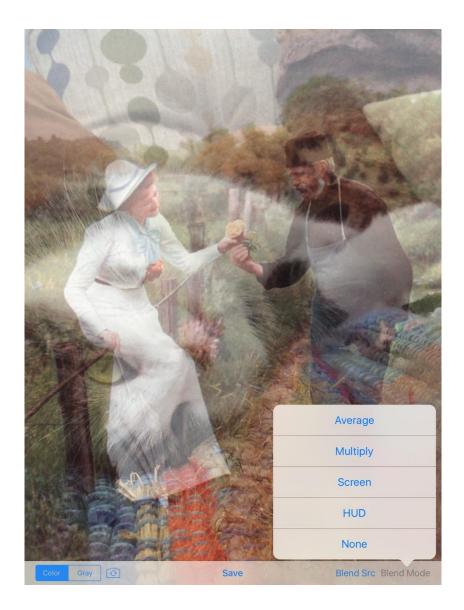
Monday



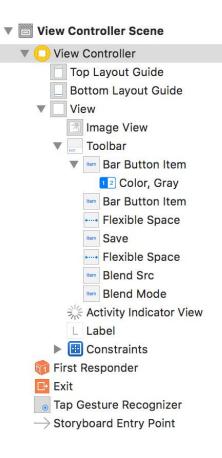
Today













8	View Controller						
$\mathbf{v}$	Triggered Segues						
	manual				0		
$\mathbf{v}$	Outlets						
	activityIndicatorView		×	Activity Indicator View	$\bigcirc$		
	imageView	F	*	Image View	0		
	searchDisplayController		_				
	toolbar		×	Toolbar	$\bigcirc$		
	view	H	×	View			
▼	Presenting Segues						
	Relationship				0		
	Show				0		
	Show Detail				0		
	Present Modally				000000000		
	Present As Popover				0		
	Embed				0		
	Push (deprecated)				0		
	Modal (deprecated)				0		
	Custom				0		
▼	Referencing Outlets						
	New Referencing Outlet				0		
▼	Referencing Outlet Collections						
	New Referencing Outlet Collect	tion	۱		0		
▼	Received Actions						
	onBlendModeButtonPressed:		×	Blend Mode	$\bigcirc$		
	onBlendSrcButtonPressed		×	Blend Src			
	onColorModeSelected:		×	Color, Gray	$\bigcirc$		
				Value Changed			
	onSaveButtonPressed		×	Save	$\bigcirc$		
	onSwitchCameraButtonPre		×	Bar Button Item	0		
	onTapToSetPointOfInterest:		×	Tap Gesture Recognizer	$\bigcirc$		
					1.		







Очи чёрные, очи страстные, Очи жгучие и прекрасные! Как люблю я вас, как боюсь я вас! Знать, увидел вас я в недобрый час!

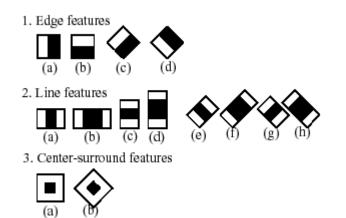
Black eyes, passionate eyes, Burning and beautiful eyes! How I love you, how I fear you! Truly, I saw you in an evil hour!

Очи черные, очи страстные, Очи жгучие и прекрасные! Как люблю я вас, как боюсь я вас! Знать, увидел вас я в недобрый час

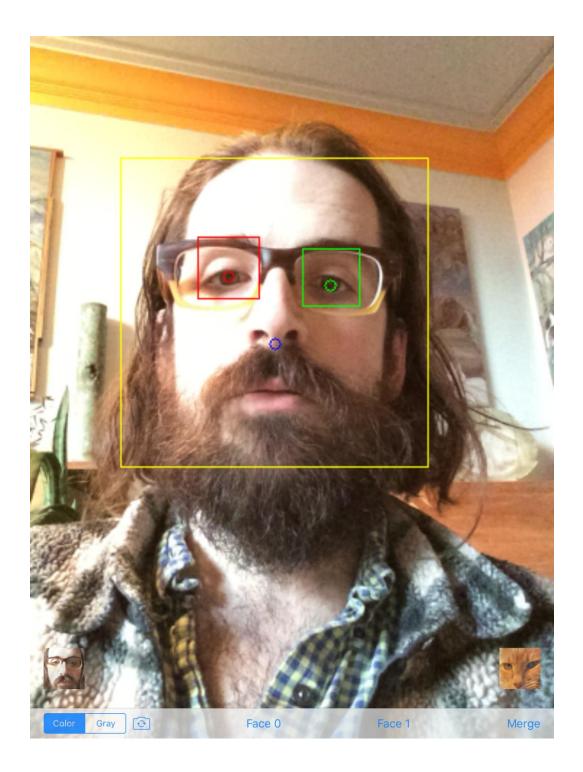
Black eyes, passionate eyes, Burning and beautiful eyes! How I love you, how I fear you! Truly, I saw you in an evil hour!

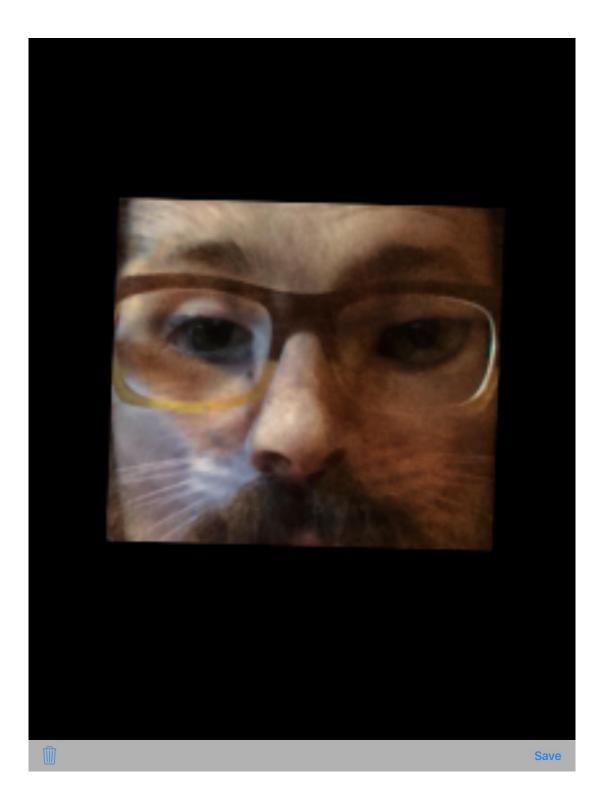
## Chapter 4: Detecting and Merging Faces of Mammals

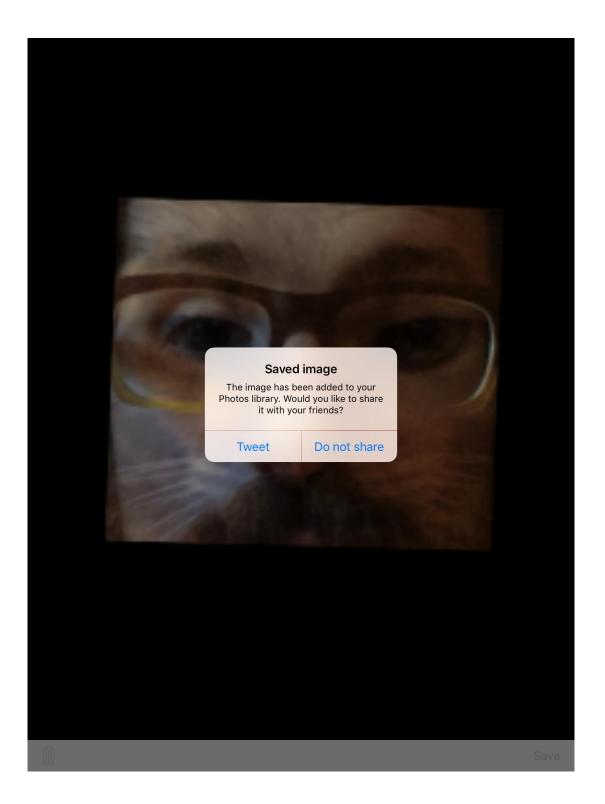


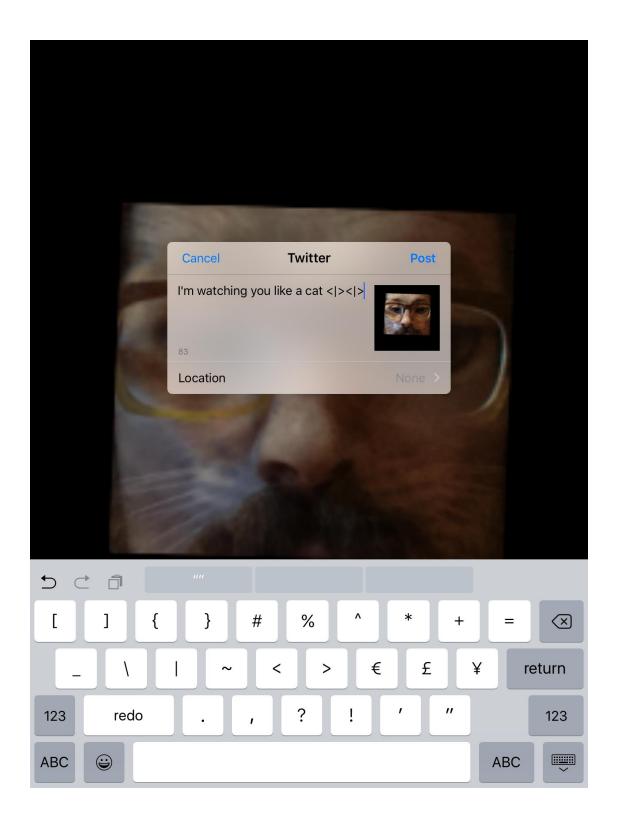


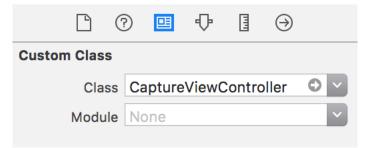


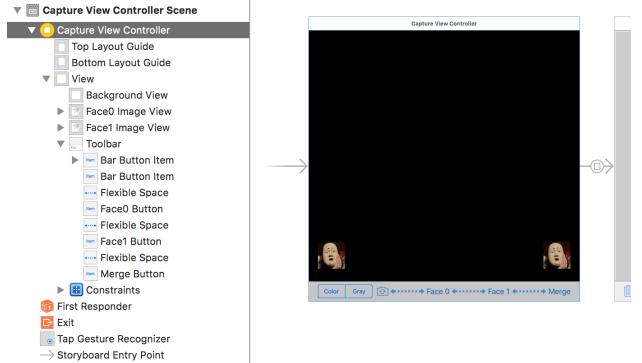






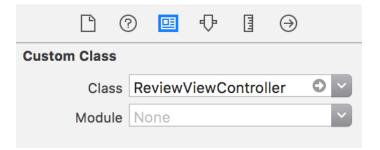


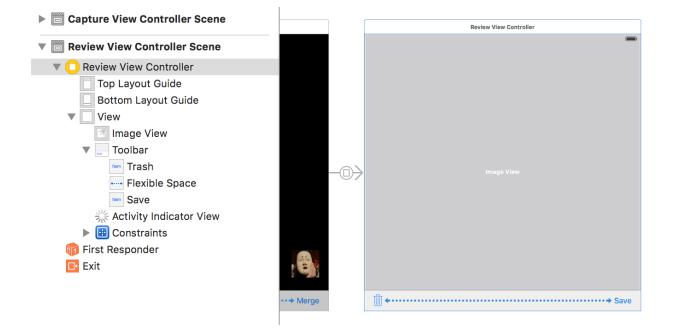




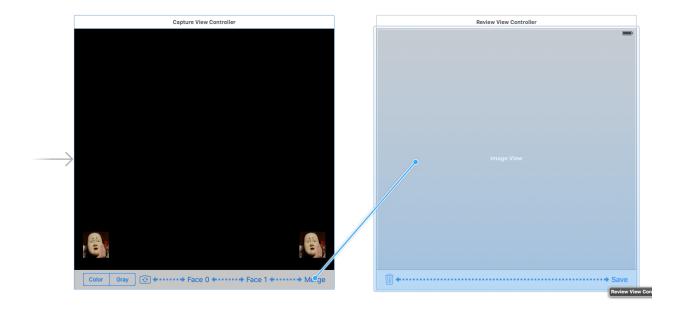
Present Modally segue "showRevi...

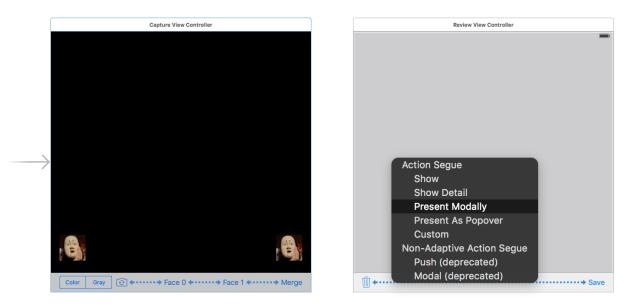
8	Capture V	/i <u>e</u> v	w C	Controller		
V	Triggered Segues					
	manual				$\cap$	
▼	Outlets				$\sim$	
	backgroundView		×	Background View	$\bigcirc$	
	face0Button			Face0 Button	$\overline{\mathbf{O}}$	
Ì	faceOImageView	Ξ	×	Face0 Image View	$\overline{\mathbf{O}}$	
Ì	face1Button	Ξ		Face1 Button	$\overline{\mathbf{O}}$	
	face1ImageView	Ξ	*	Face1 Image View	Õ	
	mergeButton	Ē	-	Merge Button	Õ	
	searchDisplayController				Õ	
	view			View		
▼	Presenting Segues					
	Relationship				0	
	Show				Õ	
	Show Detail				Ō	
	Present Modally				000000000	
	Present As Popover				0	
	Embed				0	
	Push (deprecated)				0	
	Modal (deprecated)				0	
	Custom				0	
▼	Referencing Outlets					
	New Referencing Outlet				0	
▼	<b>Referencing Outlet Collection</b>	ons	3			
	New Referencing Outlet Collection	on			0	
▼	Received Actions					
	onColorModeSelected:		×	Color, Gray	$\bigcirc$	
				Value Changed		
	onFace0ButtonPressed		×	Face0 Button	$\bigcirc$	
	onFace1ButtonPressed		×	Face1 Button		
	onSwitchCameraButtonPressed		×	Bar Button Item	$\bigcirc$	
	onTapToSetPointOfInterest:		×	Tap Gesture Recognizer	$\bigcirc$	
						1





0	Review View Controller				
▼	Triggered Segues				
	manual		0		
$\mathbf{v}$	Outlets				
	activityIndicatorView 🛛 🖌 🗶	Activity Indicator View	$\bigcirc$		
	imageView ×	Image View	$\bigcirc$		
	searchDisplayController				
	toolbar *	Toolbar	$\bigcirc$		
	view *	View			
▼	Presenting Segues				
	Relationship		0		
	Show		0		
	Show Detail		000		
		Merge Button action	0		
	Present As Popover		0		
	Embed		00000		
	Push (deprecated)		0		
	Modal (deprecated)		0		
	Custom		0		
▼	Referencing Outlets				
	New Referencing Outlet		0		
▼	<b>Referencing Outlet Collections</b>	S			
	New Referencing Outlet Collection		0		
$\mathbf{v}$	Received Actions				
	onDeleteButtonPressed <b>*</b>	Trash	$\bigcirc$		
	onSaveButtonPressed *	Save	$\odot$		
				1	



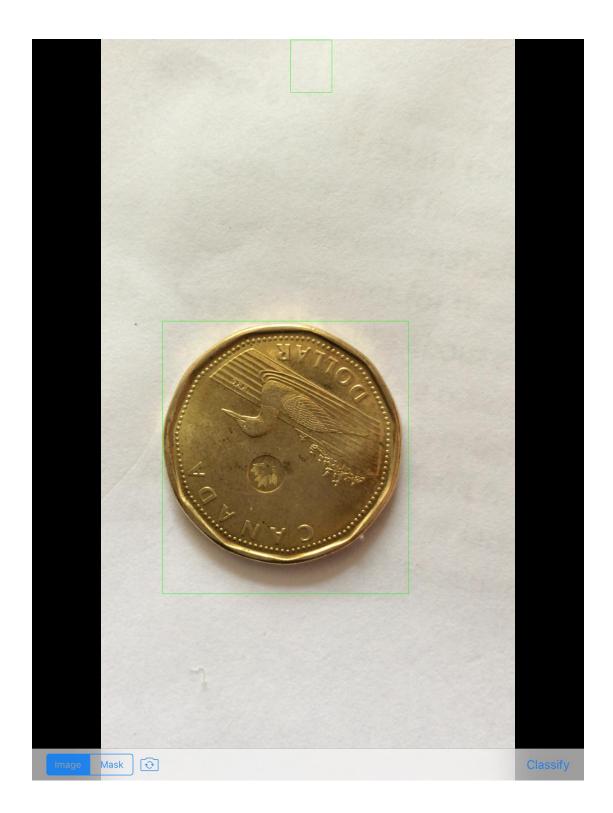


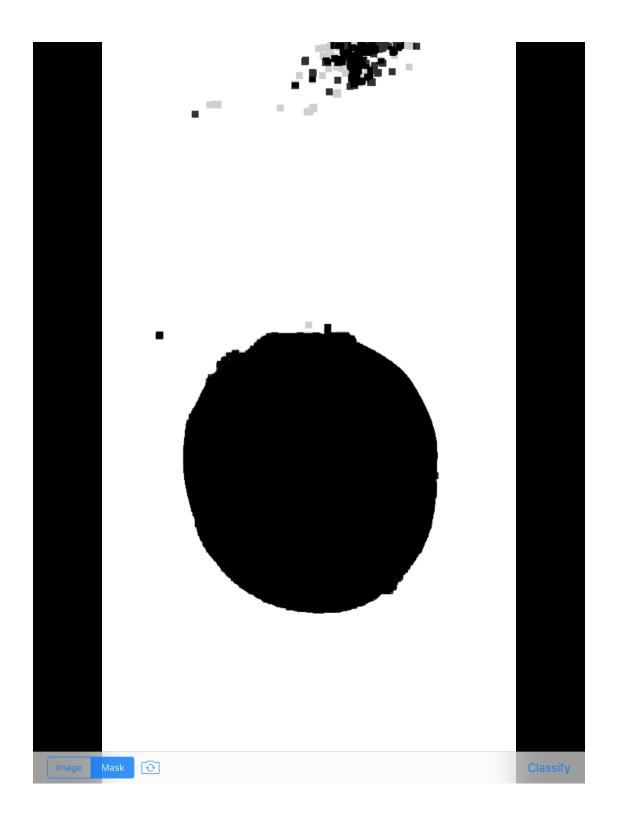
	Present Mode	ew Controller"	<b>D</b> (	) 🗉 🗘	3 6	
Capture View Controller Scene			Storyboard Seg	ue		
🕨 🛑 Capture View Controller			Identifier	showReviewM	odally	
📦 First Responder			Class	UIStoryboard	Segue	•
Exit			Module	None		~
o Tap Gesture Recognizer → Storyboard Entry Point			Kind	Present Moda	ally	٢
Present Modally segue "sho			Presentation	Default		٢
▶			Transition	Cross Dissolv	/e	\$
				🗸 Animates		
	-0	$\rightarrow$				
	···· Merge					

## Chapter 5: Classifying Coins and Commodities



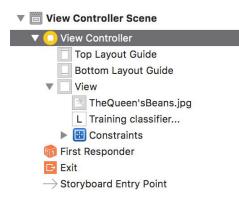




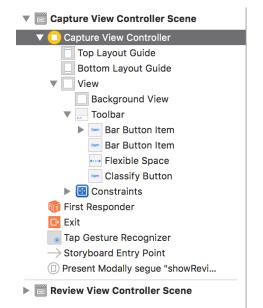


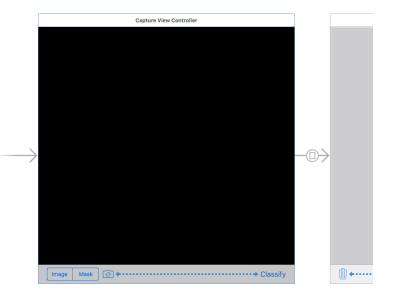


▼RootDictionary(2 items)▼labelDescriptionsArray(9 items)Item 0StringunidentifiedItem 1StringCanadian pennyItem 2StringCanadian nickelItem 3StringCanadian quarterItem 4StringCanadian quarterItem 5StringIoonie, Canadian dollarItem 6StringIoonie, Canadian dollarItem 7Stringpinto beanItem 8Stringromano bean♥ blobsArray(12 items)♥ Item 0Dictionary(2 items)imageFilenameStringCanadianNickel_Heads_000.pnglabelNumber2▶ Item 1Dictionary(2 items)▶ Item 3Dictionary(2 items)▶ Item 4Dictionary(2 items)▶ Item 5Dictionary(2 items)▶ Item 6Dictionary(2 items)▶ Item 7Dictionary(2 items)▶ Item 6Dictionary(2 items)▶ Item 7Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 9Dictionary(2 items)▶ Item 10Dictionary(2 items)▶ Ite	Кеу	Туре	Value
Item 0StringunidentifiedItem 1StringCanadian pennyItem 2StringCanadian nickelItem 3StringCanadian dimeItem 4StringCanadian quarterItem 5StringIoonie, Canadian dollarItem 6Stringtoonie, Canadian dollarItem 7Stringpinto beanItem 8Stringromano bean▼ blobsArray(12 items)▼ Item 0Dictionary(2 items)imageFilenameStringCanadianNickel_Heads_000.pngIabelNumber2▶ Item 1Dictionary(2 items)▶ Item 3Dictionary(2 items)▶ Item 4Dictionary(2 items)▶ Item 5Dictionary(2 items)▶ Item 6Dictionary(2 items)▶ Item 7Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 7Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 7Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 9Dictionary(2 items)▶ Item 10Dictionary(2 items)	▼ Root	Dictionary	(2 items)
Item 1StringCanadian pennyItem 2StringCanadian nickelItem 3StringCanadian dimeItem 4StringCanadian quarterItem 5StringIoonie, Canadian dollarItem 6Stringtoonie, Canadian two-dollarItem 7Stringpinto beanItem 8Stringromano beanv blobsArray(12 items)v Item 0Dictionary(2 items)imageFilenameStringCanadianNickel_Heads_000.pnglabelNumber2▶ Item 1Dictionary(2 items)▶ Item 3Dictionary(2 items)▶ Item 4Dictionary(2 items)▶ Item 5Dictionary(2 items)▶ Item 6Dictionary(2 items)▶ Item 7Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 7Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 9Dictionary(2 items)▶ Item 9Dictionary(2 items)▶ Item 10Dictionary(2 items)	IabelDescriptions	Array	(9 items)
Item 2StringCanadian nickelItem 3StringCanadian dimeItem 4StringCanadian quarterItem 5StringIoonie, Canadian dollarItem 6Stringtoonie, Canadian two-dollarItem 7Stringpinto beanItem 8Stringromano beanVblobsArray(12 items)VItem 0Dictionary(2 items)imageFilenameStringCanadianNickel_Heads_000.pnglabelNumber2▶ Item 1Dictionary(2 items)Item 3Dictionary(2 items)Item 4Dictionary(2 items)▶ Item 5Dictionary(2 items)▶ Item 6Dictionary(2 items)▶ Item 7Dictionary(2 items)▶ Item 7Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 9Dictionary(2 items)▶ Item 9Dictionary(2 items)▶ Item 10Dictionary(2 items)	Item 0	String	unidentified
Item 2StringCanadian dimeItem 3StringCanadian quarterItem 4StringIconie, Canadian quarterItem 5StringIconie, Canadian dollarItem 6Stringtoonie, Canadian two-dollarItem 7Stringpinto beanItem 8Stringromano bean♥ blobsArray(12 items)♥ Item 0Dictionary(2 items)imageFilenameStringCanadianNickel_Heads_000.pnglabelNumber2▶ Item 1Dictionary(2 items)▶ Item 2Dictionary(2 items)▶ Item 3Dictionary(2 items)▶ Item 4Dictionary(2 items)▶ Item 5Dictionary(2 items)▶ Item 6Dictionary(2 items)▶ Item 7Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 7Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 9Dictionary(2 items)▶ Item 9Dictionary(2 items)▶ Item 10Dictionary(2 items)	Item 1	String	Canadian penny
Item 4StringCanadian quarterItem 5StringIoonie, Canadian dollarItem 6Stringtoonie, Canadian two-dollarItem 7Stringpinto beanItem 8Stringromano bean♥ blobsArray(12 items)♥ Item 0Dictionary(2 items)imageFilenameStringCanadianNickel_Heads_000.pnglabelNumber2▶ Item 1Dictionary(2 items)▶ Item 2Dictionary(2 items)▶ Item 3Dictionary(2 items)▶ Item 4Dictionary(2 items)▶ Item 5Dictionary(2 items)▶ Item 6Dictionary(2 items)▶ Item 7Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 9Dictionary(2 items)▶ Item 9Dictionary(2 items)▶ Item 9Dictionary(2 items)▶ Item 10Dictionary(2 items)	Item 2	String	Canadian nickel
Item 5StringIoonie, Canadian dollarItem 6Stringtoonie, Canadian two-dollarItem 7Stringpinto beanItem 8Stringromano bean▼blobsArray(12 items)▼ltem 0Dictionary(2 items)imageFilenameStringCanadianNickel_Heads_000.pnglabelNumber2▶ Item 1Dictionary(2 items)▶ Item 2Dictionary(2 items)▶ Item 3Dictionary(2 items)▶ Item 4Dictionary(2 items)▶ Item 5Dictionary(2 items)▶ Item 6Dictionary(2 items)▶ Item 7Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 9Dictionary(2 items)▶ Item 9Dictionary(2 items)▶ Item 10Dictionary(2 items)	Item 3	String	Canadian dime
Item 6Stringtoonie, Canadian two-dollarItem 7Stringpinto beanItem 8Stringromano bean♥ blobsArray(12 items)♥ Item 0Dictionary(2 items)imageFilenameStringCanadianNickel_Heads_000.pnglabelNumber2▶ Item 1Dictionary(2 items)▶ Item 2Dictionary(2 items)▶ Item 3Dictionary(2 items)▶ Item 4Dictionary(2 items)▶ Item 5Dictionary(2 items)▶ Item 6Dictionary(2 items)▶ Item 7Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 10Dictionary(2 items)	Item 4	String	Canadian quarter
Item 7Stringpinto beanItem 8Stringromano bean♥ blobsArray(12 items)♥ Item 0Dictionary(2 items)imageFilenameStringCanadianNickel_Heads_000.pnglabelNumber2▶ Item 1Dictionary(2 items)▶ Item 2Dictionary(2 items)▶ Item 3Dictionary(2 items)▶ Item 4Dictionary(2 items)▶ Item 5Dictionary(2 items)▶ Item 6Dictionary(2 items)▶ Item 7Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 9Dictionary(2 items)▶ Item 9Dictionary(2 items)▶ Item 10Dictionary(2 items)	Item 5	String	loonie, Canadian dollar
Item 8Stringromano bean▼ blobsArray(12 items)▼ Item 0Dictionary(2 items)imageFilenameStringCanadianNickel_Heads_000.pnglabelNumber2▶ Item 1Dictionary(2 items)▶ Item 2Dictionary(2 items)▶ Item 3Dictionary(2 items)▶ Item 4Dictionary(2 items)▶ Item 5Dictionary(2 items)▶ Item 6Dictionary(2 items)▶ Item 7Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 9Dictionary(2 items)▶ Item 10Dictionary(2 items)	Item 6	String	toonie, Canadian two-dollar
▼blobsArray(12 items)▼Item 0Dictionary(2 items)imageFilenameStringCanadianNickel_Heads_000.pnglabelNumber2▶Item 1Dictionary(2 items)▶Item 2Dictionary(2 items)▶Item 3Dictionary(2 items)▶Item 4Dictionary(2 items)▶Item 5Dictionary(2 items)▶Item 6Dictionary(2 items)▶Item 7Dictionary(2 items)▶Item 8Dictionary(2 items)▶Item 9Dictionary(2 items)▶Item 10Dictionary(2 items)	Item 7	String	pinto bean
▼ Item 0Dictionary(2 items)imageFilenameStringCanadianNickel_Heads_000.pnglabelNumber2▶ Item 1Dictionary(2 items)▶ Item 2Dictionary(2 items)▶ Item 3Dictionary(2 items)▶ Item 4Dictionary(2 items)▶ Item 5Dictionary(2 items)▶ Item 6Dictionary(2 items)▶ Item 7Dictionary(2 items)▶ Item 8Dictionary(2 items)▶ Item 9Dictionary(2 items)	Item 8	String	romano bean
imageFilenameStringCanadianNickel_Heads_000.pnglabelNumber2ltem 1Dictionary(2 items)ltem 2Dictionary(2 items)ltem 3Dictionary(2 items)ltem 4Dictionary(2 items)ltem 5Dictionary(2 items)ltem 6Dictionary(2 items)ltem 7Dictionary(2 items)ltem 8Dictionary(2 items)ltem 9Dictionary(2 items)ltem 9Dictionary(2 items)ltem 10Dictionary(2 items)	▼ blobs	Array	(12 items)
labelNumber2Item 1Dictionary(2 items)Item 2Dictionary(2 items)Item 3Dictionary(2 items)Item 4Dictionary(2 items)Item 5Dictionary(2 items)Item 6Dictionary(2 items)Item 7Dictionary(2 items)Item 8Dictionary(2 items)Item 9Dictionary(2 items)Item 10Dictionary(2 items)	▼ Item 0	Dictionary	(2 items)
Item 1Dictionary(2 items)Item 2Dictionary(2 items)Item 3Dictionary(2 items)Item 4Dictionary(2 items)Item 5Dictionary(2 items)Item 6Dictionary(2 items)Item 7Dictionary(2 items)Item 8Dictionary(2 items)Item 9Dictionary(2 items)Item 10Dictionary(2 items)	imageFilename	String	CanadianNickel_Heads_000.png
Item 2Dictionary(2 items)Item 3Dictionary(2 items)Item 4Dictionary(2 items)Item 5Dictionary(2 items)Item 6Dictionary(2 items)Item 7Dictionary(2 items)Item 8Dictionary(2 items)Item 9Dictionary(2 items)Item 10Dictionary(2 items)	label	Number	2
Item 3Dictionary(2 items)Item 4Dictionary(2 items)Item 5Dictionary(2 items)Item 6Dictionary(2 items)Item 7Dictionary(2 items)Item 8Dictionary(2 items)Item 9Dictionary(2 items)Item 10Dictionary(2 items)	▶ Item 1	Dictionary	(2 items)
Item 4Dictionary(2 items)Item 5Dictionary(2 items)Item 6Dictionary(2 items)Item 7Dictionary(2 items)Item 8Dictionary(2 items)Item 9Dictionary(2 items)Item 10Dictionary(2 items)	▶ Item 2	Dictionary	(2 items)
Item 5Dictionary(2 items)Item 6Dictionary(2 items)Item 7Dictionary(2 items)Item 8Dictionary(2 items)Item 9Dictionary(2 items)Item 10Dictionary(2 items)	► Item 3	Dictionary	(2 items)
Item 6Dictionary(2 items)Item 7Dictionary(2 items)Item 8Dictionary(2 items)Item 9Dictionary(2 items)Item 10Dictionary(2 items)	▶ Item 4	Dictionary	(2 items)
Item 7Dictionary(2 items)Item 8Dictionary(2 items)Item 9Dictionary(2 items)Item 10Dictionary(2 items)	▶ Item 5	Dictionary	(2 items)
Item 8Dictionary(2 items)Item 9Dictionary(2 items)Item 10Dictionary(2 items)	▶ Item 6	Dictionary	(2 items)
Item 9     Dictionary     (2 items)       Item 10     Dictionary     (2 items)	▶ Item 7	Dictionary	(2 items)
► Item 10 Dictionary (2 items)	▶ Item 8	Dictionary	(2 items)
	► Item 9	Dictionary	(2 items)
► Item 11 Dictionary (2 items)	▶ Item 10	Dictionary	(2 items)
	► Item 11	Dictionary	(2 items)

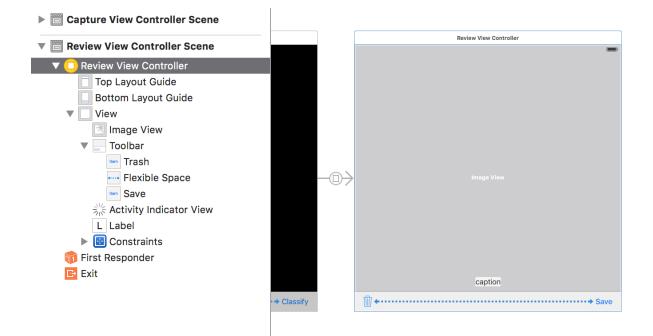




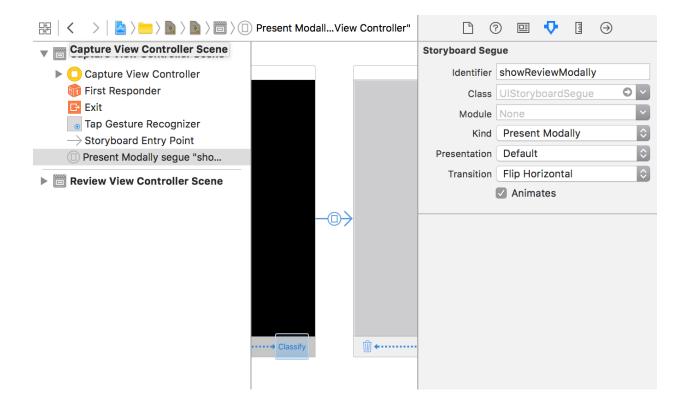




8	Capture Vie	wC	Controller		
▼	Triggered Segues				
	manual			0	
▼	Outlets				
	backgroundView	×	Background View	$\bigcirc$	
	classifyButton	×	Classify Button	0	
	searchDisplayController			0	
	view		View	$\odot$	
▼	Presenting Segues				
	Relationship			0	
	Show			0	
	Show Detail			00000000	
	Present Modally			0	
	Present As Popover			0	
	Embed			0	
	Push (deprecated)			0	
	Modal (deprecated)			0	
	Custom			0	
$\mathbf{\nabla}$	Referencing Outlets				
	New Referencing Outlet			0	
▼	<b>Referencing Outlet Collections</b>	S			
	New Referencing Outlet Collection			0	
▼	Received Actions				
	onPreviewModeSelected:	*	Image, Mask Value Changed	٥	
	onSwitchCameraButtonPressed	×	Bar Button Item	0	
	onTapToSetPointOfInterest:			0	
					/



8	Review View Controller	
▼	Triggered Segues	
	manual	0
▼	Outlets	
	activityIndicatorView 💦 🗶 Activity Indicator Vie	w 🔘
	imageView * Image View	$\bigcirc$
	label * Label	$\bigcirc$
	searchDisplayController	
	toolbar 🛛 🔭 Toolbar	$\bigcirc$
	view × View	$\odot$
▼	Presenting Segues	
	Relationship	0
	Show	0000
	Show Detail	0
	Present Modally * Classify Button	$\bigcirc$
	action	
	Present As Popover	00000
	Embed	0
	Push (deprecated)	0
	Modal (deprecated)	0
	Custom	0
▼	Referencing Outlets	
	New Referencing Outlet	0
$\mathbf{\nabla}$	Referencing Outlet Collections	
	New Referencing Outlet Collection	0
▼	Received Actions	
	onDeleteButtonPressed <b>*</b> Trash	$\bigcirc$
	onSaveButtonPressed <b>*</b> Save	$\bigcirc$
		/

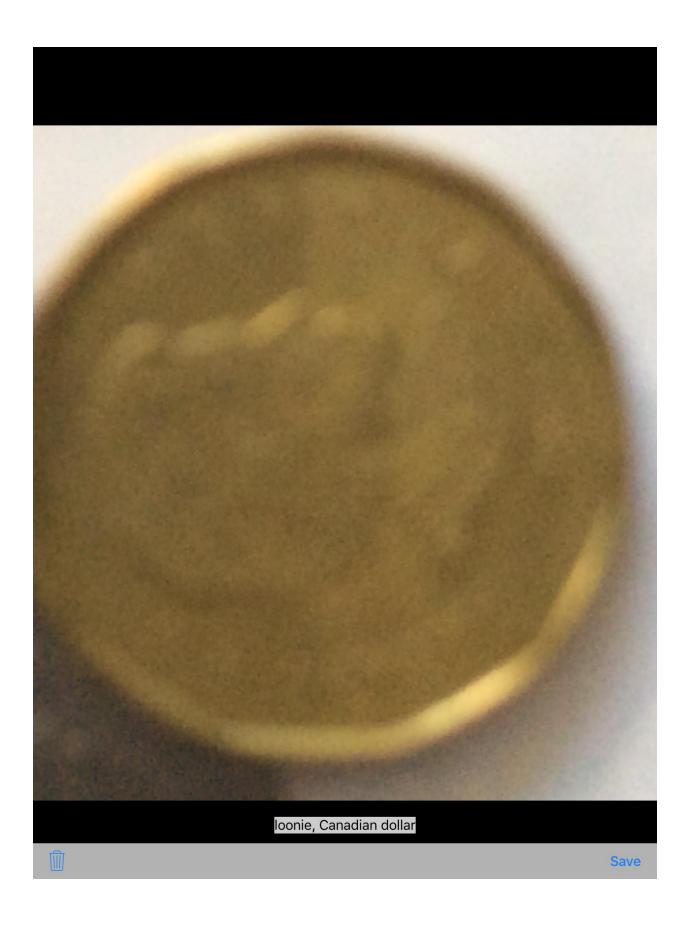


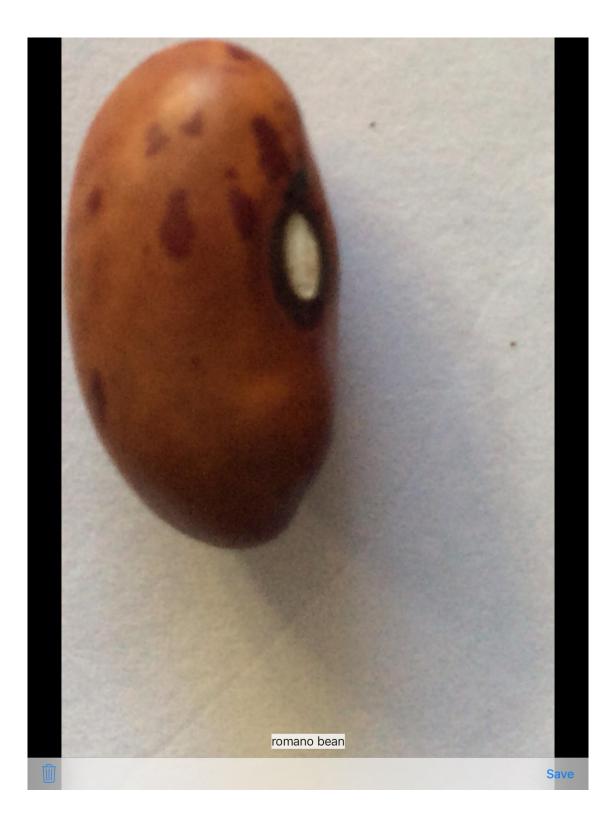




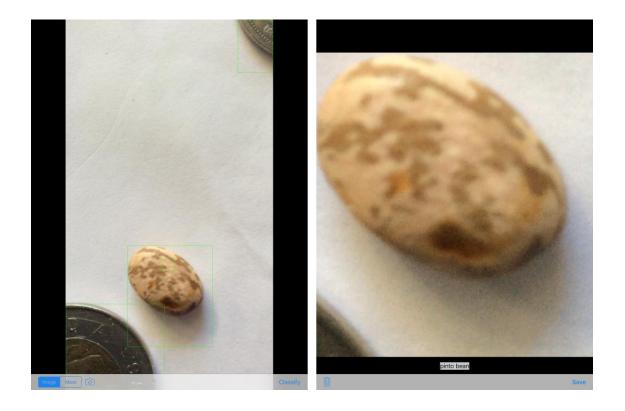














sk 🖸

