

# ITP 342 Lab 2



## Goal

- In this lab, you will create an iPad app to create a story.
- This lab is intended to have you practice using user interface components.

## Assignment

- Open Xcode and create a new Single View Application called **Story** or **Lab2**.
- Using Interface Builder, add at least the following elements:
  - **Image View** for the top header image
  - **Text Fields** for information (at least one for text and one for a number)
  - **Segmented Control** for Less or More in order to hide or show the view
  - **View** to hold more choices:
    - **Label** and **Slider**
    - **Label** and **Stepper**
    - **Label** and **Switch** for the ending option
    - Add other labels as needed
    - You may add other components
    - All components on this view need to have default values
  - **Button** to create the story
- Use these elements to have the user enter information, and then you will create your own story using all input data. Do NOT use the story in the example images.
- The keyboard for the text fields should dismiss when the user touches the Return/Done button on the keyboard.
- The keyboard for the text fields should dismiss when the user touches the background. Use a background button like the previous lab.
- The Less/More segmented control should show or hide the “more options” view.
- Use an Action Sheet (iOS8 – UIAlertController; iOS7 – UIActionSheet) to ask the user if they are ready for their story.
- Use an Alert View (iOS8 – UIAlertController; iOS7 – UIAlertView) to display your story.
- You may customize your UI as much as you want.
  - You can use your own image and colors.
  - You define the range for your slider.
  - You may also add other components.

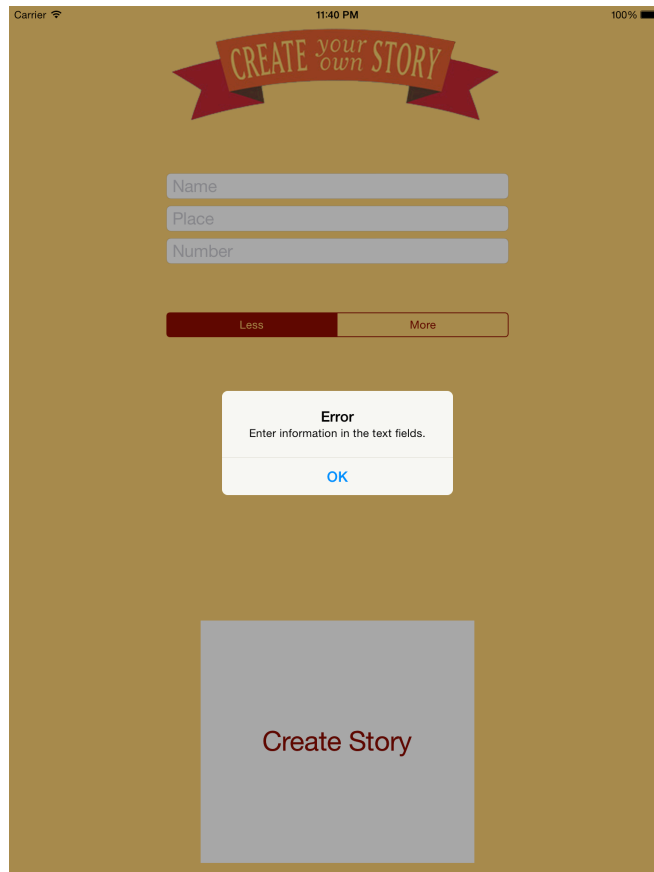
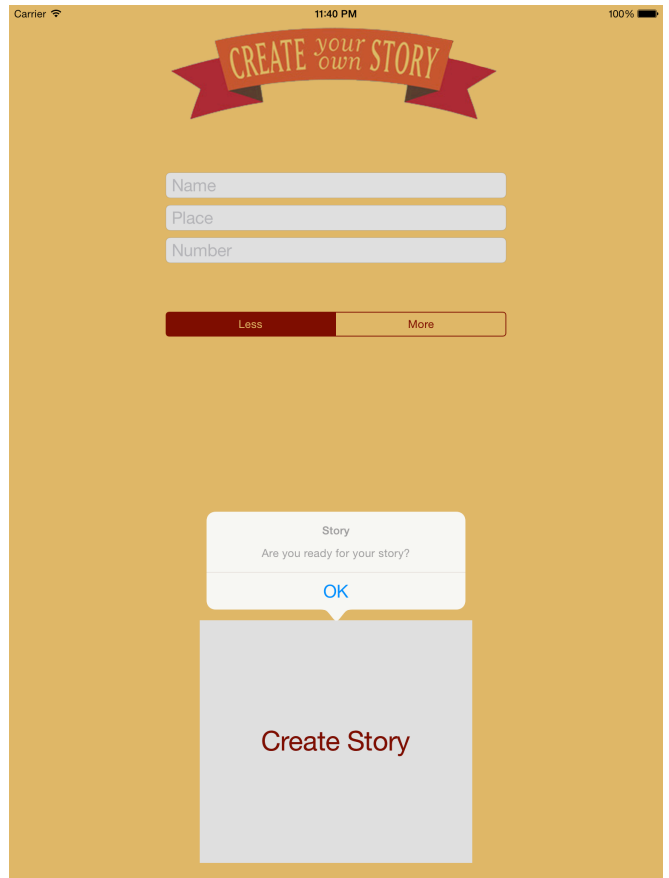
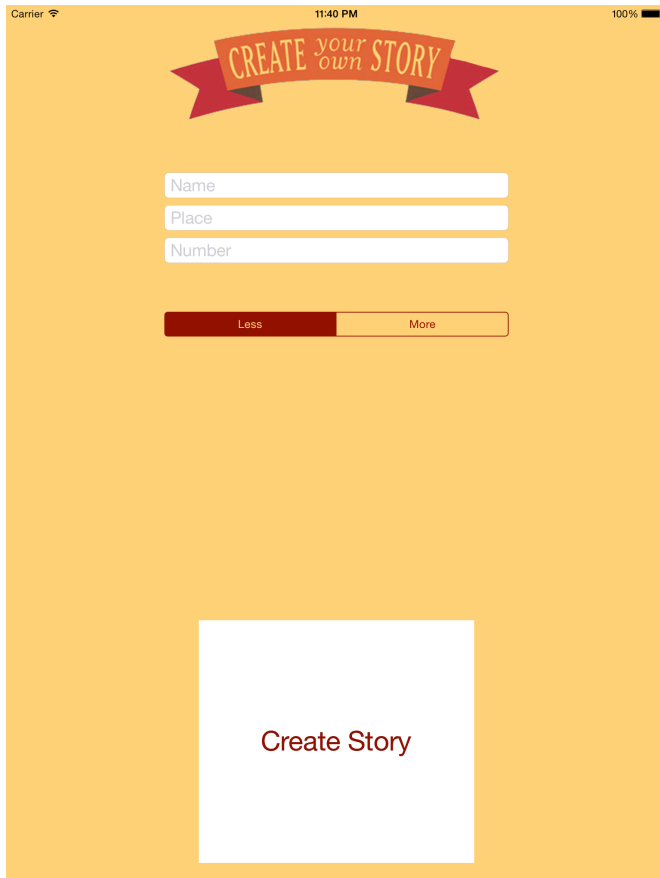
## **Grading (60 pts)**

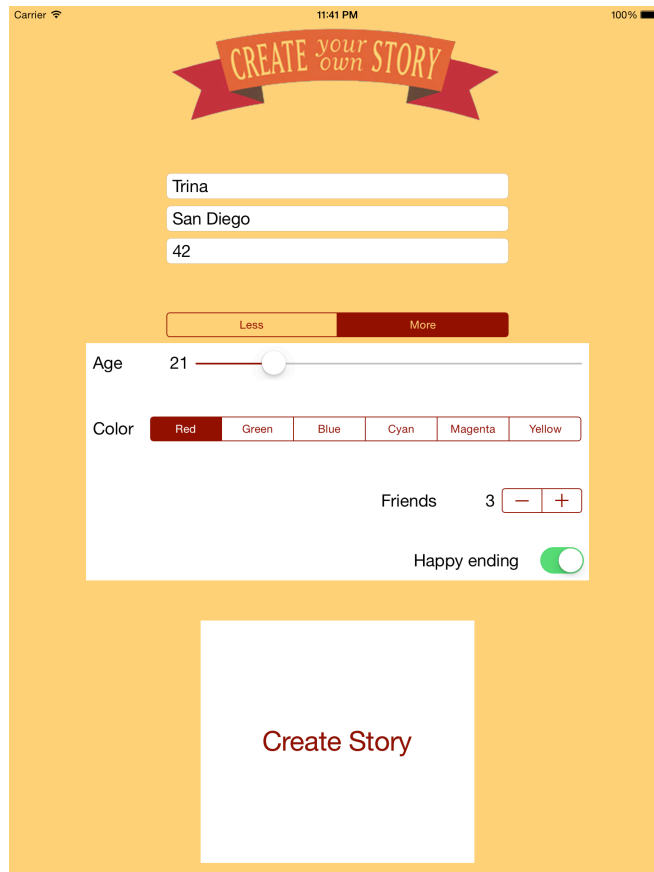
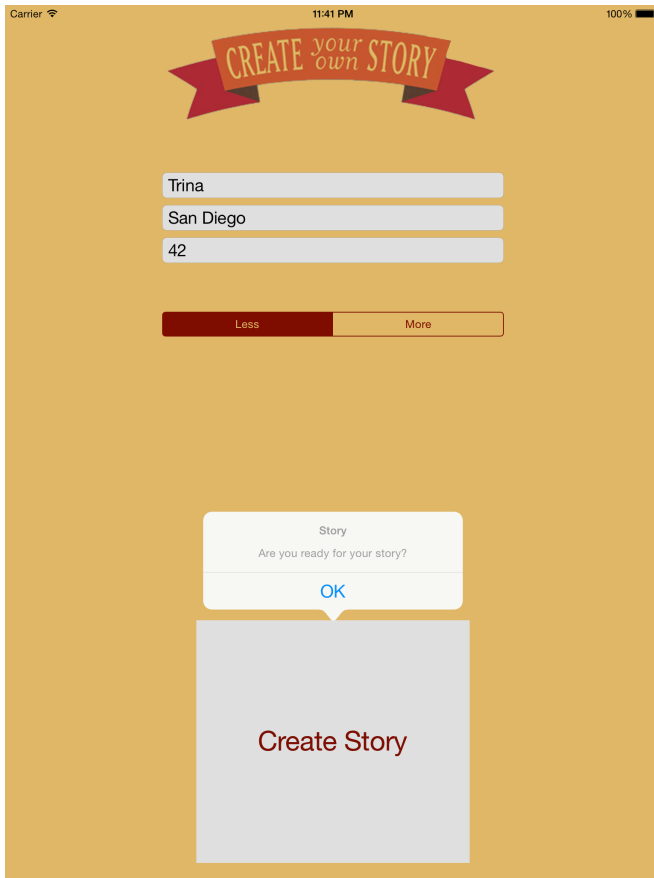
- Text fields (at least one for text and one for a number) – 5 pts
- If not all text fields have input, display an error message – 5 pts
- Keyboard dismisses with keyboard return button and background touch – 5 pts
- Segmented Control hides/shows view – 5 pts
- View with a slider & stepper including labels that update – 10 pts
- Button to create story (not on view) – 5 pts
- Action Sheet – 5 pts
- Alert View to display your story – 5 pts
- Story uses all inputs – 5 pts
- Story changes with switch – 5 pts
- Icon and other images included – 5 pts

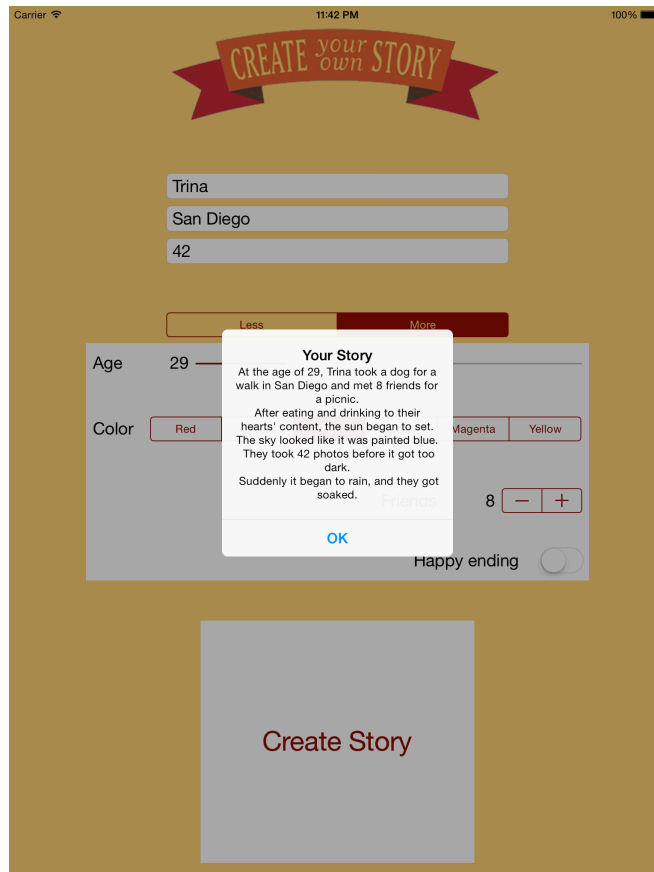
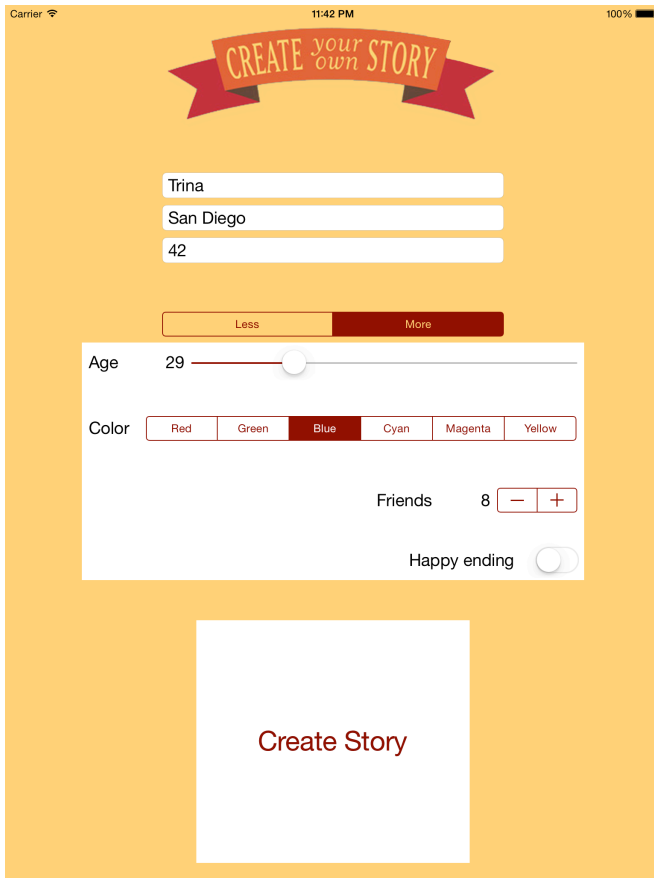
## **Other Info**

- iPad dimensions: 768 x 1024 (1536 x 2048)\* pixels
- iPad icon image: 76 x 76 (152 x 152)\* pixels
- In your project, add both image files for the header image.
- In Interface Builder, select the low resolution image.

\* High resolution in parenthesis.







Carrier 9:39 PM 100%

# MAD LIBS™

*World's Greatest Word Game*

Name

Favorite Place

Action Word

Age

Carrier 9:41 PM 100%

# MAD LIBS™

*World's Greatest Word Game*

Nathan

Scotland

sing

23

Pick a number between 0 and 100:

42

What is your favorite animal of the following?

How many pets do you have? 17

Happy Ending ☐

Carrier 9:41 PM 100%

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*World's Greatest Word Game*

Nathan

Scotland

sing

23

Pick a number

42

What is your favorite animal of the following?

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Happy Ending ☐

Carrier 9:41 PM 100%

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