Alert Views

Alert Views

- Alert views are an easy way to display concise and informative information to the user.

- The kind of UI that is displayed in a UI Alert Controller is specified by the controller's `preferred` style when creating the controller

- You customize the UI by identifying what buttons or text fields you want to include

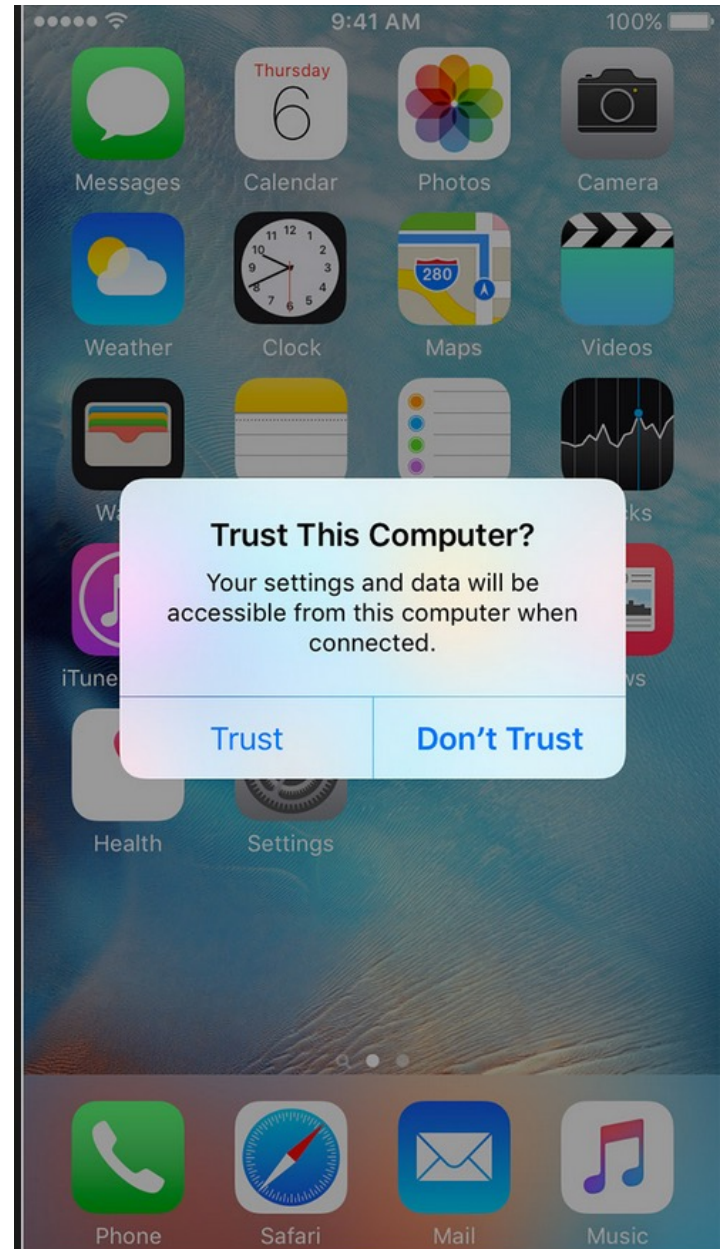The primary classes used in an Alert are:

- `UIAlertController`
  is a VC that displays an alert message to the user

- `UIAlertAction`
  represents an action that can be taken when tapping a button in an alert

You create a `UIAlertController` object first, and then add as many `UIAlertAction` objects as needed, typically based on the number of buttons defined.

`UIAlertController` Style Settings

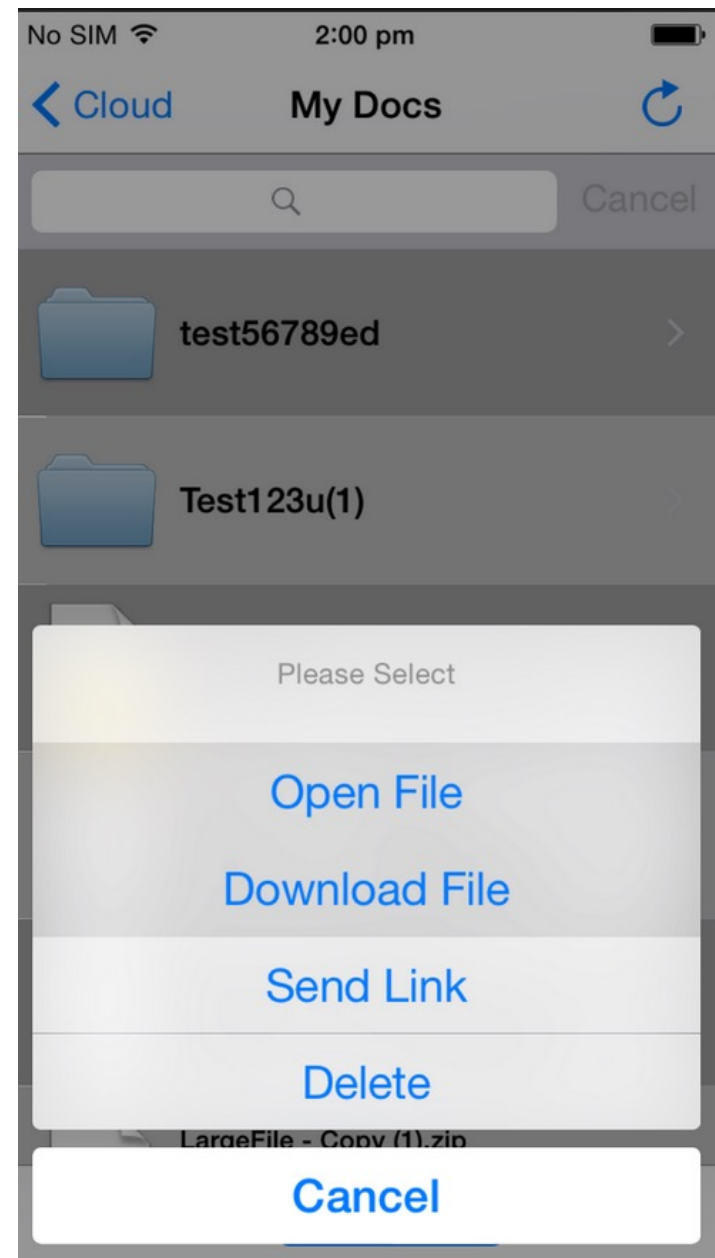*Alert*: a UI that displays over and grays out the current UI.

- "Trust" and "Don't Trust" are the two `UIAlertAction` objects.

`UIAlertController` Style Settings

Action Sheet: a UI that slides up from the bottom of the screen and grays out the current UI.

- In this example, there are five `UIAlertAction` objects.

- A `UIAlertAction` represents an action that can be taken when tapping a button in an alert

- You use this class to configure information about a single action, including
  - The *title* to display in the button
  - Any *style* information
  - A *handler* to execute when the user taps the button

`UIAlertAction` Style Settings

- *Default*:
  - Apply the default style to the action's button
  - Normal text

- *Cancel*:
  - Apply a style that indicate the action cancels the operation and leaves things unchanged
  - Can only have one of these. (App crashes if you define more than one for a given button)
  - Bold text

- *Destructive*:
  - Apply a style that indicates the action might change or delete data
  - Red text color