# Mobile Application Development

# lecture16

Fall 2011 - COP 4655 U1

T/R 5:00 - 6:15pm – ECS 134

Steve Luis

# Agenda

- Developing UI for iPad
- Drawing/Graphics

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# Why Special Considerations for iPad?

- Larger screen, Navigation Controller feels awkward.

- Held differently than phone

- Different orientations portrait/landscape w/ larger screen

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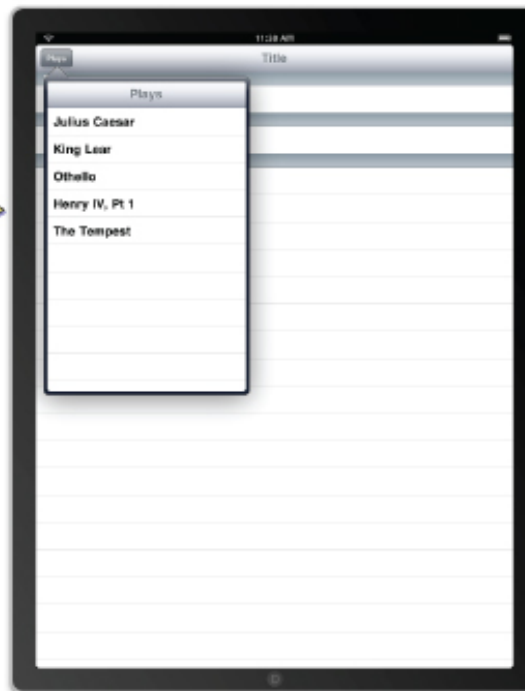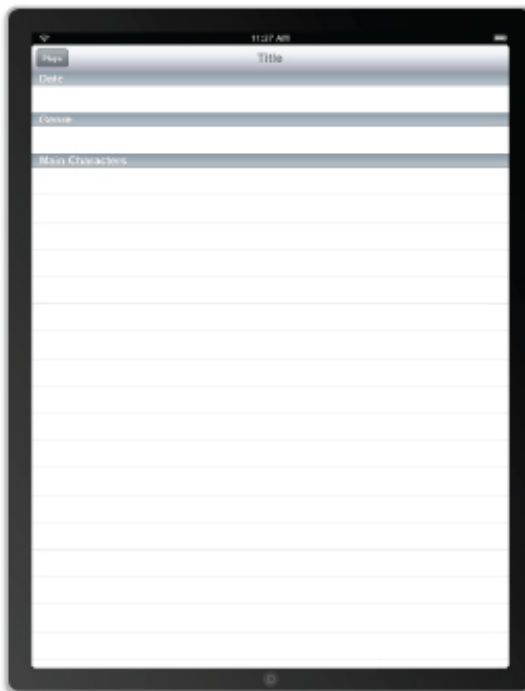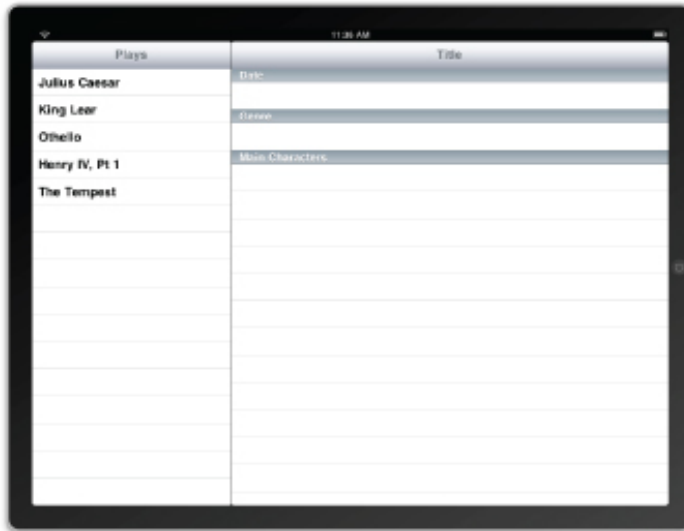
# Popover

- To display information about an object on the screen.
- To manage frequently accessed tools or configuration options
- To present a list of actions to perform on objects inside one of your views
- To present one pane from a split view controller when the device is in a portrait orientation
- UIPopoverController and <UIPopoverControllerDelegate>
- Add in View/Table or other controller
- Associate with a Toolbar Button

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# Split View

- Landscape:
  - Navigation: Left side. 320 pixel wide same as iPhone.
  - Content: Right side
- Portrait:
  - Content view displays whole screen
  - Navigation is popover via button on Nav. Bar.

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# Split View Programming

- View controller for popover and detail view.

- Rotations and other system-related behaviors are managed by the split view controller.

- Must be the root view of your application

- Use the Split Controller Template.

- Provides toolbar button to provide popover

- UISplitViewController
  UISplitViewControllerDelegate

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# Readings

- Apple Developers Library:
  - UISplitViewController
  - UISplitViewControllerDelegate
  - View Controllers Programming Guide for iOS
    - ipad-Specific Controllers

- Kochan, Chapter 18 Copy Objects

- Complete by Nov. 29nd

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