Mobile Application Development

lecture13

Fall 2011 - COP 4655 U1

T/R 5:00 - 6:15pm – ECS 134

Steve Luis

Agenda

- Tab Bars
- Pickers

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Tab Bar

- UITabBarController
- Allows user to select views from group of icons on the bottom bar.
- Each bar button is associated with a view controller/view.
- You can customize the buttons or use pre-selects
- Consider the Tab Bar as the root controller and each view as content controllers.
- There is a Xcode template you can use!
- Demo: Build the template

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Picker

- UIDatePicker – Variety of ways to pick date and time.

- UIPickerView- Provide a data source and delegate. Choose orientation

- Pickers don't hold data they use data source and delegate methods to fill UI elements.

- Data source and delegate are typically the same.

- Data is provided in a lazy loading fashion.

- <UIPickerViewDelegate> <UIPickerViewDataSource>

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Demo

- Date Picker

- Single Component Picker

- Multi Component Picker

- Dependent Components

- Custom Picker w/ Images

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Readings

- Apple Developers Library:
  - UIPickerView
  - UIDatePicker
  - UITabBar
- Complete by Nov. 14th

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