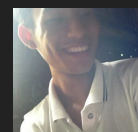




DAY 4

ANDROID DEV FTC 9

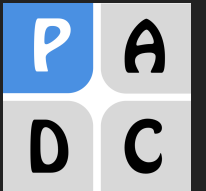


ကိုရဲပြည့်စုံထွန်း
@padc_myanmar



UI Components part 2

- * Toogle Button, Switch, Seekbar, RatingBar
- * Progeressbar, Spinner, AutoCompleteTextView
- * DatePicker, TimePicker



Toogle Button

* textOff, textOn

Switch

* switchMinWidth

SeekBar

* Progress, max, indeterminate

RatingBar

* numStars, rating



Progressbar

* minHeight, minWidth

* Style

Spinner

* Entries

AutoCompleteTextView

* Adapter



DatePicker

- * Complete calendar Or Show dates in spinner view
- * datePickerMode, calendarViewShown
- * getDayOfMonth, getMonth, getYear
- * DatePickerDialog

TimePicker

- * Complete clock or show hour + minutes in spinner view
- * timePickerMode



- * Android App is a collection of Activities
- * Single Activity trend
- * Main Activities could be the Starting-Point of the app based on the Use-case



Creating New Activities

- * Creating layout
- * Linking the Logic
- * Register in AndroidManifest



Intent Filters

- * Android App ဆိုတာ တစ်ခုည်းအားဖြင့် Group of Activities
- * Starting Point of a Use-case



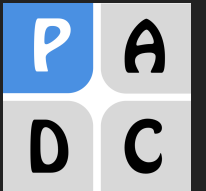
Intent

- * A Component used to start another component (what is Intent?)
- * startActivity, **Services** or fire the broadcast to Start the Broadcast Receiver
- * Explicit Intent
- * Implicit Intent



Intent Types

- * **Explicit Intent** : to start next Activity on your own App
- * **Implicit Intent** : declares a general action to perform -> allow a component from another app to handle it



Simple Explicit Intent

`</code>`



Implicit Intent

- ▶ nature of the **action** to perform.
 - ▶ ACTION_VIEW, ACTION_SEND.
- ▶ the **data** specify the action in details – setData (**URI**), setType (**MIME**), setDataAndType.
- ▶ **category** - additional information about the kind of component that should handle the intent.
 - ▶ CATEGORY_BROWSABLE.
 - ▶ CATEGORY_LAUNCHER



Implicit Intent

- ▶ Extras.
 - ▶ Key-value pairs. Additional Data.
- ▶ Flags.
 - ▶ metadata for the intent.
 - ▶ instruct the Android System how to launch an activity.



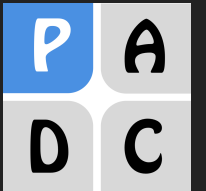
Getting the Image from Device with Implicit Intent

- * Attributes of anonymous inner class
- * Type
- * `startActivityForResult`

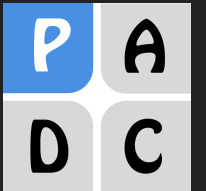


Showing the Selected Image

- * onActivityResult
- * Attributes and Its Specifier



What can we do with Implicit Intents



Show the Route on Map

- * data
- * resolveActivity



Static Factory Method in building Intent

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Passing Data with Explicit Intent

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Returning Data to previous Activity

`</code>`