

Practical Assessment

Read the requirements thoroughly, answer the questions, and submit your answers as instructed below.

Requirements:

Design and build an app to demo the use of different types of implicit intents, including the following in a **single activity**:

Add Calendar Event (40%): Create proper UI and logic to add calendar event with the following fields (to get event details from user):

- Event title
- Start time
- End time
- CheckBox for “All Day Event” (if checked, start time and end time will be neglected)
- Event description
- Emails of invitees (may be a single line of comma separated emails)
- Switch view for access type (private or public access)

Then add the calendar event to the phone calendar app using an implicit intent when “ADD EVENT” button is clicked

Capture a photo and show it in the app (40%): Pressing a “Capture” button will start an intent that opens the camera to take a photo and store it in a predefined location. The result of the intent (the photo) will be displayed in an ImageView.

One more intent of your choice: (20%): Demo the use of a new implicit intent (not one that we used before).

Tweak the design to look professional, write and refactor the code to be more professional, and validate your data/execution paths.

Submission details:

- From Android Studio -> File menu, export your project as zip file, name it StudentID_StudentName_Implt.zip
- Copy all of your codes (java and XML) to a new word document, name it as above, and add 9+ snapshots (of your app and the invoked apps by your intents) to the document
- Submit both your app zip folder and document in Blackboard by the due date

Rubric

	Unsatisfactory (0-40%)	Satisfactory (40-60%)	Good (80%)	Excellent (100%)
Requirements met 50%	<ul style="list-style-type: none"> Completed less than 50% of the requirements. Does not execute due to errors. 	<ul style="list-style-type: none"> Completed 50-60% of the requirements. Executes without errors. 	<ul style="list-style-type: none"> Completed 70-90% of the requirements. Executes without errors. 	<ul style="list-style-type: none"> Executes properly Excellent User Interface
Solution efficiency 20%	<ul style="list-style-type: none"> A difficult to comprehend UI, or Inefficient code 	<ul style="list-style-type: none"> Solution is good and easy to follow but efficiency can be enhanced, or Disorganized code 	<ul style="list-style-type: none"> Solution is efficient, Code is organized and easy to follow, good UI 	<ul style="list-style-type: none"> Efficient UI, design exceeded expectation excellent UI code
Design and Coding Standards 20%	<ul style="list-style-type: none"> Poor use of space, conventions, colours and standards Disorganized UI or code 	<ul style="list-style-type: none"> Acceptable use of space and colours Most standards and conventions were well followed UI is mostly organized. 	<ul style="list-style-type: none"> Good use of space and colours Standards and conventions were well followed Organized work. 	<ul style="list-style-type: none"> Excellent use of space and colours Standards followed Creatively designed and organized work
Delivery 10%	<ul style="list-style-type: none"> Not delivered in correct format (not submitted online, incorrect format...) No name, date, or title included 	<ul style="list-style-type: none"> Delivered on time, and in correct format (Word/ PDF/Zip etc) Includes name, date, title. 	<ul style="list-style-type: none"> Delivered on time, in correct format Includes name, date, and title 	<ul style="list-style-type: none"> Delivered on time, proper format Includes name, date, and title