Mobile\_Lesson7: Notification, Calendar,and Publishing Apps

ICP GROUP: 38

ICP 14

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ICP14 Repository: <https://github.com/UMKC-APL-WebMobileProgramming/ICP14-AnilkumarreddyNandikonda>

ICP14 source code link: <https://umsystem.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=ee2a79d9-16fe-494e-a783-adfd004ab1fd>

InsertCalendarEvent : <https://github.com/UMKC-APL-WebMobileProgramming/ICP14-AnilkumarreddyNandikonda/tree/main/Source%202/InsertCalendarEvent>

Sample Calendar App: <https://github.com/UMKC-APL-WebMobileProgramming/ICP14-AnilkumarreddyNandikonda/tree/main/Source%202/SampleCalendarApp>

Notification : <https://github.com/UMKC-APL-WebMobileProgramming/ICP14-AnilkumarreddyNandikonda/tree/main/Source%202/Notification>

ICP14 Video: <https://umsystem.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=ee2a79d9-16fe-494e-a783-adfd004ab1fd>

My Partner:

Partner name: Abhinay Yadav

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Partner Repository: <https://github.com/UMKC-APL-WebMobileProgramming/ICP14-YAbhinay>

Source Code Link : InsertCalendarEvent : <https://github.com/UMKC-APL-WebMobileProgramming/ICP14-YAbhinay/tree/main/Source/InsertCalendarEvent/app/src>

Notification : <https://github.com/UMKC-APL-WebMobileProgramming/ICP14-YAbhinay/tree/main/Source/Notification/app/src>

SampleCalendarApp : <https://github.com/UMKC-APL-WebMobileProgramming/ICP14-YAbhinay/tree/main/Source/SampleCalendarApp/app/src>

ICP14 video: <https://umsystem.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=ee2a79d9-16fe-494e-a783-adfd004ab1fd>

Lesson Overview:In this lesson, we are going to learn about Notification, Calendar,and Publishing apps to Google Play Store

Programming elements:Notification, Calendar,and creating APK file to publishapps to Google Play Store

In Class Programming (ICP):

Calendar View

1. Add calendar view to one of the Activities in existing projects(Hint: You canuseNotificationapp)

2. Display the current date,and when the user clicks on any date,then the date should be displayed as shown in the image

3. Create a calendar event

4. Generate signed APK for the source code.

* Creating Notification app, to hit a notification “SEND” button with notification sound

Text

Description automatically generated

* Here is the .xml file for notification app layout

Text

Description automatically generated

OUTPUT:

Click on “SEND” button so that message will be send to the user with a notification sound.

Graphical user interface, application, Teams

Description automatically generated

* Sample calendar :

When the user clicks on the date it will show up what user have selected.

Text

Description automatically generated

Text

Description automatically generated

* Here the .xml file for sample calendar layout

Text

Description automatically generated

OUTPUT:

In we can see that the user selected date.

Calendar

Description automatically generated

Calendar Event:

As the user selected the date then the user can create the event by filling all the data, it will be saved, and the event invitation notification can also be send to people.

Text

Description automatically generated

* Here is .xml for calendar Event layout.Text

  Description automatically generated

OUTPUT:

Calendar

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

* Generated APK bundle for the app

Graphical user interface, text, application

Description automatically generated