Mobile_Lesson7: Notification, Calendar, and Publishing Apps

ICP GROUP: 38

ICP 14

Name: Anil Kumar Reddy Nandikonda

Email: anggp@umsystem.edu

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

ICP14 source code link:

 $\underline{https://umsystem.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=ee2a79d9-16fe-494e-a783-adfd004ab1fd}$

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

 $Sample\ Calendar\ App: \ \underline{https://github.com/UMKC-APL-WebMobileProgramming/ICP14-AnilkumarreddyNandikonda/tree/main/Source%202/SampleCalendarApp}$

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

Partner Email: ayr6y@umsystem.edu

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

 $Sample Calendar App: \underline{https://github.com/UMKC-APL-WebMobile Programming/ICP14-YAbhinay/tree/main/Source/Sample Calendar App/app/src}$

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

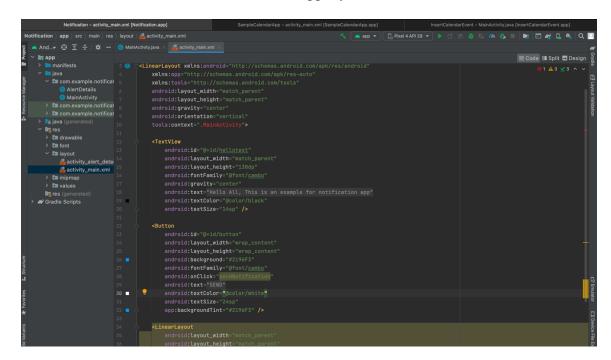
In Class Programming (ICP):

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

```
| Netfication Association | Properties | Netfication | Properties | Pr
```

• Here is the .xml file for notification app layout



OUTPUT:

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

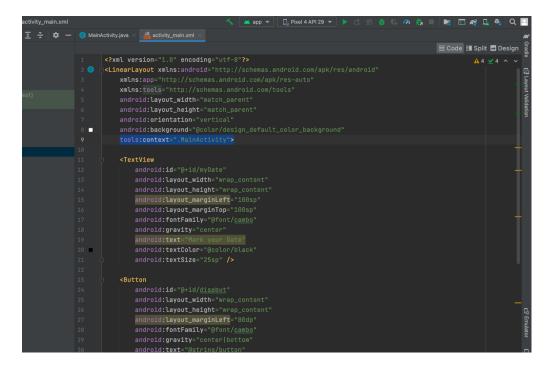


• Sample calendar:

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

```
| SampleCalendarApp - ManActivity java [SampleCalendarAppa.po] | International Process | ManActivity java [International Process | ManActivity java [International Process | ManActivity java [International Process | ManActivity available | ManActi
```

• Here the .xml file for sample calendar layout



OUTPUT:

In we can see that the user selected date.



 \blacksquare

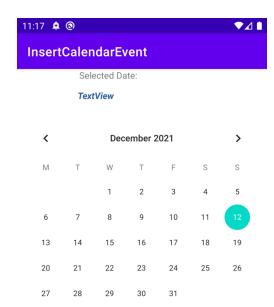
Calendar Event:

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.

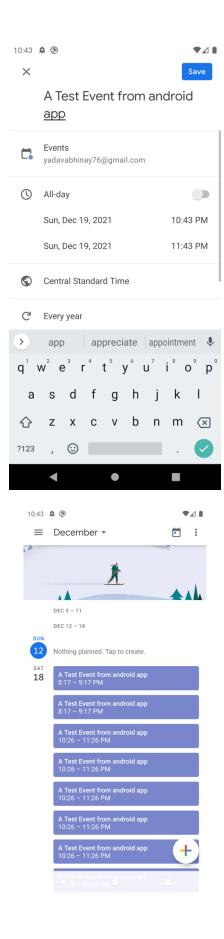
```
SampleClandorAnter, each interface method, year of method interface and provided and purpose of main laws come example interface interface and provided interface interface and provided interface i
```

• Here is .xml for calendar Event layout.

OUTPUT:



CREATE EVENT



• Generated APK bundle for the app

