

Mobile_Lesson7: Notification, Calendar, and Publishing Apps

Please do not forget to submit your feedback after the class. This feedback helps a lot in increasing the effectiveness of the course. Use the related Canvas survey to submit your ICP # and feedback

Lesson Overview:

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

Use Case Description:

1. Creating a basic notification
2. Display Event and Insert Event

Programming elements:

Notification, Calendar, and creating APK file to publish apps to Google Play Store

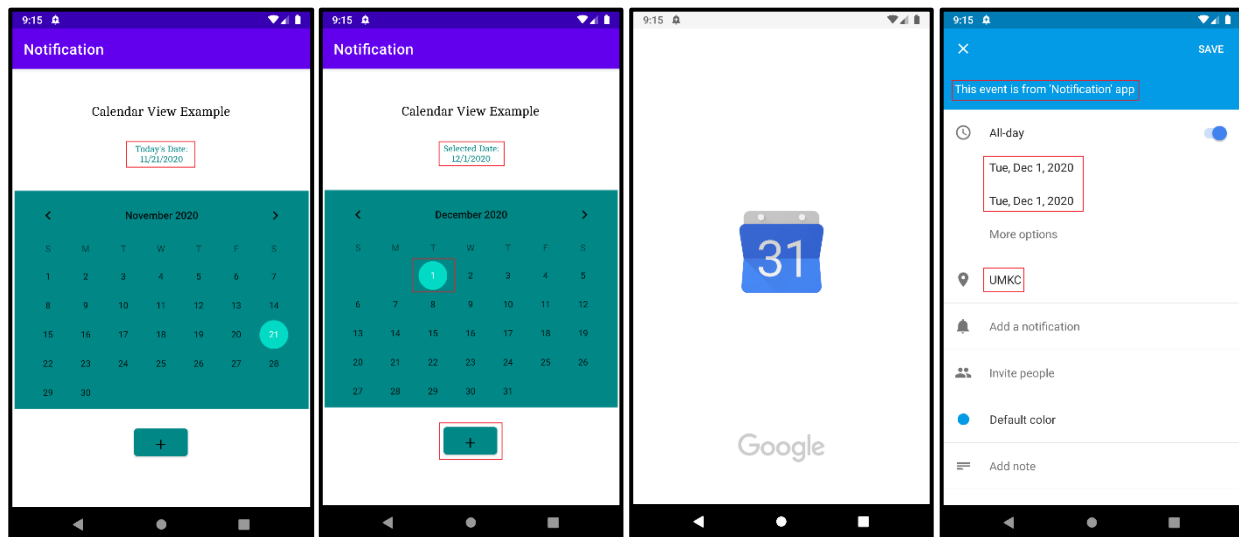
Source Code:

<https://umkc.box.com/s/lwp3vc9m2rreifx4vcm3y1z1w5qh7uq>

In Class Programming (ICP):

Calendar View

1. Add calendar view to one of the Activities in existing projects (**Hint:** You can use Notification app)
2. Display 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



ICP Submission Guidelines

1. ICP submission is an individual contribution
2. Submit your source code and documentation to GitHub and represent the work through the wiki page accurately (submit your screenshots as well. The screenshot should have both the code and the output)
3. Comment your code appropriately
4. Video submission (3 to 5 min video showing the demo of the ICP, with brief voiceover on the code explanation)
5. Submission after the due date is considered as a late submission. (Check the 'Late Submission Policy on Assignments' in the syllabus)
6. Use the related Canvas survey to submit your ICP # and feedback

ICP Rubric Details

You can find ICP Rubric Details in both the Syllabus and Canvas ICP assignment.

Criteria	Novice	Competent	Proficient
Wiki page (25)	Basic wiki page. (≥ 0 to ≤ 5)	Wiki page with the required details. (> 5 to ≤ 15)	Wiki page with all details and making it easy to follow and understand. Visually looking good. (> 15 to ≤ 25)
Video (25)	Basic video. (≥ 0 to ≤ 5)	Video with the required details. (> 5 to ≤ 15)	Video with all details and making it easy to follow and understand. Annotated with the subtitles. (> 15 to ≤ 25)
Completeness of given assignment (25)	It is partially solved. (≥ 0 to ≤ 5)	Completely solved. (> 5 to ≤ 15)	It is solved efficiently. (> 15 to ≤ 25)
Code Quality (It is relative) (10)	Refer to the best coding practices page. (≥ 0 to ≤ 5)	Refer to the best coding practices page. (> 5 to ≤ 8)	Refer to the best coding practices page. (> 8 to ≤ 10)
Commenting the code (10)	Not useful comments. (≥ 0 to ≤ 5)	Slightly appropriate comments. (> 5 to ≤ 8)	Appropriate comments. (> 8 to ≤ 10)
Time of submission	Submission after the due date. Check the 'Late Submission Policy on Assignments' section in the syllabus	Submission on the deadline. No score will deduct from the obtained score.	Submission before the deadline. No score will deduct from the obtained score.

Submission (including feedback) (5)	Submission with partial details. (≥ 0 to ≤ 3)	Submission with the essential details. (> 3 to ≤ 4)	Submission with all the details. (> 4 to ≤ 5)
Total	Minimum = 0		Maximum = 100

Note: Cheating, plagiarism, disruptive behavior, and other forms of unacceptable conduct are subject to strong sanctions under university policy. See detailed description of university policy at the following URL: <https://catalog.umkc.edu/special-notice/academic-honesty/>