

## Project 8-2:

### Application title: Appalachian Trail Festival Tablet App

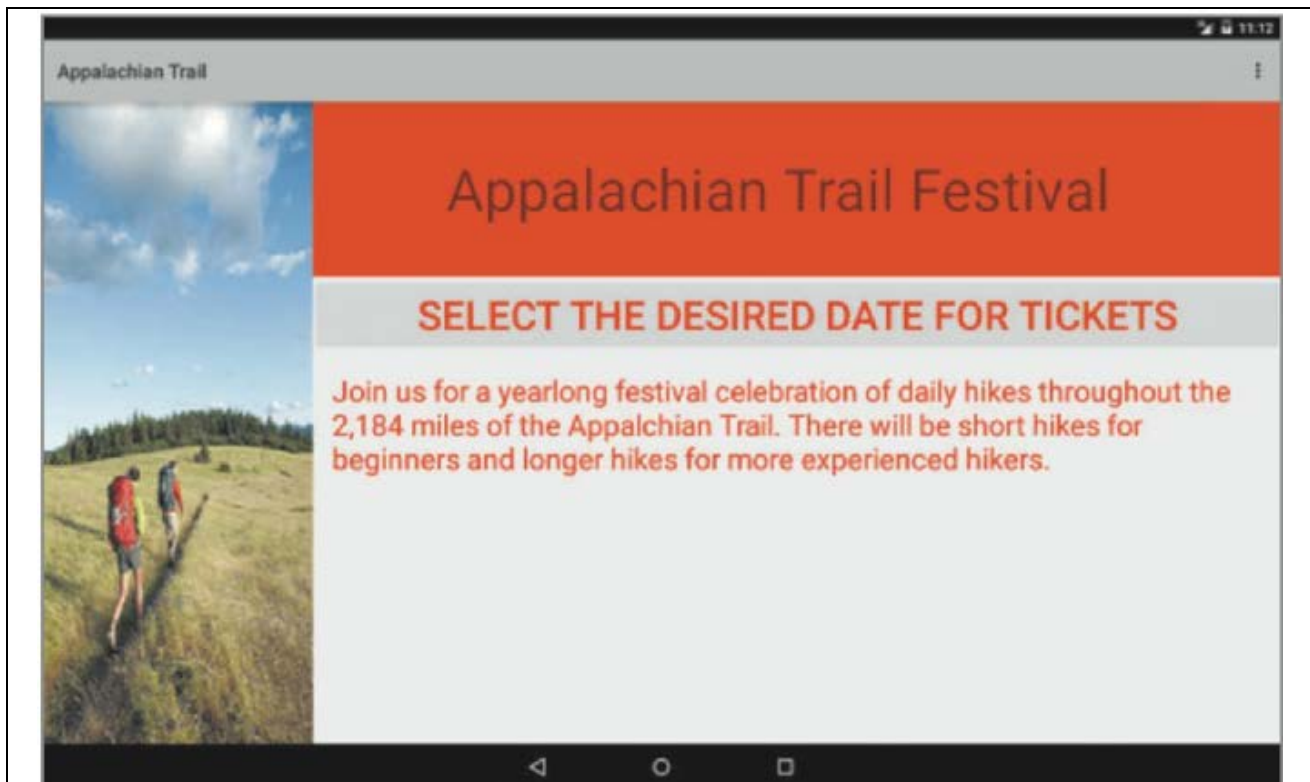
**Purpose:** The Appalachian Trail Festival would like an Android tablet app that displays a title and event description. When the user taps a button, a calendar for reserving a ticket for the festival appears. The date is then shown as available for a reservation

### Algorithms:

1. The opening tablet screen displays an image, a title, an event description, and a button to create a reservation for a day at the festival
2. When the user taps a button, a DatePicker is displayed in a dialog box. The dialog box allows the user to select the date to attend the year-long festival.

### Conditions:

1. The picture is provided to you.
2. Write your own description of the festival.
3. Research the hexadecimal color for red.
4. Use the Theme.Black theme.
5. Use a Table layout with four rows within a Linear layout.



# Appalachian Trail Festival



Join  
2,184  
begin

FOR TICKETS

ily hikes throughout the  
be short hikes for  
ed hikers.

Today

APR  
4  
2017

April 2017

| S  | M  | T  | W  | T  | F  | S  |
|----|----|----|----|----|----|----|
|    |    |    |    |    |    | 1  |
| 2  | 3  | 4  | 5  | 6  | 7  | 8  |
| 9  | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 |    |    |    |    |    |    |

CANCEL OK

FOR FESTIVAL TICKETS ARE AVAILABLE ON APR 4, 2015

## **Steps to a successful App.**

1. Don't forget to create your Keys and Values in the Strings.xml file
2. Don't forget to link the Keys and Values to their actual Components in the Properties
3. All the design happens in the activity\_main.xml
4. All the code for the Events (i.e. Buttons) is done on the MainActivity.java file
5. All pictures and media go inside the Drawable folder
6. To Import classes use Alt-Enter
7. Save and test your work frequently
8. Sync your work frequently

