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Week 5 – Feature Files

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1. Nov 2020 < https://plandora51897980.wordpress.com/2020/11/01/week-5-feature-files/>

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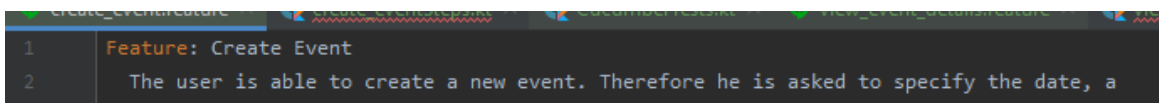
In the fifth week, we wrote two Gherkin files to continue the specification of our use cases. Those files are helpful to get an understanding of the exact proceeding. More importantly, they are used to automate tests. In order to achieve this, we added the files to our Android Project and added the required dependencies offered by the testing framework **Cucumber < https://www.jetbrains.com/help/idea/cucumber-support.html>** .
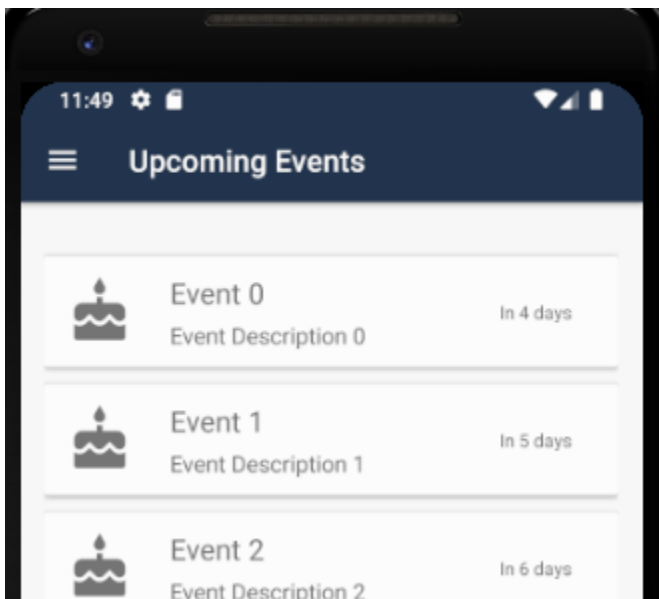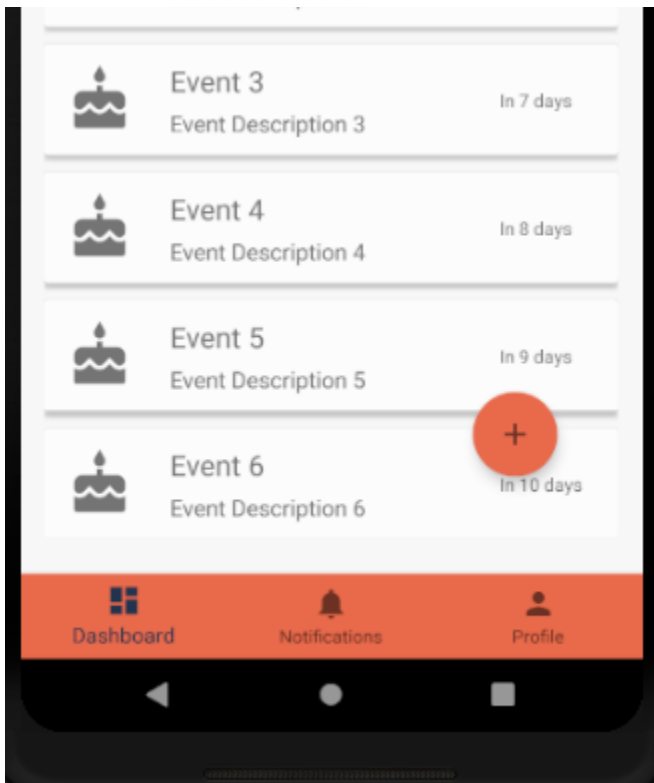
This is how the files look like in Android Studio:

```
 3              title, the category and whether the event is annual or one-time.
 4
 5    ┌    Scenario: event successfully created
 6           Given the user is on CreateEventActivity
 7           When the user enters valid data
 8           And the user clicks submit
 9           Then a new event is created
10    ┴     Then the user lands on Dashboard
11
12    ┌    Scenario: failed to create event
13           Given the user is on CreateEventActivity
14           When the user enters invalid data
15           And the user clicks submit
16    ┴     Then the user gets error message
17
18    ┌    Scenario: event creation is aborted
19           Given the user is on CreateEventActivity
20           When the user clicks back button
21           Then the user lands on Dashboard
22    ┴     Then the data already entered is stored as draft
```

Development Progress

In the last week, we also added a RecyclerView to the MainActivity to display upcoming events. For now, it is only filled with dummy items, but the code is already designed to add or delete items during runtime. Again, there will be further changes in the design.

Further Progress

- We improved our Activity Diagram so that it should be more clear now. It can be found **here < https://github.com /PlandoraDocumentation/blob/main/UCD/UCD_final.png>** .

- We started to specify one more **use case < https://github.com /Honrix/PlandoraDocumentation/blob/main /UCS/03_Filter%20upcoming%20Events /Filter%20upcoming%20Events.md>**

Feel free to leave a comment! If you have any questions or suggestions, let us know!

Best regards

Plandora-Team

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