

# CENG427-Programming Mobile Devices

## Homework-2

In this homework, you need to develop an application consisting of three information below in tab view (see Fig. 1) in Android Studio with min SDK=19.

- YBU food-list (<http://ybu.edu.tr/sks/>)
- Computer Engineering Announcements (<http://ybu.edu.tr/muhendislik/bilgisayar/>)
- Computer Engineering News (<http://ybu.edu.tr/muhendislik/bilgisayar/>)

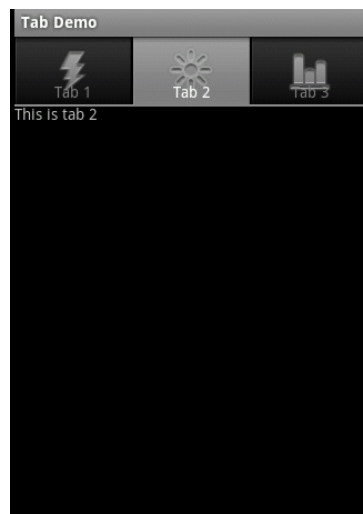


Figure 1: Tab view

In the first tab, users can see daily food-list from the menu. In second tab, users can reach announcements that is published in the given web-site. If users click one of the announcement, then the application should navigate user to that announcement. Finally, in the third tab, users can display news and should also navigate to related new as in second tab.

You can design your own UI. You need to use Fragments in the tabs. You can use Jsoup or any library to accomplish the task. Evaluation of the homework will be accomplished in following criteria's:

- 1) (20p) UI Design. It should be simple and attractive. You can use animations.
- 2) (20p) Food-list
- 3) (20p) Announcements list
- 4) (20p) News list
- 5) (20p) Navigating to related announcements or news.

It is highly recommended to use version control system. You can create a GitHub account for free and use online versioning. It is not obligatory. You have to send your application source code **or** GitHub URL (recommended) and **APK file** to [ybucengsubmission@gmail.com](mailto:ybucengsubmission@gmail.com) with attaching screenshots of each activity or a very small video containing all activities (recommended).

**Deadline: May 5, 2018, at 23:59**

**Late submissions will be punished as -25 points for each day. Please be careful about timing. Do not copy any part from your friends. If you do so, the homework will be graded as 0.**