# Mobile Application Development

Assignment # 4

## Deadline: 2/01/2023

**Q1. Create an android application fulfilling the following requirements:**

**A. Design Options Menu as shown in Figure 1.**

**B. When Settings option is selected from options menu in Activity 1, Open Settings Activity Shown in Figure 2. In Settings Activity Save Age Unit and Color in Shared Preferences.**

**C. When Button “Calculate Age” is clicked, Calculate the age according to the Unit Saved in SharedPrefernces and show the value in the Fragment right below the Calculate Age Button, Color of the value must also be the same as saved in sharedPreferences.**



My App

About

Contact

My App

Figure 1: Activity 1

Settings

Birth Date:

Age Unit

12-20-1970

Days

Days

Calculate Age

Months

Years

Age in **Days**

Color

6540

Red

Red

Green

Save

Blue

Figure 2: Settings Activity

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