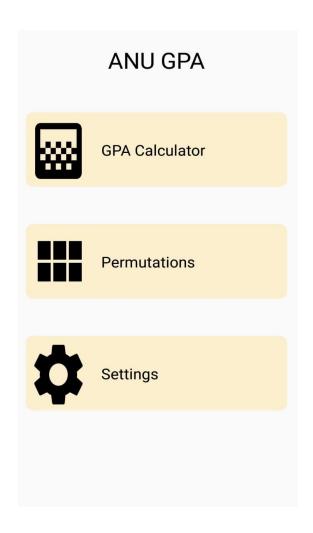
## <u>Manual</u>

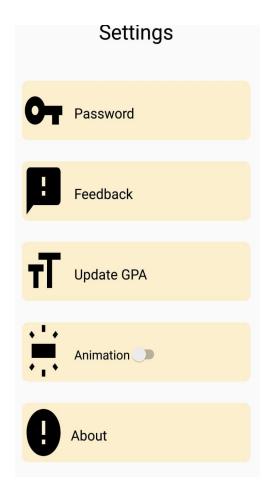
## Getting started with the app:



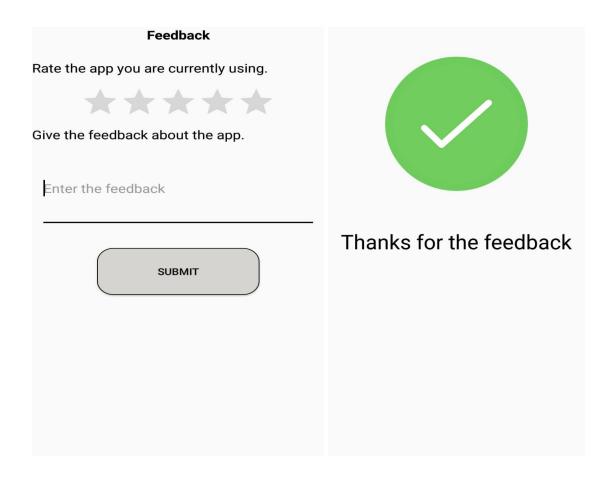
This is the home screen of the app. Here, animation has been used for college going student. Here, there are no functionalities for the user.



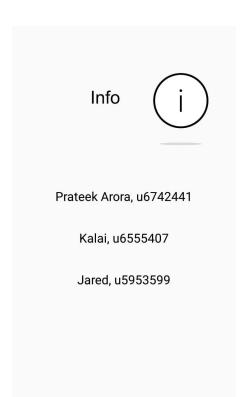
This is the main activity formed after the loading screen. So, there are 3 functionalities in which all app can be described. So, over here, GPA calculator calculates the GPA of a person whereas, in permutations, you add your desired GPA so that list can be printed which shows the way to achieve your particular grade. Settings have some functionalities which can be used by the user to lock the app, give the feedback and many other features. More about the settings can be seen on the next page.



So, when the settings button is being clicked, then the same template will appear as above. So, in this, Password's, functionality is to set the password for the app for the privacy of an individual. Feedback helps us know better about how much the user liked the app and can give the suggestion if he wants to. If clicked on the Update GPA, it will open an template which will ask for your marks for the new semester and will update the GPA accordingly. Animation button will just switch the animation on and off. About tells about the creator of the application.



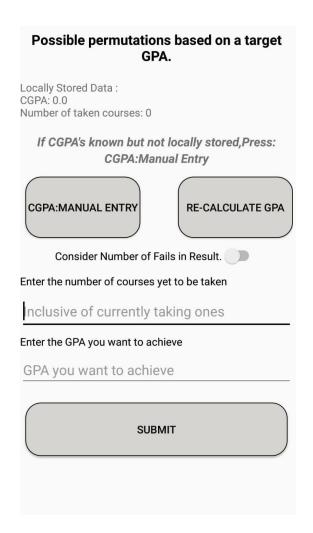
If you click on the feedback, then the above screen will appear and you can type the feedback and once you are done with that, just click on submit button and the screen right next to it will appear. We will be getting your feedback on which we will be surely working to make to more user-friendly for you and will provide the best service as possible.



When you click on the Settings >> About, then you can find the credits for this app.

## GPA Calculator Your GPA is: 0.0 Enter the count of courses in which you got HD Number Of High Distinctions. Enter the count of courses in which you got D Number Of Distinctions. Enter the count of courses in which you got C Number Of Credits. Enter the count of courses in which you got Pass Number Of Passes. Enter the count of courses in which you got Fail Number of Fails or equivalents.

You can get this screen when you click on GPA calculator, the screen given above will open. So, over here, you can write the number of HD, D, C, P, F grades in the courses you have done. So, it will fetch your current CGPA. This will help know your GPA as well as you can get the idea of how much GPA is required to acquire your desired GPA and Permutation Calculator will help you in this which is explained below.



This is the main feature of the app which will help you in attaining your desired GPA. So, if you are starting the semester, then just type the number of courses to be taken and enter the GPA you wanted to achieve and the list of ways attaining that GPA will be printed. If you know your GPA, you can just click on the button for the CGPA-Manual Entry and then you can type your previous courses done, it's GPA, number of courses left to be done and GPA you want to achieve. So, after clicking on the submit button, you will get your desired result. There is also a switch in which you can switch the number of fails to turn on. By default, the value is set to off. So, in this, if you turn the switch on, then your result will include the number of fails also. Re-calculate GPA helps you in recalculating the GPA for the semester you have already done. So, that the will give the value of your current GPA which will be stored locally.