



**Government Polytechnic, Khamgaon**

## Pocket GPK : An Android Application

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# INTRODUCTION

- An application that contains following features:  
Provide notice to students also interact college website through app , also get important notes through “Pocket GPK”.
- This is the smart way to get notice from everywhere through this Application.
- The purpose of “pocket Gpk An Android application” is to automated the college system using online services and make one step ahead to digitalized the college management through the android smartphone which is available everywhere and easy handled .

# REQUIREMENT

## User Interfaces:

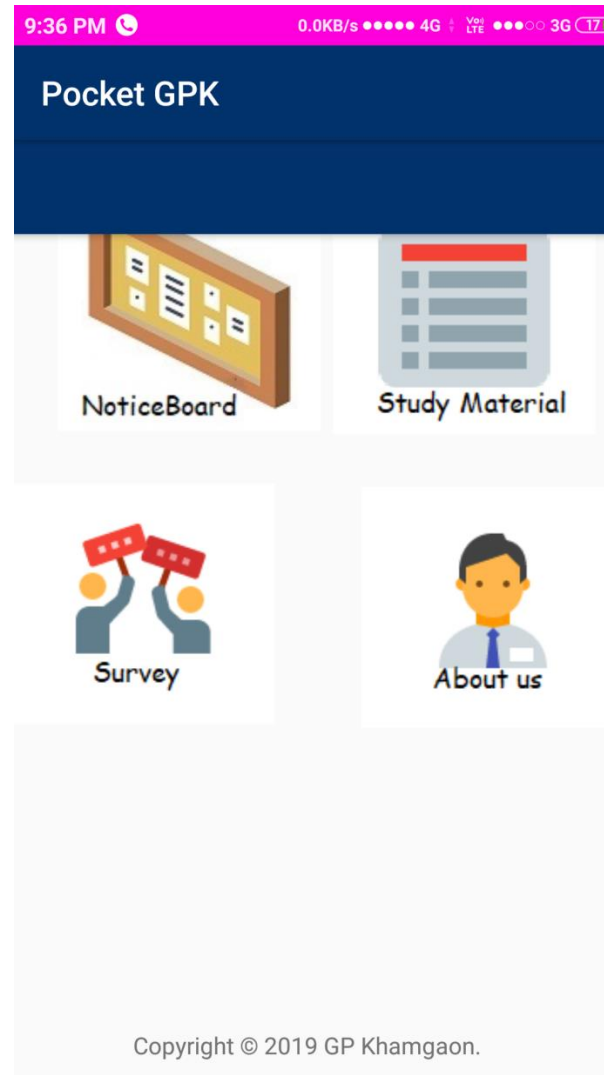
- ❖ 1.add document(Admin/Teachers)
- ❖ 2.Only Viewed(Students)

## Project Requirement:

- ❖ Software Requirement: Android Studio above
- ❖ Hardware Requirement: Android Smartphone.
- ❖ Operating System: Android
- ❖ Database : Firebase
- ❖ Upload the survey and notice through blogger and poll Everywhere



# OVERALL DESIGN



# OVERALL VIEW

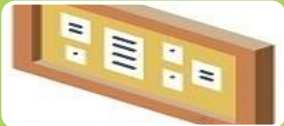
Function of each module are follow:



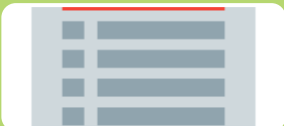
For Interact with College Website



For take attendance ,manage attendance and View the status of Attendance



Up-todate with Events and other major curriculum and non-curriculum activities



Study The material for find the PPTs,PDFs, Documentation file(.doc ), Tabular files (.xls) and previous years question papers get downloaded.

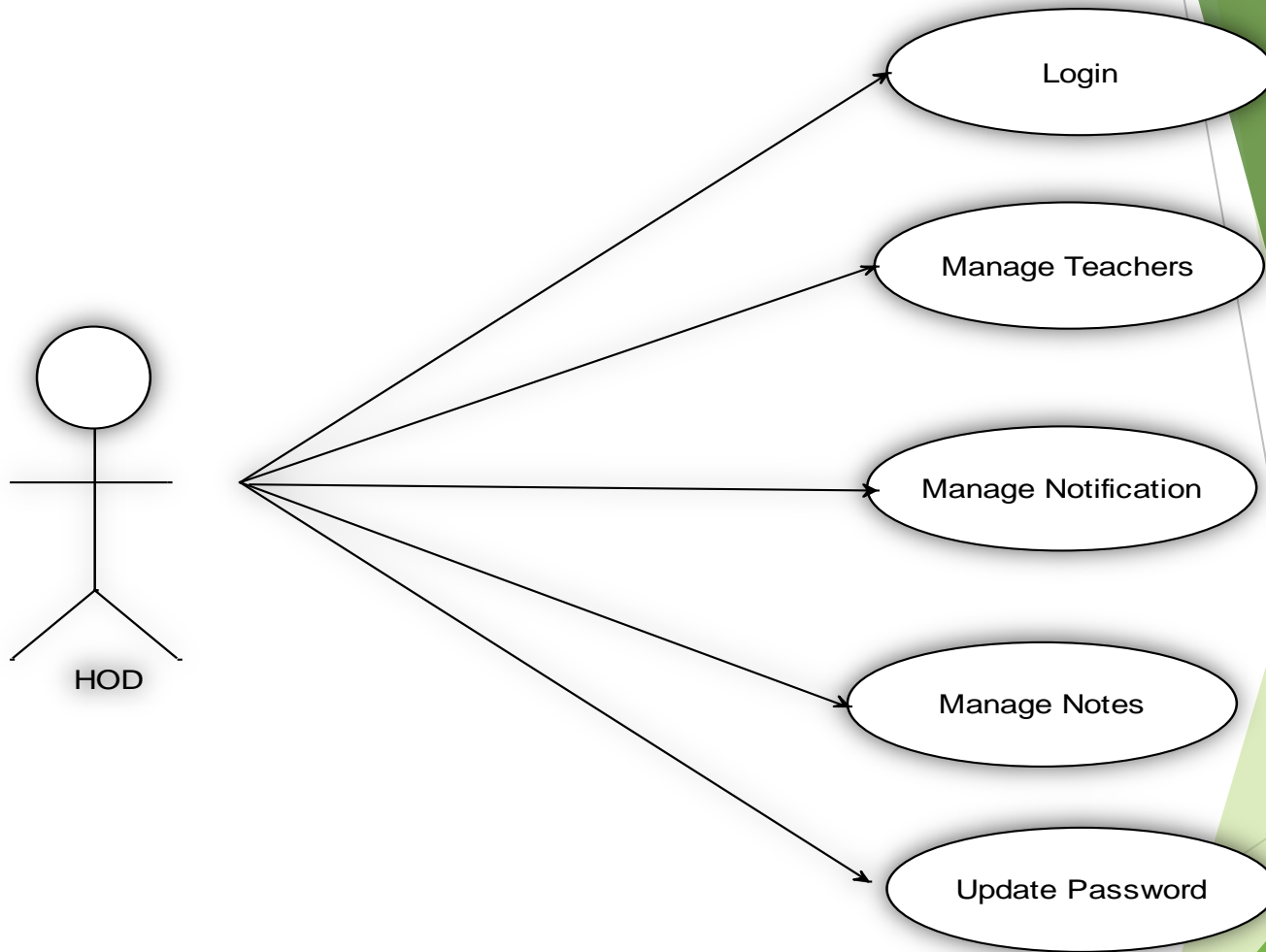


This is mainly to get or understand your mentality/interest through the surveys taken by Admin and Teachers.

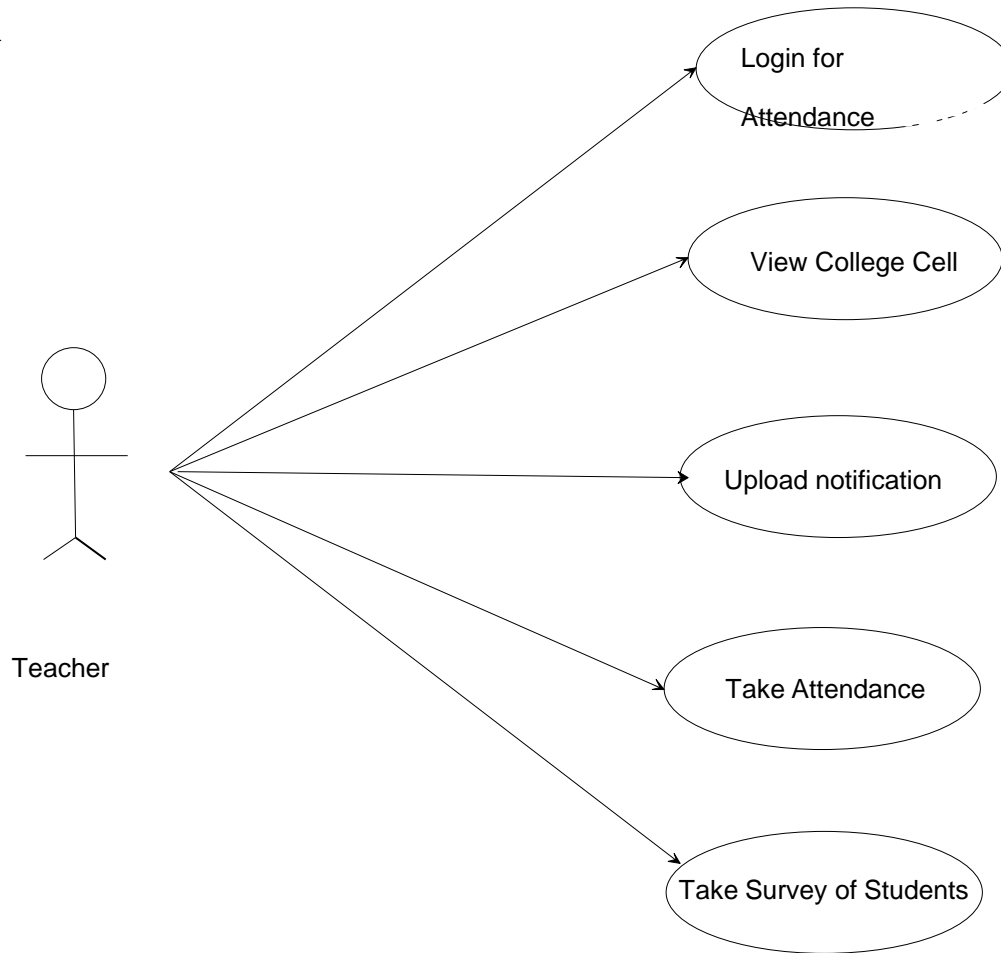


This is the activity that's define how is creator the application under guidance of Prof A.M. Andhare sir

# USE CASE DIAGRAM FOR ADMIN

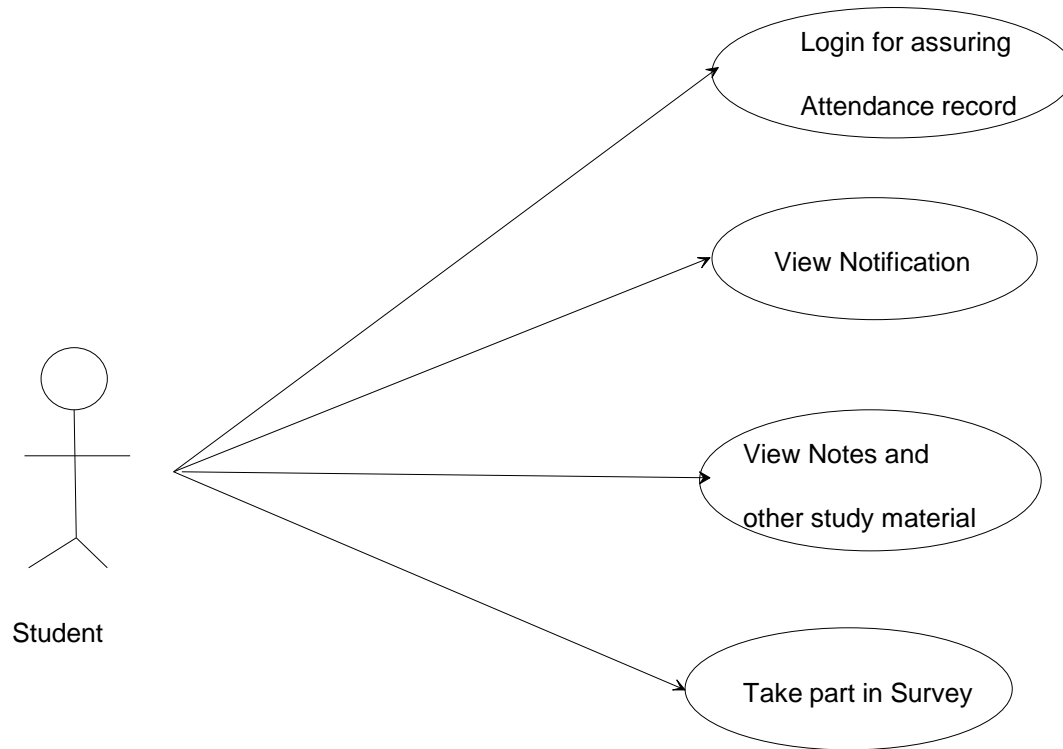


# USE CASE DIAGRAM FOR TEACHER

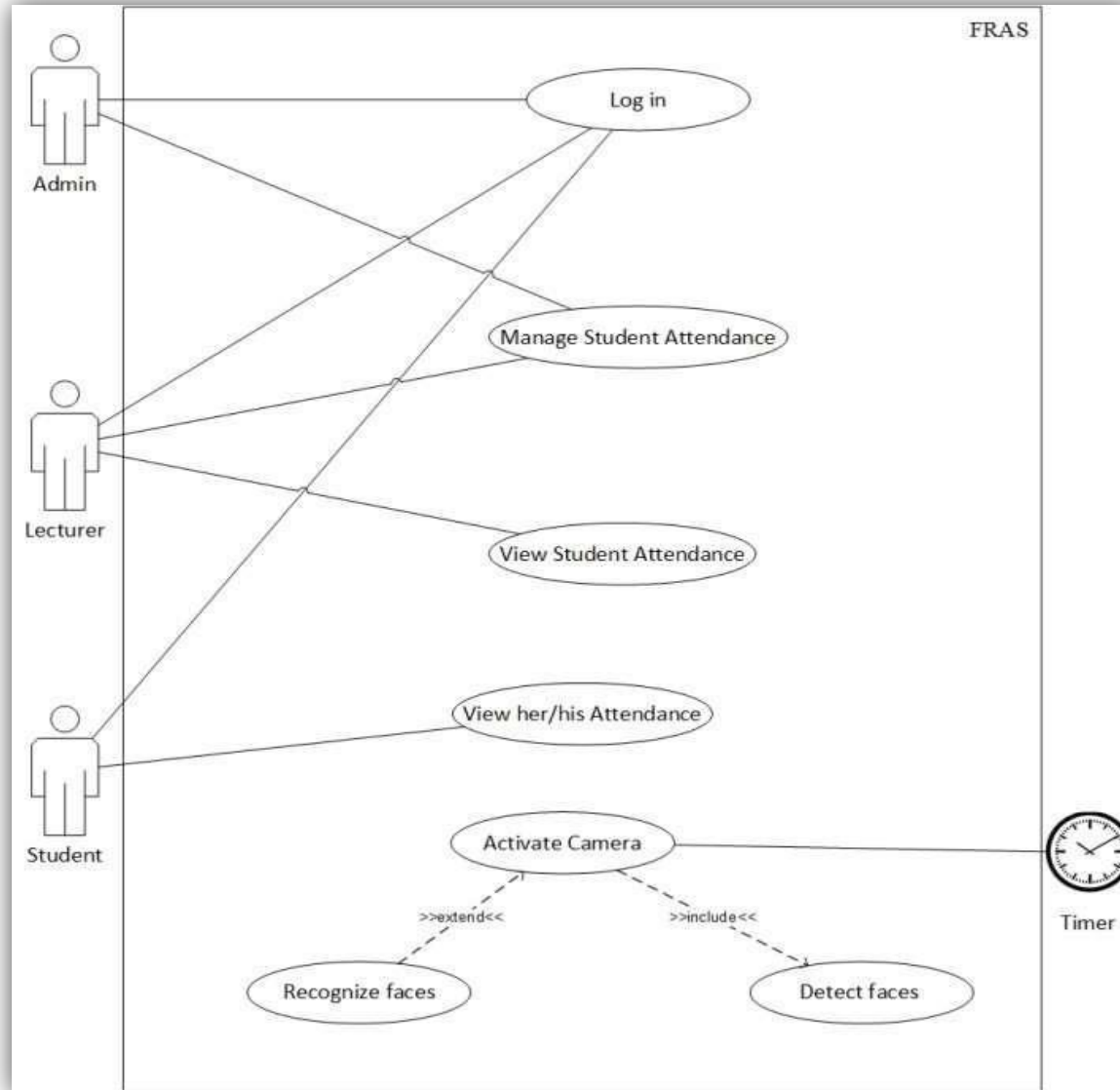




# USE CASE DIAGRAM FOR STUDENTS



# USE CASE DIAGRAM FOR e-ATTENDANCE



# BENEFITS

- ❖ Application is available on Android Smartphone.
- ❖ Teacher can upload notice from anywhere.
- ❖ As this's online it's available everywhere.
- ❖ Efficient way to manage attendance.
- ❖ To understand the opinions of students through survey questions.

# FUTURE PLAN

- we add Question papers MCQs online instance Check.
- Check coordination of students in curriculum and co-curriculum activities.
- Online classes through the concept of video conferencing.
- Online form fill-upper along with digital signature for verification uses SHA-1 Algorithm.

# CONCLUSION

- ❖ Diverse operating system.
- ❖ Help environmental solution.
- ❖ Not very time Consuming.
- ❖ Efficient.
- ❖ 24\*7 availability.
- ❖ Smart Way
- ❖ More efficient than website

*Thank  
For  
Given  
opportunity*