

WINTER 2017-2018

M.Tech Software Engineering, VIT University

Project Based Component

SWE2008 ANDROID PROGRAMMING

SLOT : C2+TC2

CLASS NUMBER: VL2017185003178

TEACHER 'S ASSISTANT ANDROID APPLICATION

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16MIS0407 – KAMESWER M

16MIS0432 - JAISURYA

05 April 2018

Faculty : SRINIVASAN P

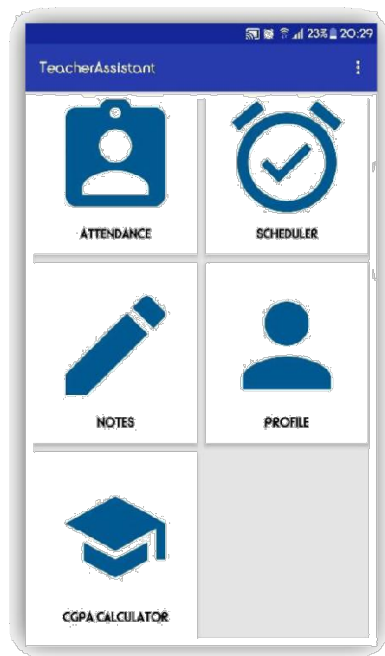
Android is the ideal platform for developing such an application due to the wide variety of devices it supports. It is one of the leading and one of the most popular Mobile OS platforms of recent times. Many manufacturers use Android OS in their Smartphone's due to its popularity, flexibility, user-friendly features, and it being an Open Source.

Due to increased focus on Android, it has become imperative for businesses to develop feature-rich and effective Android apps to reach wider audience. Android platform is extensively used to build dynamic and interactive mobile apps. It also offers large number of simple and easy-to-use tools to develop.

The Primary Objective of this project is for the Educating Community called Teachers. This Android app support basic functionalities such as adding student to each class/department, save notes, make schedules for classes etc. It also provides a CGPA (Cumulative Grade Point Average) calculator that basically calculate grade point average from the given grade points.

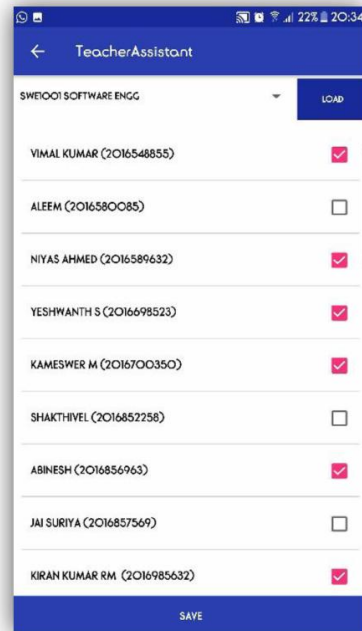
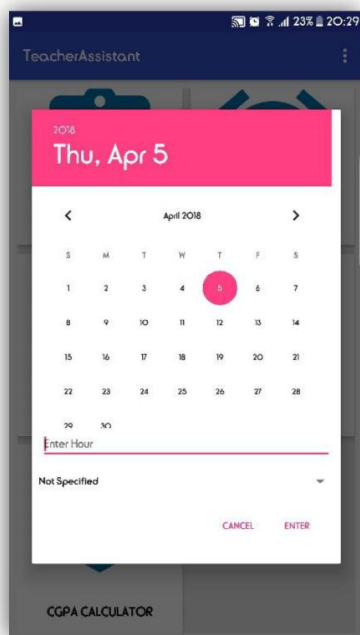
It contains totally of five components such as....

- The First Activity Contains a Grid view that provides the connection to basic activities
- The Attendance module is added to take attendance and store it in a database.
- The scheduler is basically used to schedule a particular event so that teachers won't be needing another application as reminder.

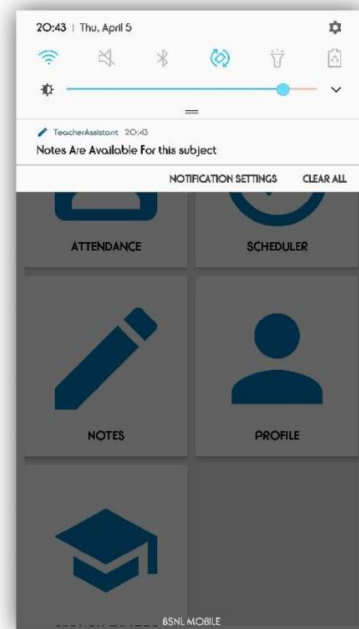
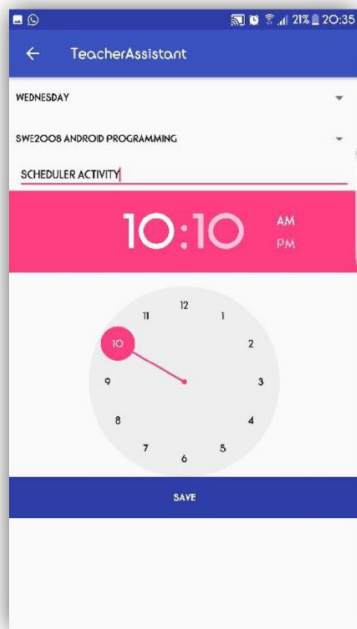


- ✓ Take attendance and keep them class wise
- ✓ Add New student. View each student's attendance separately
- ✓ Edit Student/Attendance later
- ✓ Save notes subject wise
- ✓ Automatic notification about notes available when the teacher takes attendance
- ✓ Schedule classes
- ✓ CGPA calculator
- ✓ Simple and Material designed interface

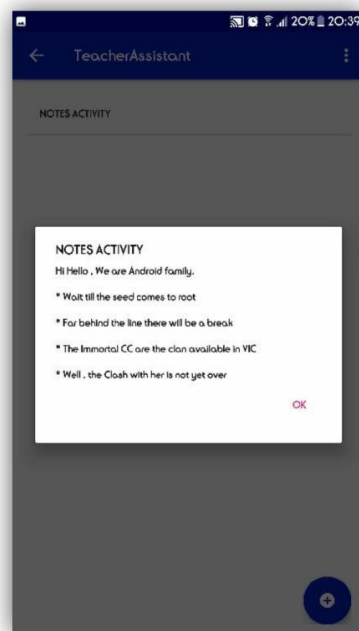
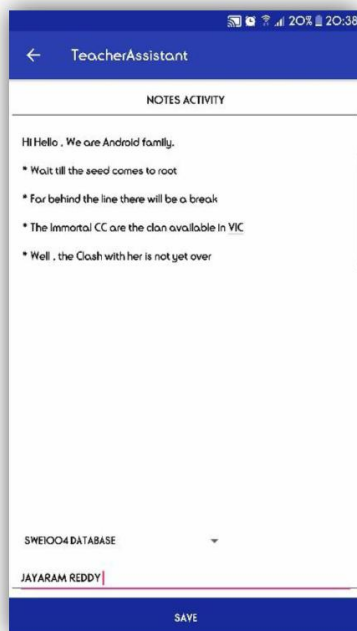
Attendance Activity



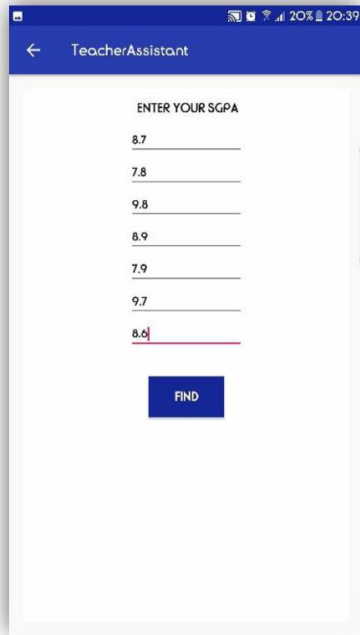
Notes Activity



Scheduler Activity



C.G.P.A Activity

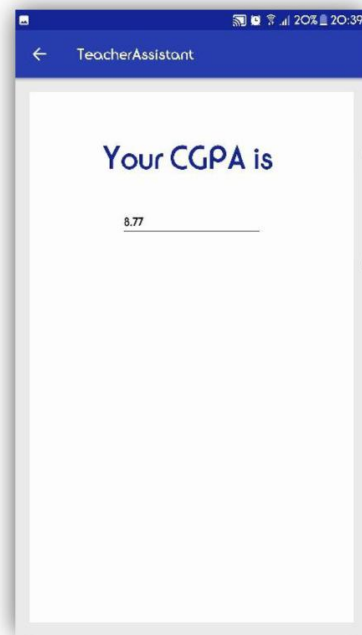


TeacherAssistant

ENTER YOUR SGPA

8.7
7.8
9.8
8.9
7.9
9.7
8.6

FIND



TeacherAssistant

Your CGPA is

8.77

At last we came to an end of the “ **Teacher’s Assistant Android – Based Mobile Platform Application** “. The above modules have been executed in front of the faculty.

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