

Project Umbrella

AIM

To create an interconnected portal for our academic lives and to provide functionality, not only to our own college, but extend our features to students across India. We at Project Umbrella have a single, unilateral vision, to create an irreplaceable environment where our students can work efficiently. We believe this is key in bettering the lives of the average Indian student.

WHY PROJECT UMBRELLA?

Within the first few days of college, we were immediately burdened with the constantly changing college schedule.

There were a lot of activities happening but not all were conveyed to us in a proper and efficient manner.

Moreover keeping track of our attendance and changing time table was proving to be a problem.

IDEA

To incorporate four main modules in Project Umbrella.

An **attendance manager** to ensure that the students can track their attendance and are well within the requirements, a dynamic **timetable** that can be changed as and when required, an announcement console and a marks calculator.

MARKSMAN

WHY?

The grading system requires a degree of its own.

WHAT IT DOES

It determines the marks one would need in the external exam to pass the subject or attain a target GPA, depending on the internal marks.



Internal Marks 25

Out of

40

Mode

Target

Target

60

Calculate



In Internals, you have

24.00/40

30.00/50

60.00%

In Externals, you need

56.00/60

93.33%

For a total of

80.00%

ATTENDANCE MANAGER

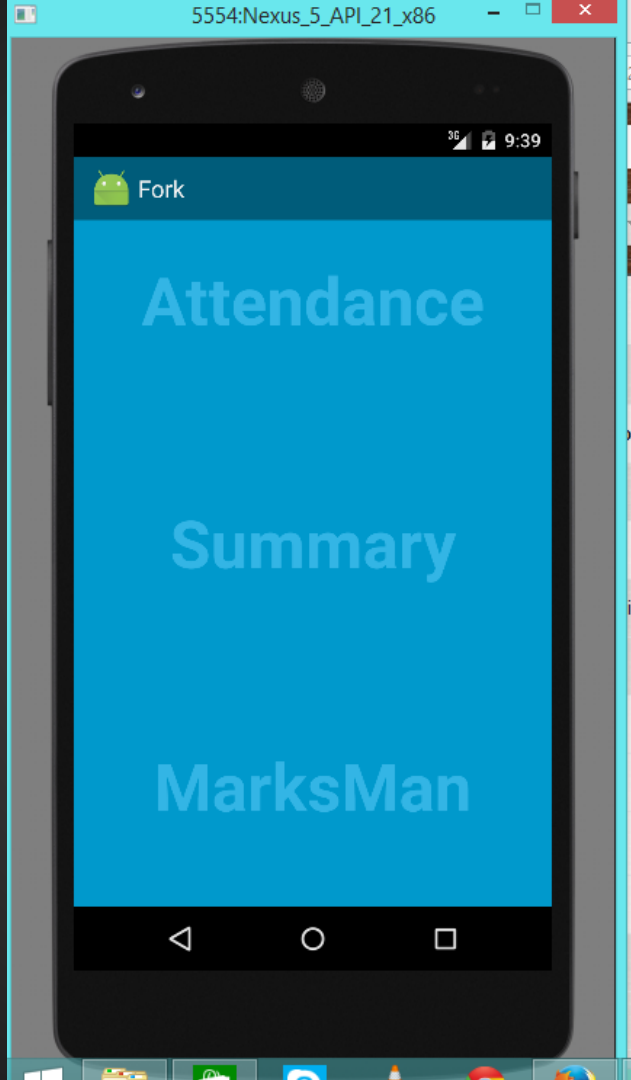
WHY?

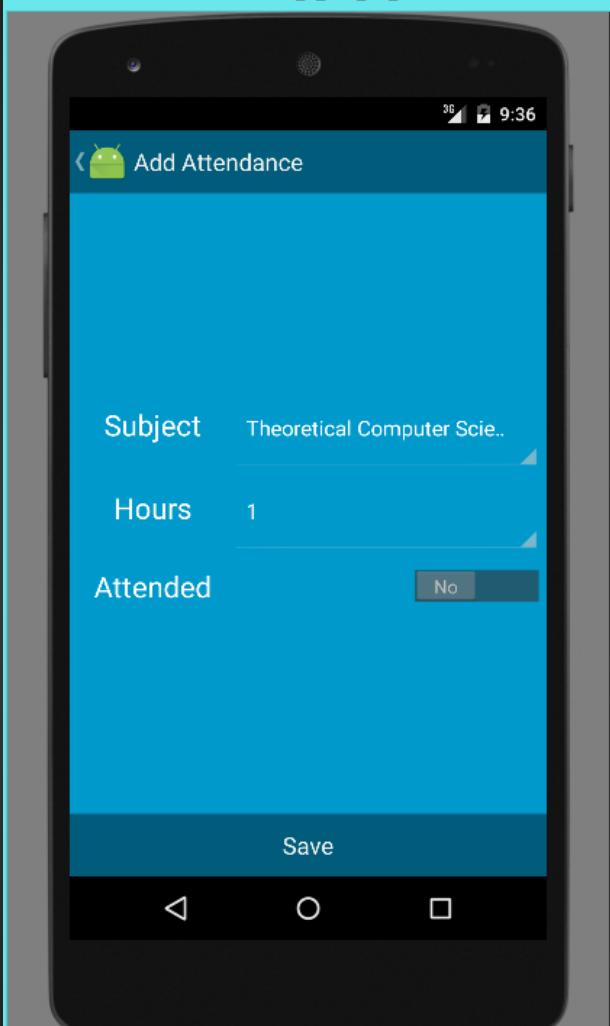
Keeping track of attendance for individual subjects is hectic. Moreover the college demands over 80% attendance overall, keeping up with which is a task.

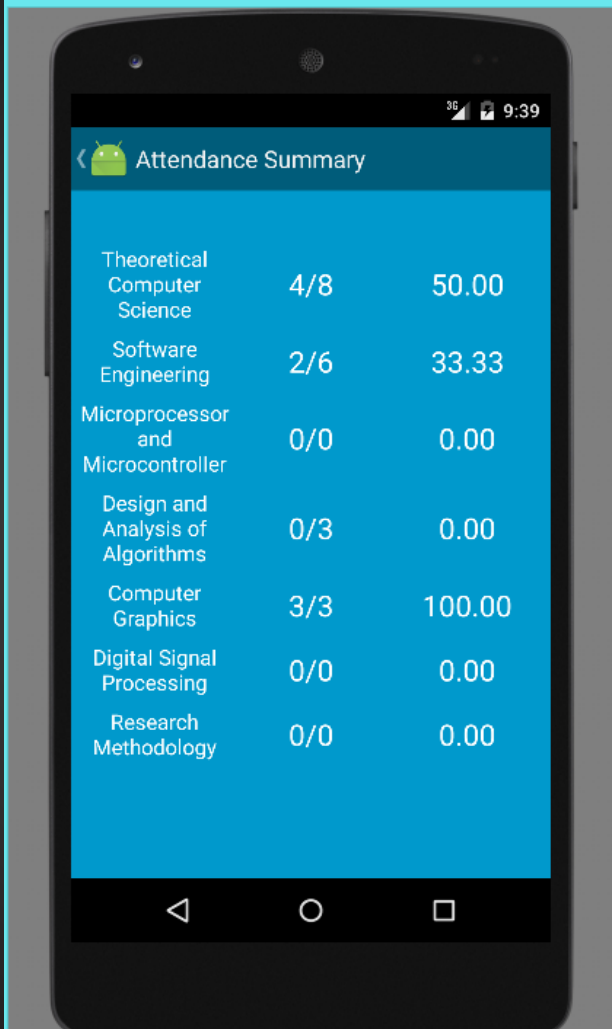
WHAT IT DOES

Post every lecture, one would need to update the manager with the number of hours conducted and if the student attended the lecture or not.

The manager then displays the attendance percentage based on the number of lectures conducted.







Attendance Summary		
Theoretical Computer Science	4/8	50.00
Software Engineering	2/6	33.33
Microprocessor and Microcontroller	0/0	0.00
Design and Analysis of Algorithms	0/3	0.00
Computer Graphics	3/3	100.00
Digital Signal Processing	0/0	0.00
Research Methodology	0/0	0.00

'For everything that could have been, well at least we took the ride...

There's no relief in bitterness, may as well let it die...'

ACKNOWLEDGEMENTS

We would like to thank our teacher, Ms. Poonam Gupta, for helping and guiding us

throughout our venture into the world of Android. This being our first ever attempt at creating an application, we did come across hurdles and faced a lot of difficulties. She devoted an ample amount of her working time towards solving our queries and difficulties, for which we are really thankful.

A special thanks to our HoD Mr.Dhirendra Mishra and our esteemed dean.