

ONLINE STUDENT'S PROJECT MANAGEMENT SYSTEM



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Introduction

Literature Review

Methodology
Presentation Outline
Design & Costing

Result & Discussion

Conclusion



Student



problem State

Coordinator



To analyze the efficiency of the existing management system with the application
Void. (Foo)

To develop an application which reduces the workload of student coordinator and
supervisor. (Jhanarthananraja)

Objectives

To enhance an intuitive and responsive user interface of the application to reduce
the complicity for users. (Sri)

To ensure the application runs smoothly with minimum bugs and errors. (Phang)



The application will only be available for Mechanical Department of Ungku Omar Polytechnic. (Foo)

The application will only be available for android
Scopes

The design of the application's user interface is done using Adobe XD and Adobe Photoshop. (Sri)



The entire application is written in Java language. (Phang)

Literature Review

Importance of data analysis

Research on available software on project management

Research on languages to develop android application

Study of User Interface (UI)

Debugging

The reason occurring of software bugs

Identifying Problem



Group Discussion



Designing The Application



Methodology

Programming The Application



Bug & Error Fix



Beta Testing



Complete

Let's Begin

2010



IPUO

ePortal

Introducing

VP



A system that simplifies your project paperwork

Microsoft Project



Jira



Google Classroom

Project1 - Project Professional (Trial)

File Task Resource Report Project View Format

Gantt Chart Tools

Tell me what you want to do

Gantt Chart Paste Calibri 11 0% 25% 50% 75% 100% Mark on Track Manualy Schedule Tasks Insert Information Editing

Schedule

View Clipboard Font Schedule

Schedule

Tasks Insert Properties

2FS-2 days

	Task Name	Duration	Start	Finish	Predecessors	Re	Name	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	Apr 2	
1	Demo old cabinets	1 day	Wed 3/15/17	Wed 3/15/17																						
2	Clean and repair walls	3 days	Thu 3/16/17	Mon 3/20/17	1																					
3	Install Cabinets	2 days	Fri 3/17/17	Mon 3/20/17	2FS-2 days																					

GANTT CHART

New Tasks : Auto Scheduled



A-TEAM board

We'll rock that sprint

Fixing all outstanding issues and getting ready for beta.



QUICK FILTERS

Frontend

DevOps

Bugs

TO DO 5

- CMA-15
Create research brief for testing the app
- CMA-4
Database requirements
- CMA-14
Configure backend infrastructure for automated testing
- CMA-31
Create banners for Facebook, Linkedin and Twitter
- CMA-5
Add map view for browsing coffee places

IN PROGRESS 4

- CMA-33
Write a blogpost
- CMA-18
Implement onboarding screen
- CMA-8 Design specs
 - CMA-22
Prepare design for Coffee basket
 - CMA-23
Design onboarding

DONE 2

- CMA-2
Configure Bitbucket and Bamboo
- CMA-3
Configure deployment options

PARKED 1

- CMA-11
Prepare additional test with focus group

Release



Project 1 Dis 2018

Dis 2018

Upcoming

Woohoo, no work due soon!

[View all](#)



Share something with your class...



Ken Woo

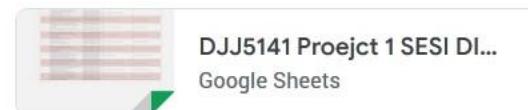
Apr 12

Good day,

Please update the Google form immediately before I send the form to unit exam for subject registration process. Groups who fail to update the form will automatically considered drop for DJJ6143 project 2. Please pass the words around.
Attached the link to the Google form as below.

https://docs.google.com/spreadsheets/d/1rFRmW_d5116tDJEVDNu0ffp-mdJT8V6wiasJZ_hGaYA/edit?usp=drivesdk

Thank you



Afizudin Jamaludin

Apr 12

Done



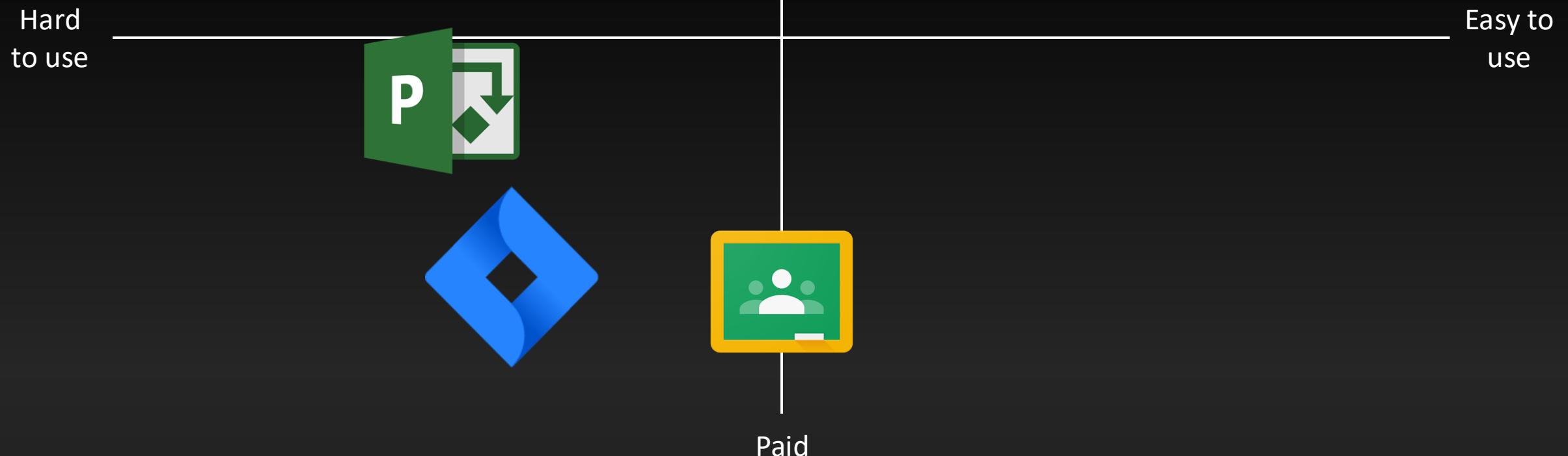
Add class comment...

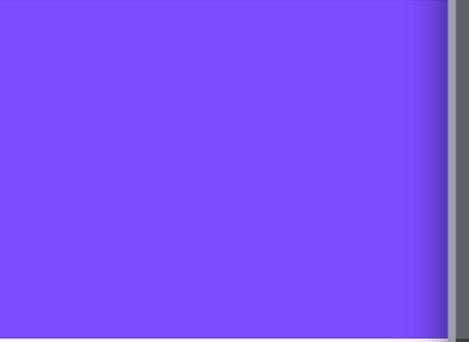
Paid Software

Not a Friendly UI

Less Features

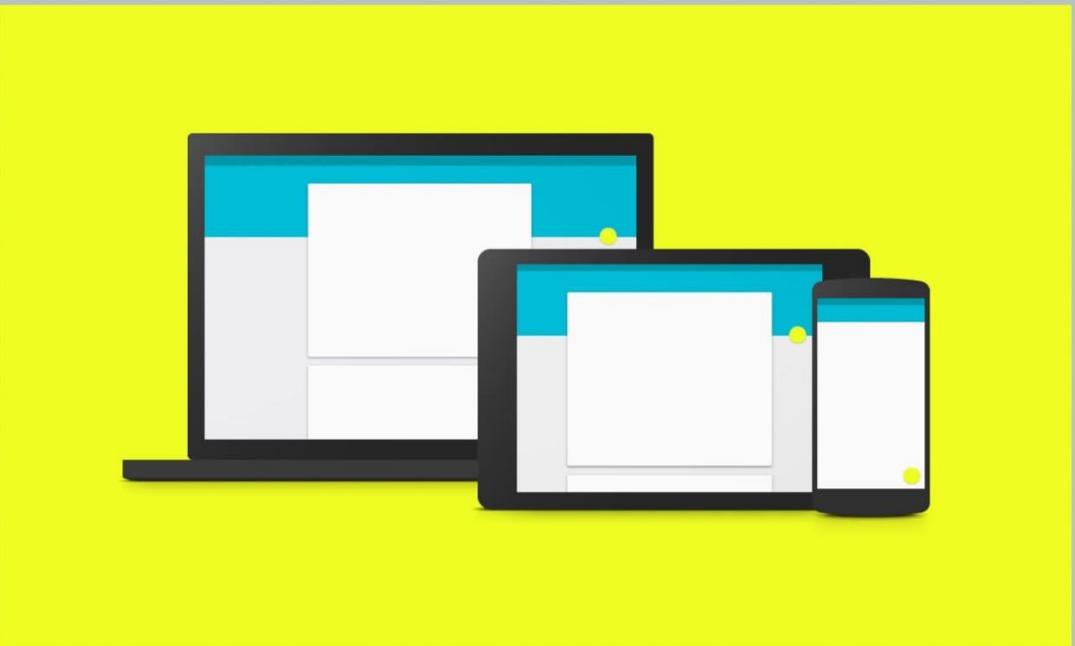
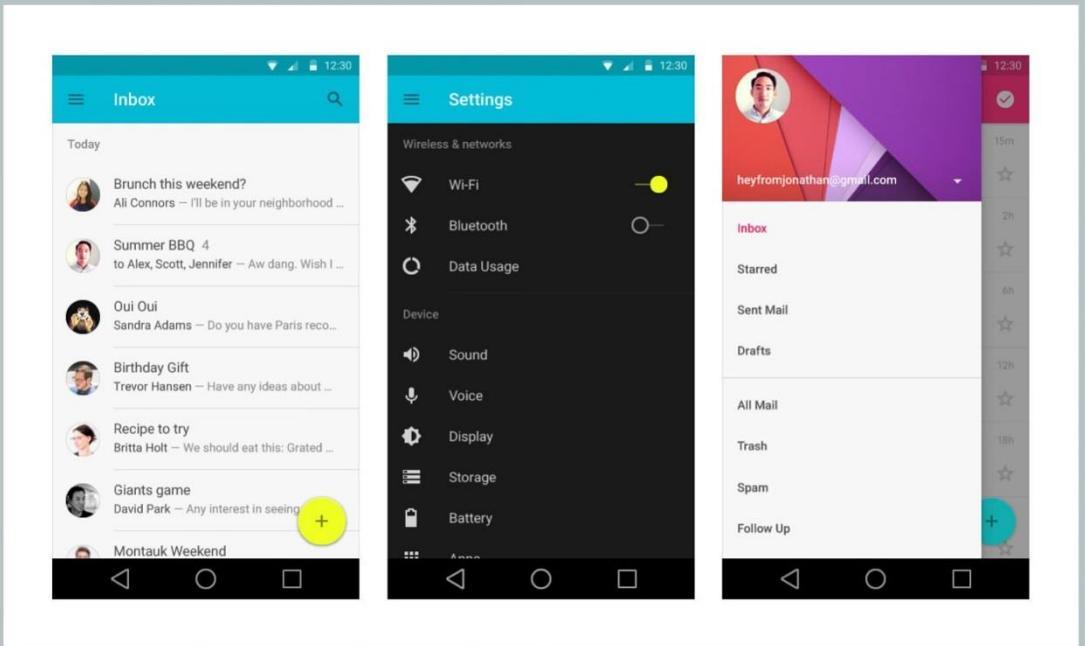
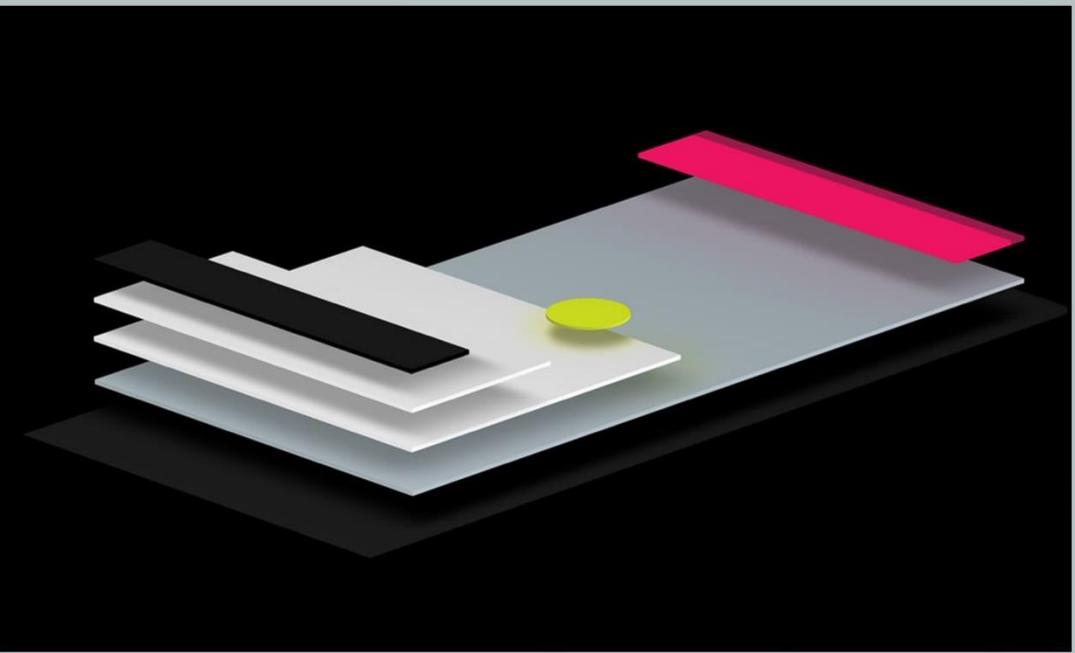
VD





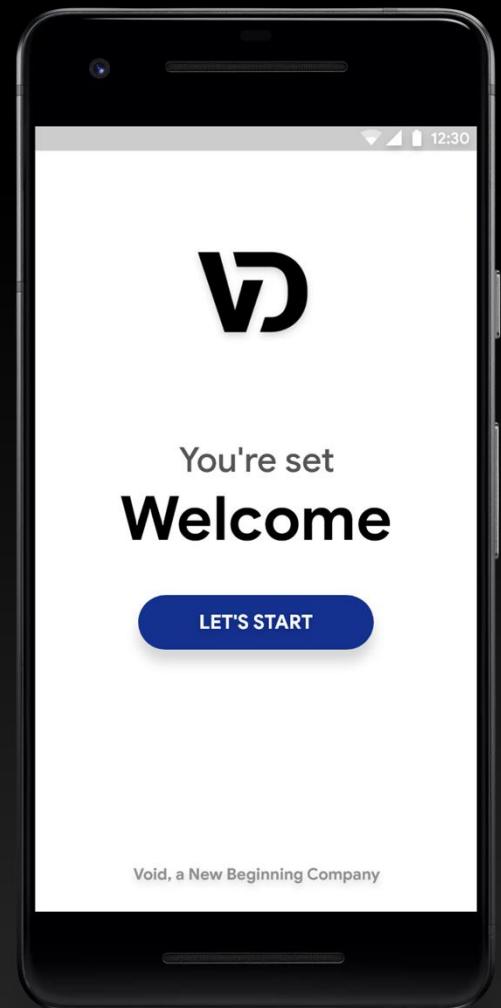
Design





Revolutionary

After months of research and development





Adobe XD

How do we achieve this?



Android Studio



Adobe XD

Have UI kits

Easier to design

Exports designs to Android Studio



Android Studio

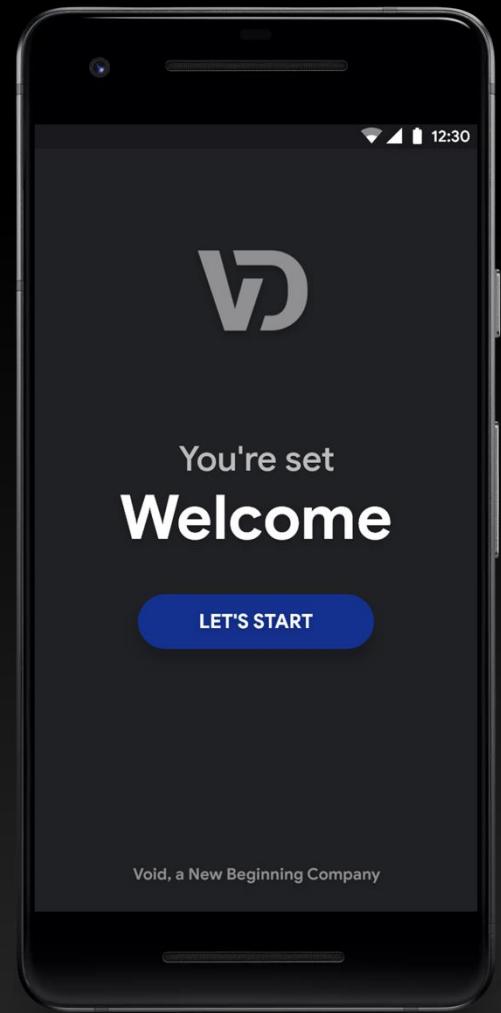
Core programming

In-app designing features

Developer community



Dark Mode





Paperwork

P1A Form

P2A Form

P1B Form

P2B Form

P1C Form

P2C Form

P1D Form

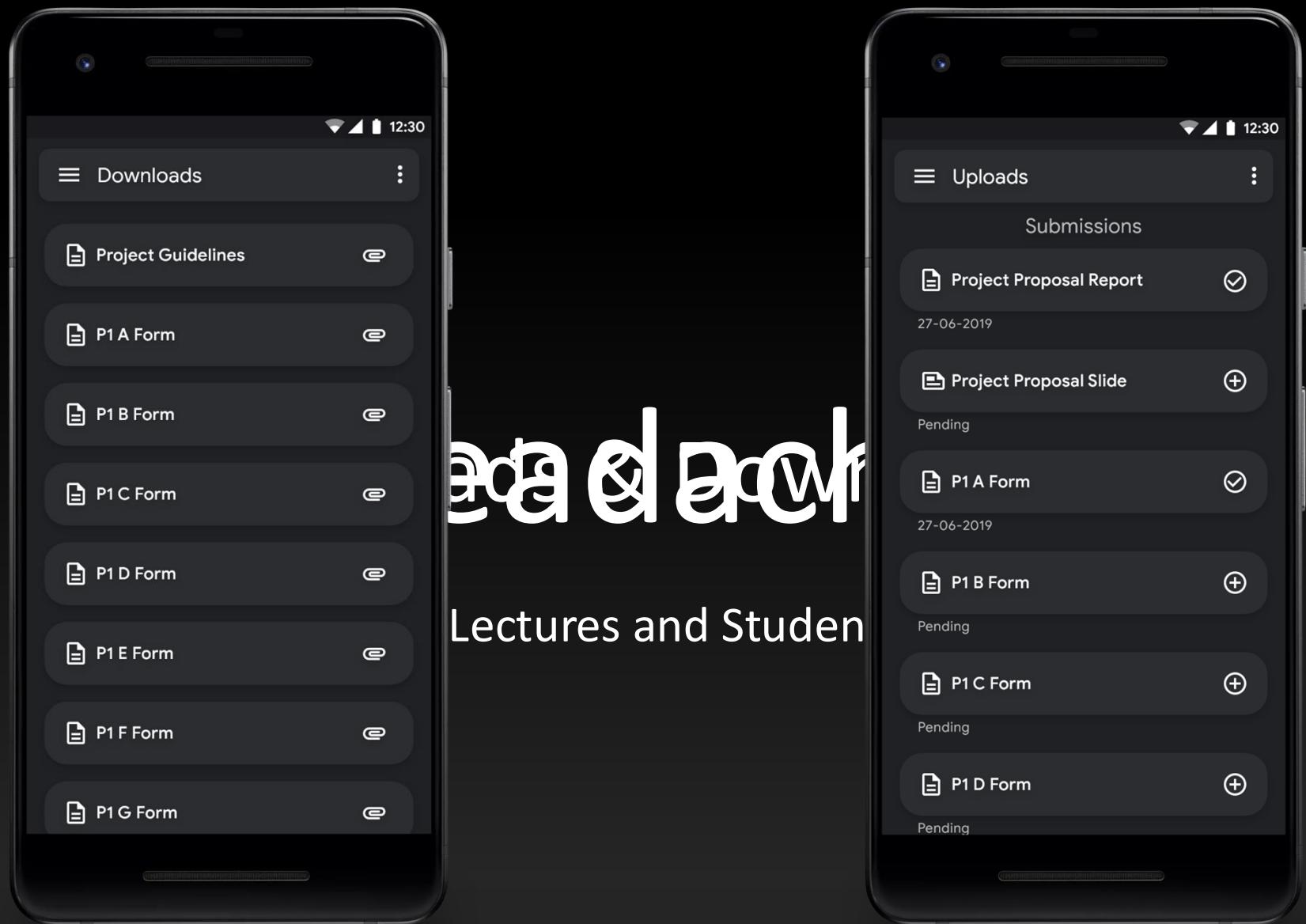
P2D Form

P1E Form

P2E Form

P1F Form

P1G Form



ed & download

Lectures and Student



Database

A perspective view of a tunnel formed by a repeating pattern of binary digits (0s and 1s) in white against a dark blue background.

Every data we produce in cloud
needs a database



Firebase

Real-time Database

Web Hosting

What are the benefits?

Real-time Storage

Crashlytics

*Nothing comes free..
And not everything costs money..
There's a catch!*

~ Simply Vedant ~



Pricing plans

**Start for free,
then pay as you go.**

Products

Spark Plan
Generous limits for hobbyists

Free

Flame Plan
Fixed pricing for growing apps

\$25/month

Blaze Plan
Calculate pricing for apps at scale

Pay as you go

✓ Free usage from Spark plan included*

A/B Testing

Free

Analytics

Free

App Indexing

Free

Authentication



Cloud Firestore

Stored data	1 GiB total	2.5 GiB total	\$0.18/GiB
Bandwidth	10GiB/month	20GiB/month	Google Cloud pricing
Document writes	20K/day	100K/day	\$0.18/100K
Document reads	50K/day	250K/day	\$0.06/100K
Document deletes	20K/day	100K/day	\$0.02/100K

Cloud Functions

Invocations	125K/month	2M/month	\$0.40/million
GB-seconds	40K/month	400K/month	\$0.0025/thousand
CPU-seconds	40K/month	200K/month	\$0.01/thousand
Outbound networking	Google services only	5 GB/month	\$0.12/GB

Cloud Messaging (FCM)

Free

Crashlytics

Free

Dynamic Links

Free

Hosting

If you do the math..
80¢

Each student have to pay

android 



Costing

RIMO



What are the **issues** we faced?

Frequently run in to bugs

Hard to decide our database

There is a user quota

Void

VS

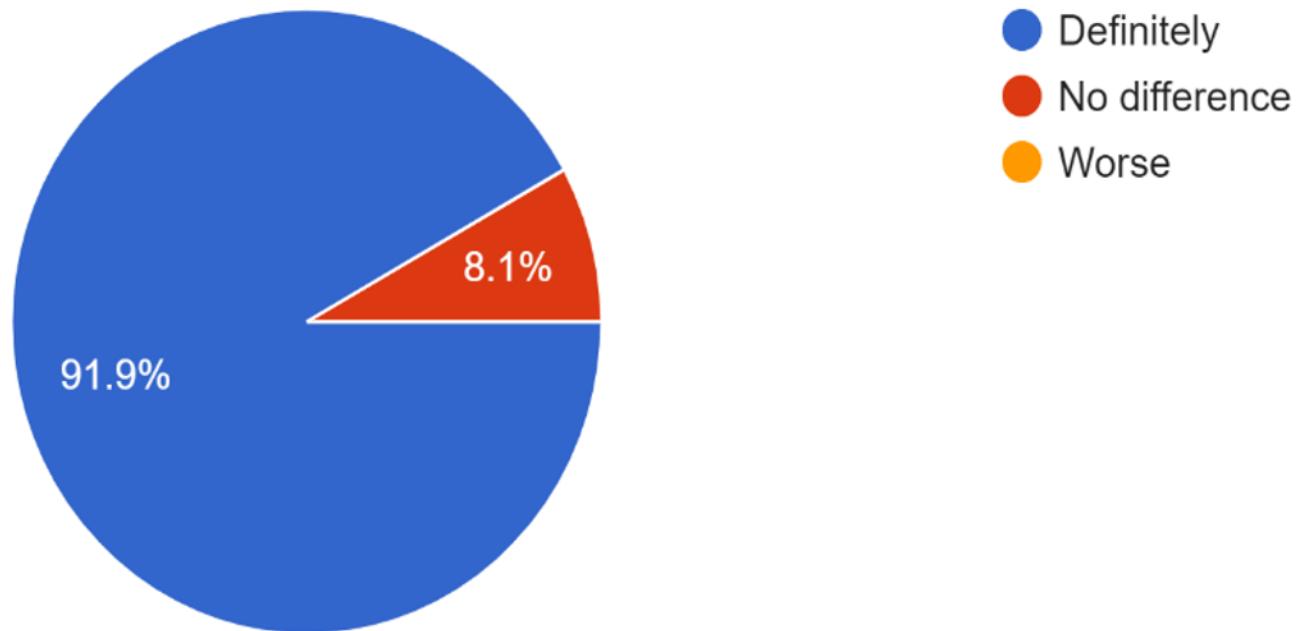
Current

Minimal	Paperwork	Tons of Paper
Less Low	Time Usage Expenditure	More High
Organized	Method of Handling Paperwork	Complicated

What we have achieved so far?

Do you think the application will make managing Final Year Project easier?

37 responses



Let's wind it up...

One more thing...

How about the ones in degree?

Introducing

Void XL

Ad

Thank You

Q&A