

Hack-Ed

OMR Reader

# Mind\_Install

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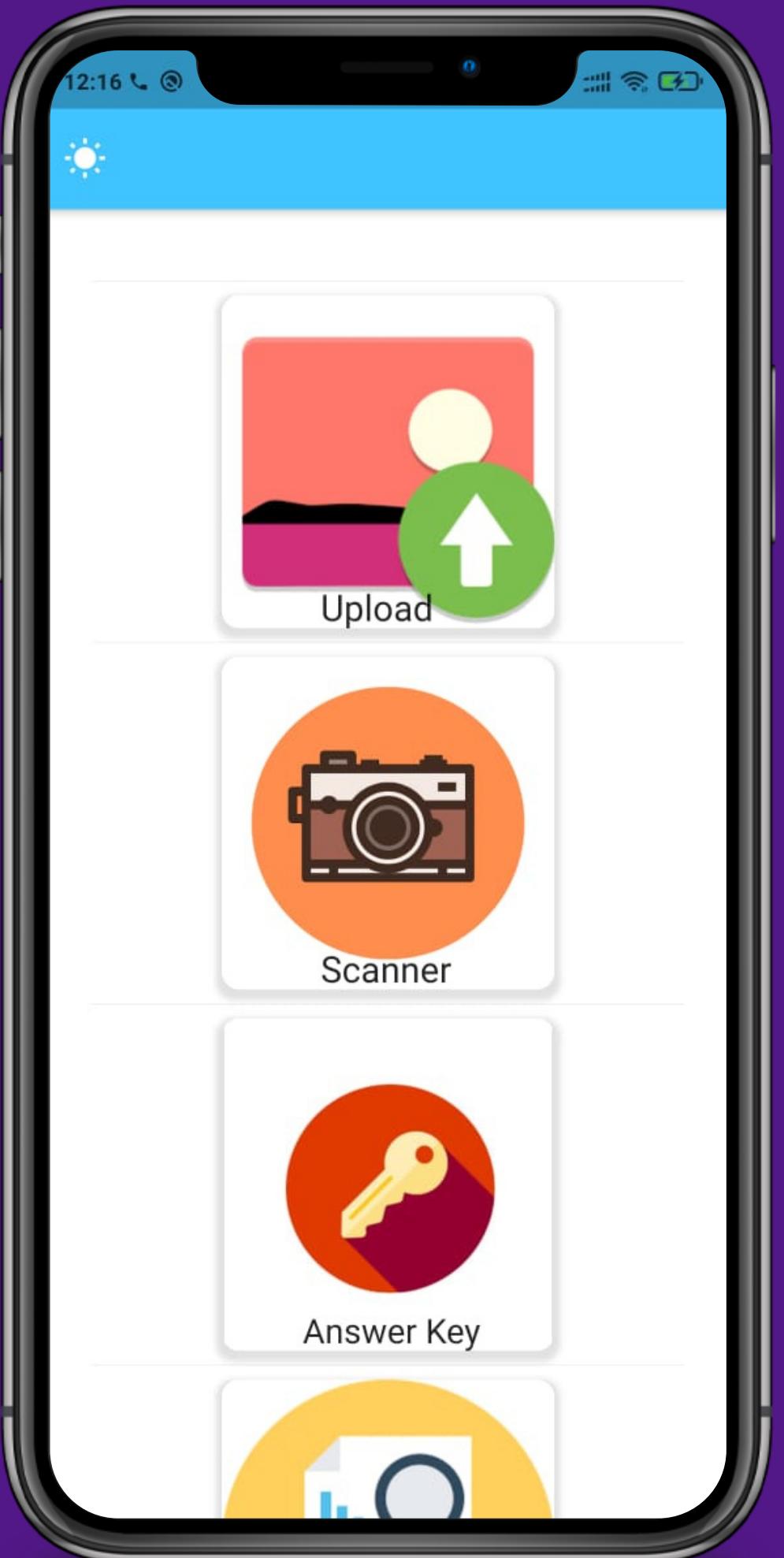
# ORIS

OMR  
Reader  
Info  
Scanner

StackUsed- MobileApp + Python RestAPI



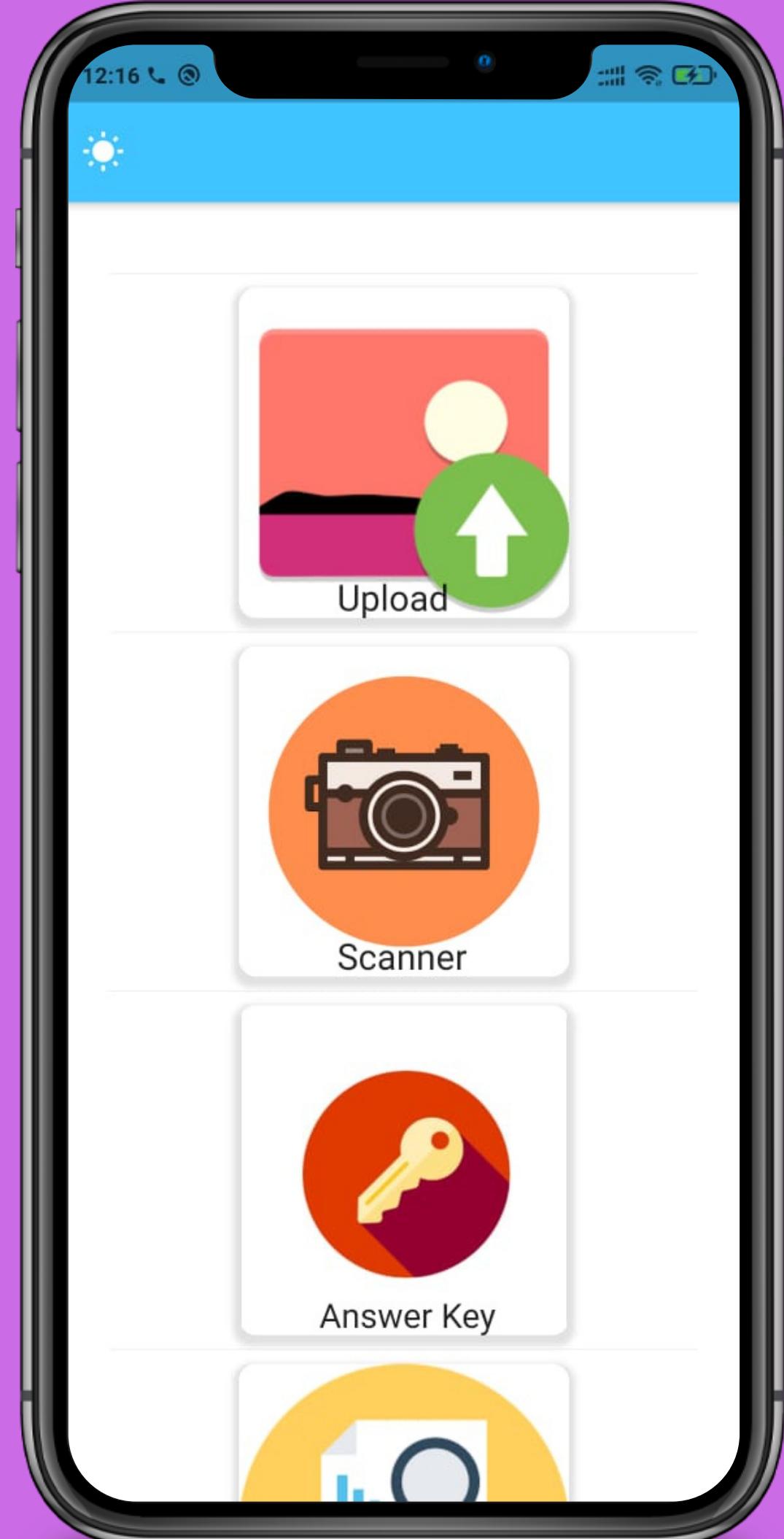
Scan  
Grade  
Analyze  
Fast



Easy to use app to Scan OMR Sheets,  
Set an Answer Key, Grade papers,  
with detailed Analytics

# Features

- Scan, Upload
- Custom Ans Key
- Detailed Analytics
- Easy to Use



**01**

## FLUTTER

Works in both **IOS** & **Andriod**

**03**

## CLOUD STORAGE

All photos are Stored in **Firebase** for powerful Scalability Factor

**02**

## REST API

Made fully in Python REST API for fast seamless data transfer

**03**

## AWS HOSTING

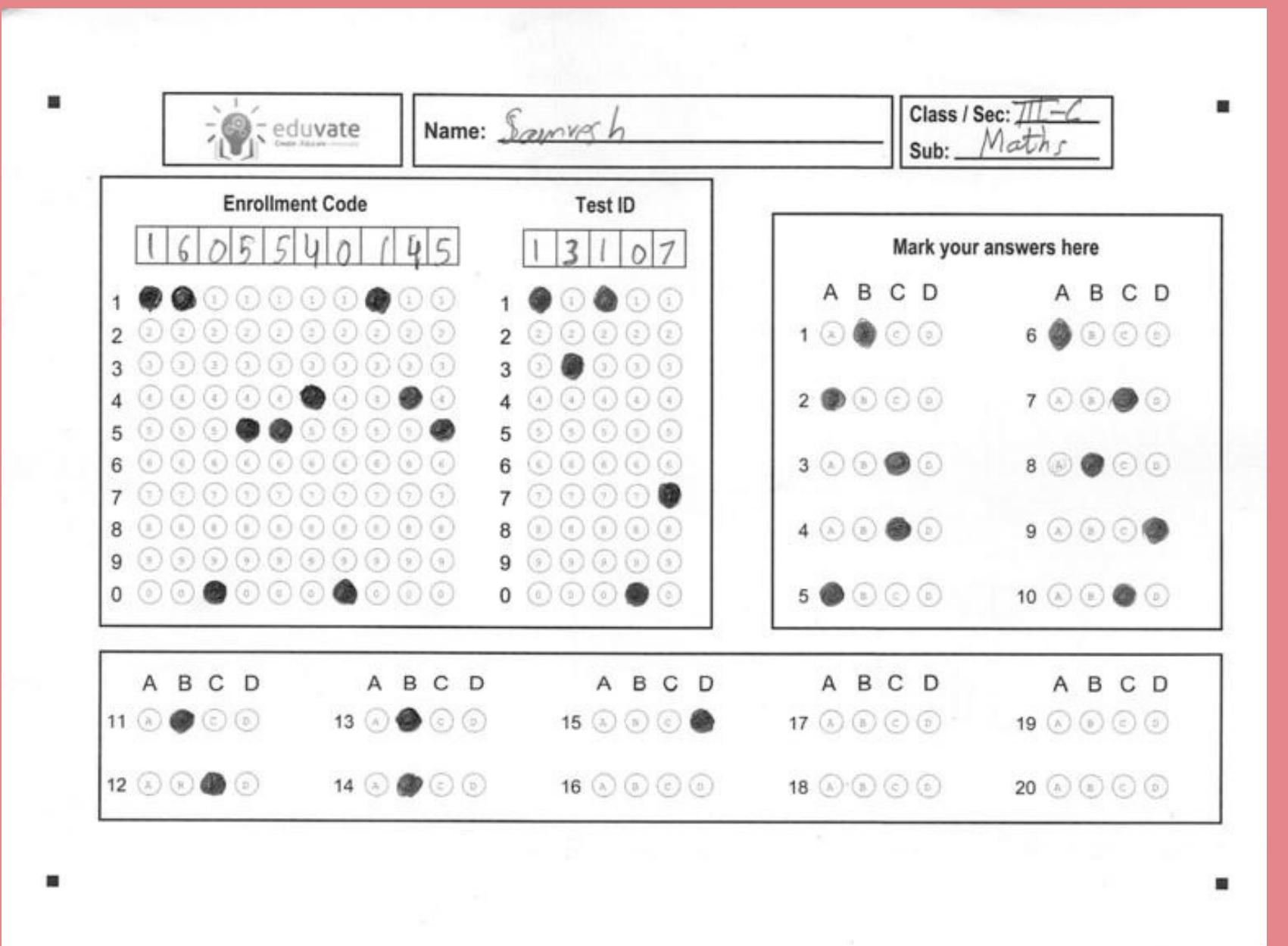
Hosted on **AWS** for Scalability

# Student Analytics



- Individual Responses
- Individual Student Analysis
- Class Performance Analysis
- Paper Difficulty Analysis
- Graphical Analytics

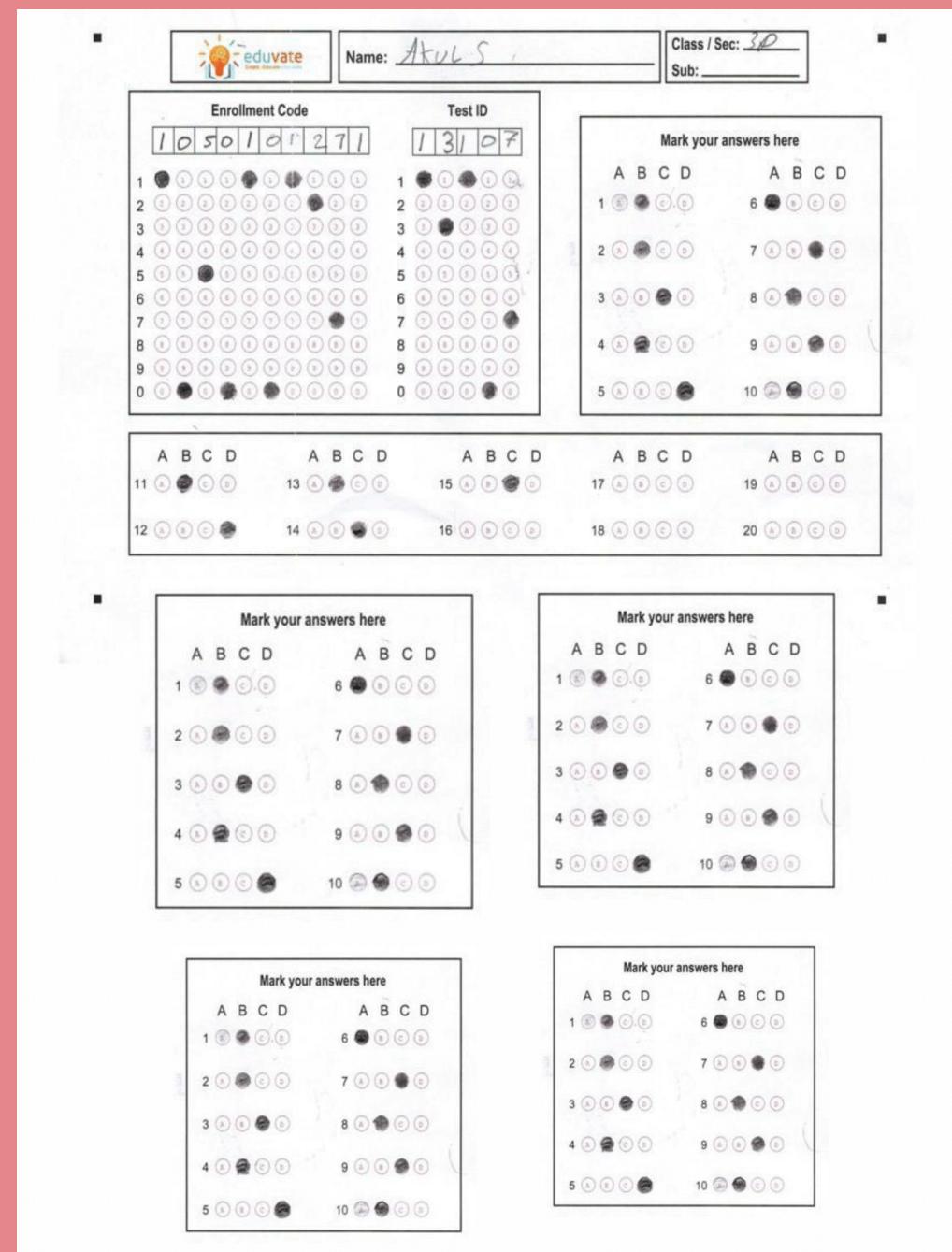
# OMR FORMATS



This image shows a standard 20-question OMR format. It includes fields for Name, Class/Sec/Sub, Enrollment Code, Test ID, and a large area for marking answers. The answer section is organized into five rows of four questions each, with each question having four options (A, B, C, D) represented by circles for marking.

Mark your answers here			
A	B	C	D
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

Standard 20 Q Format

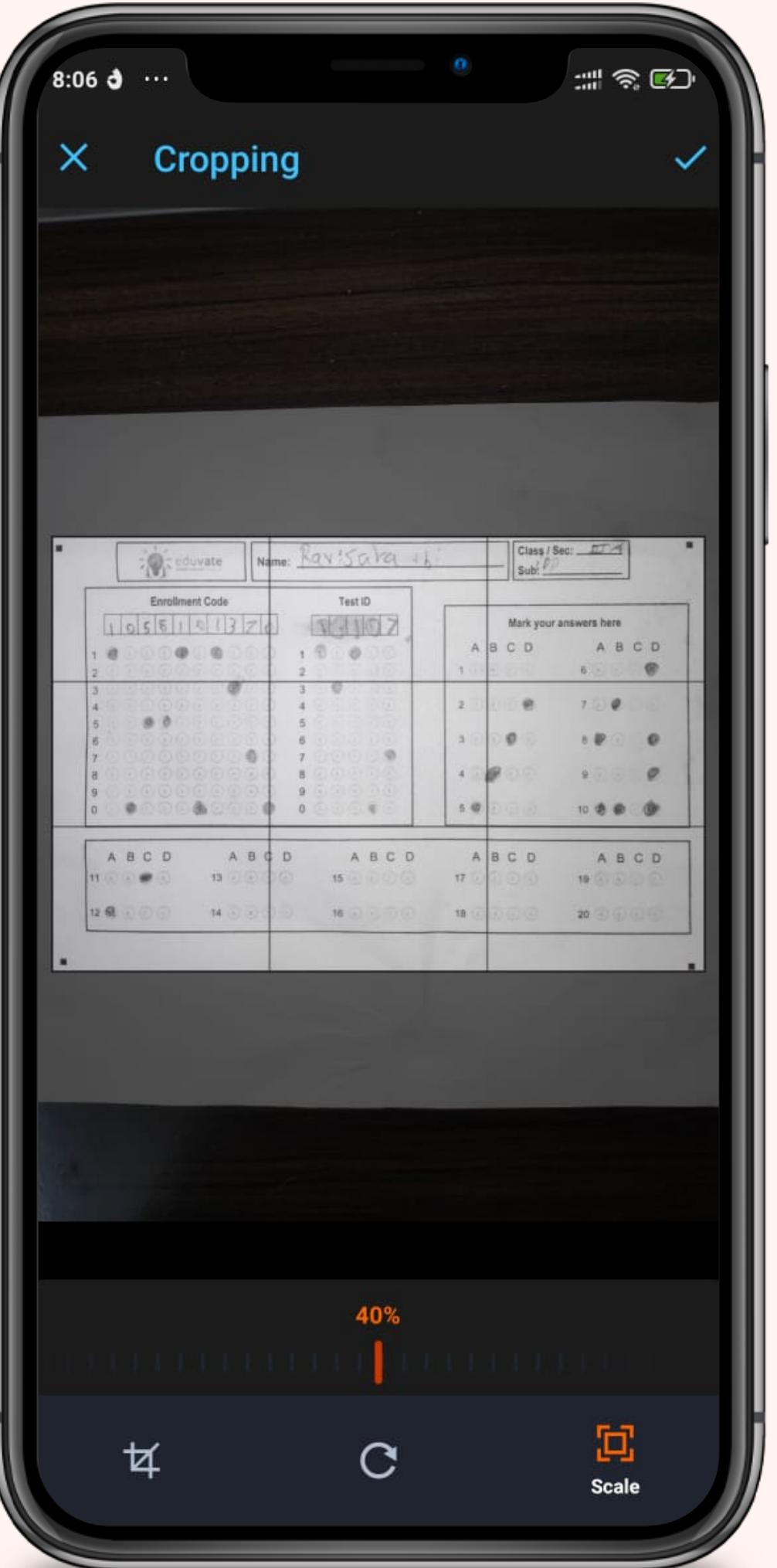


This image shows a custom OMR format for up to 60 questions. It includes fields for Name, Class/Sec/Sub, Enrollment Code, Test ID, and a large area for marking answers. The answer section is organized into ten rows of five questions each, with each question having four options (A, B, C, D) represented by circles for marking.

Mark your answers here			
A	B	C	D
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60

Custom Upto 60 Q Format

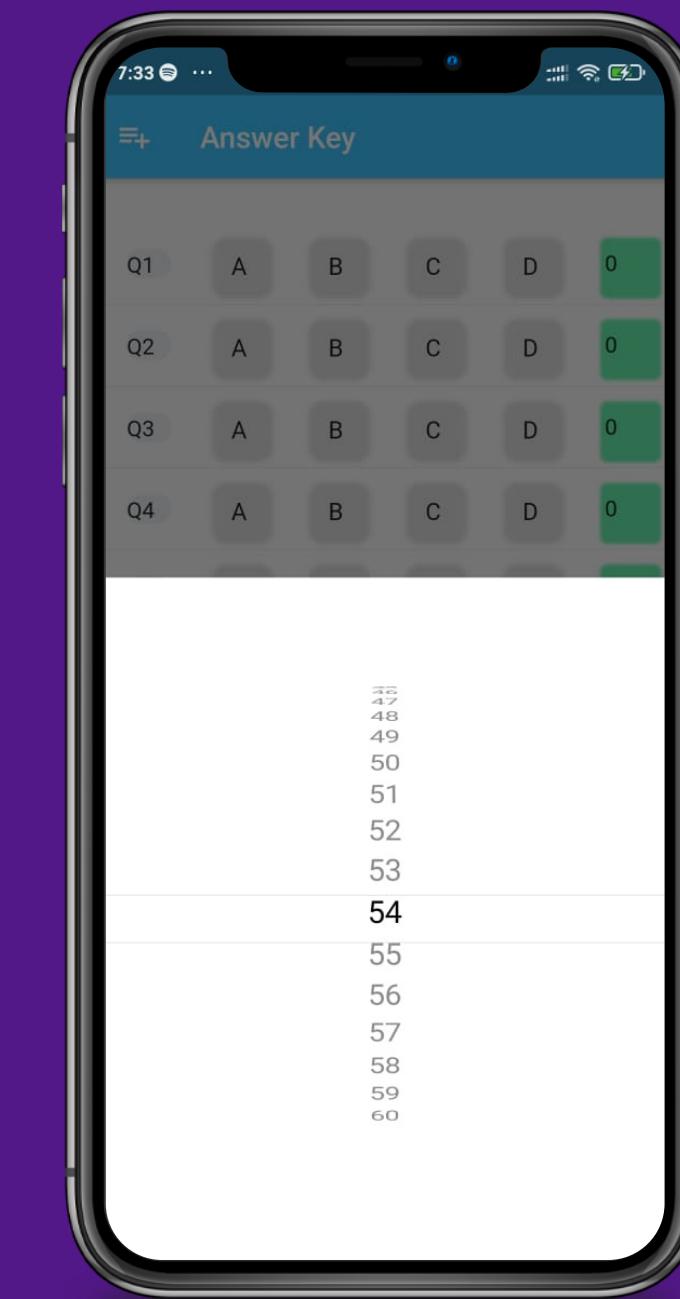
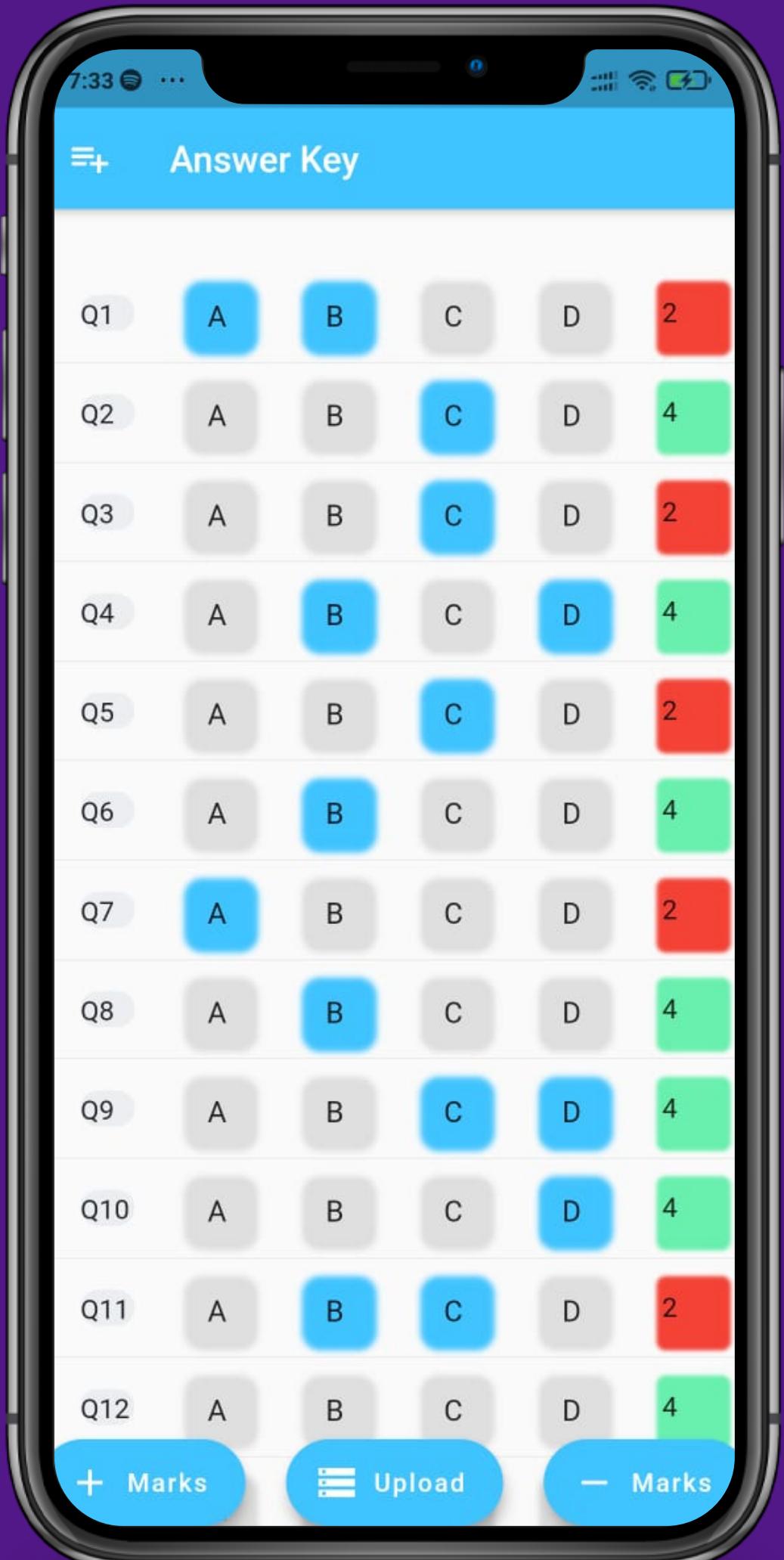
# SCANNER



- Minimalistic UI
- Quick Scan & Crop
- Supports Low Quality Paper
- Supports Wrinkled & Creased Sheets
- Uses Computer Vision to get 100% accurate results
- Detailed Analytics of Class, Individual Student Performance on Question by Question basis

## GLOBAL ANSWER KEY

- One Answer key for **Multiple Papers** which can be easily set
- Desired Number of Questions (1 - 60)



## CUSTOM MARKING

- Custom Positive Marks
- Custom Negative Marks for Select Questions

## MULTIPLE ANSWERS

Multi Correct Answers



## BULK UPLOAD

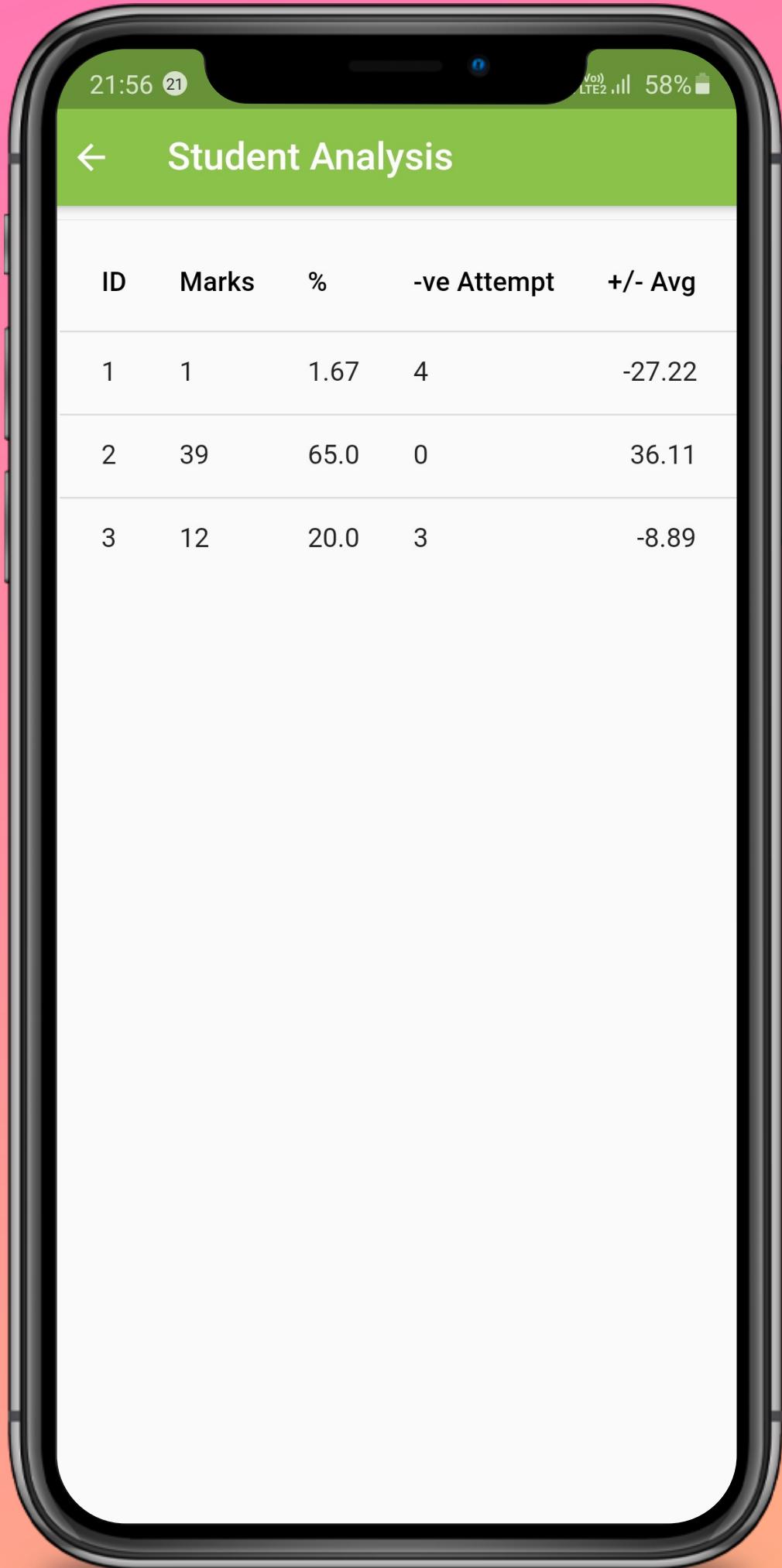
- Upload OMR Sheets in Bulk
- Student ID assigned Chronologically
- Set No of Students & Classroom Name



# CLASS PERFORMANCE

- Right Answers Frequency Curve
- Class Average
- Class Accuracy
- Total Responses Received

# STUDENT ANALYSIS



- Enrollment Wise
- Marks Scored
- Percentage Obtained
- Number of Questions, where he/she lost Marks
- Deviation from Class Average %



21:56 21 LTE2 58%

← Paper Analysis

Q.No	Accuracy	Difficulty
1	100.00	Easy
2	33.33	Hard
3	66.67	Medium
4	33.33	Hard
5	66.67	Medium
6	66.67	Medium
7	66.67	Medium
8	66.67	Medium
9	0.00	Hard
10	33.33	Hard
11	33.33	Hard
12	33.33	Hard
13	66.67	Medium
14	33.33	Hard
15	33.33	Hard

## PAPER ANALYSIS

- Question Wise Sorted
- Class Accuracy for each Question
- Difficulty Rating for each Question based on Class Performance



# STUDENT RESPONSES

- Student Response for each Question
- Comparison with Answer key
- Easy to find Any Student

# TEAM



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AMAL JOGY

Flutter Devloper



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