



EQ-sol

As the name suggests:
"Solving an Equation"

BATCH #5

MEET OUR TEAM!



Karun Krishnan



Omkar R



Akshay T.A



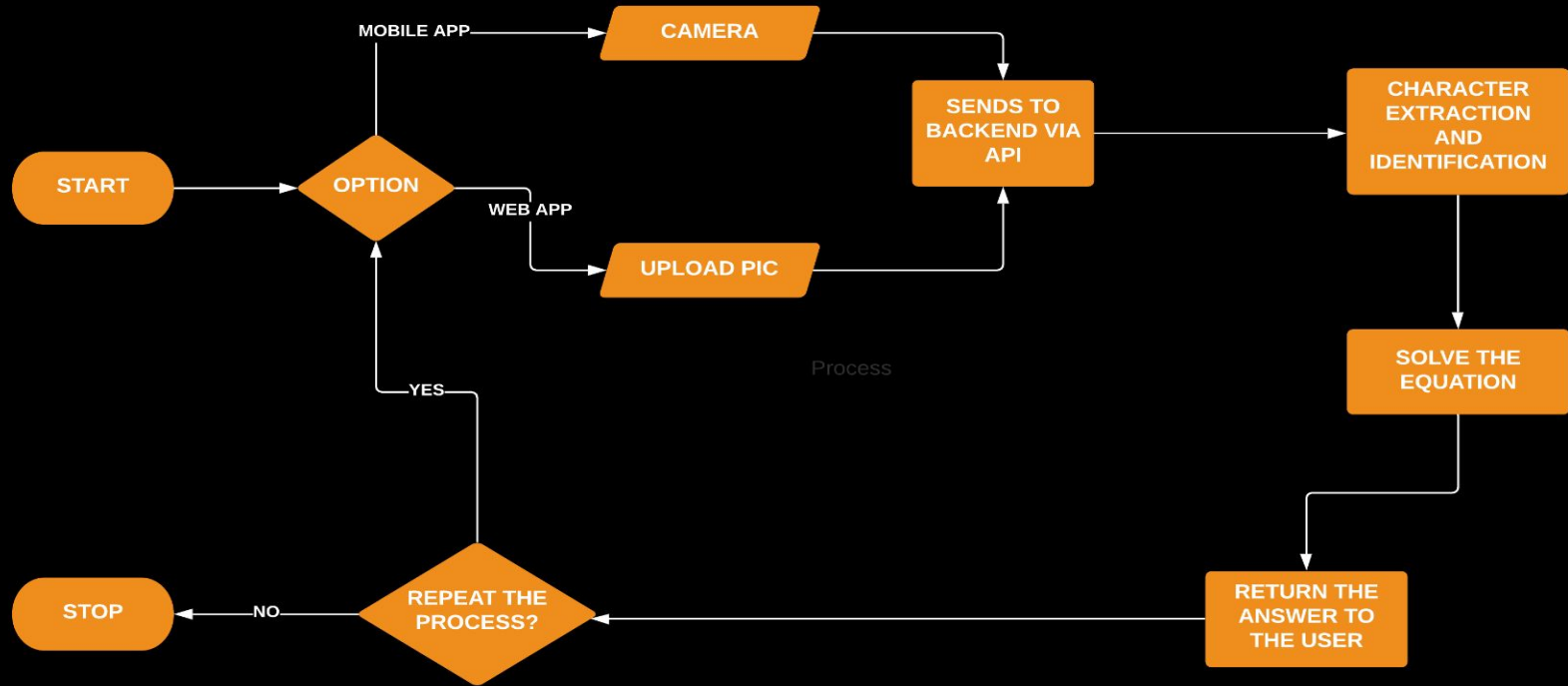
Adhithya T

WHAT'S OUR PROJECT?

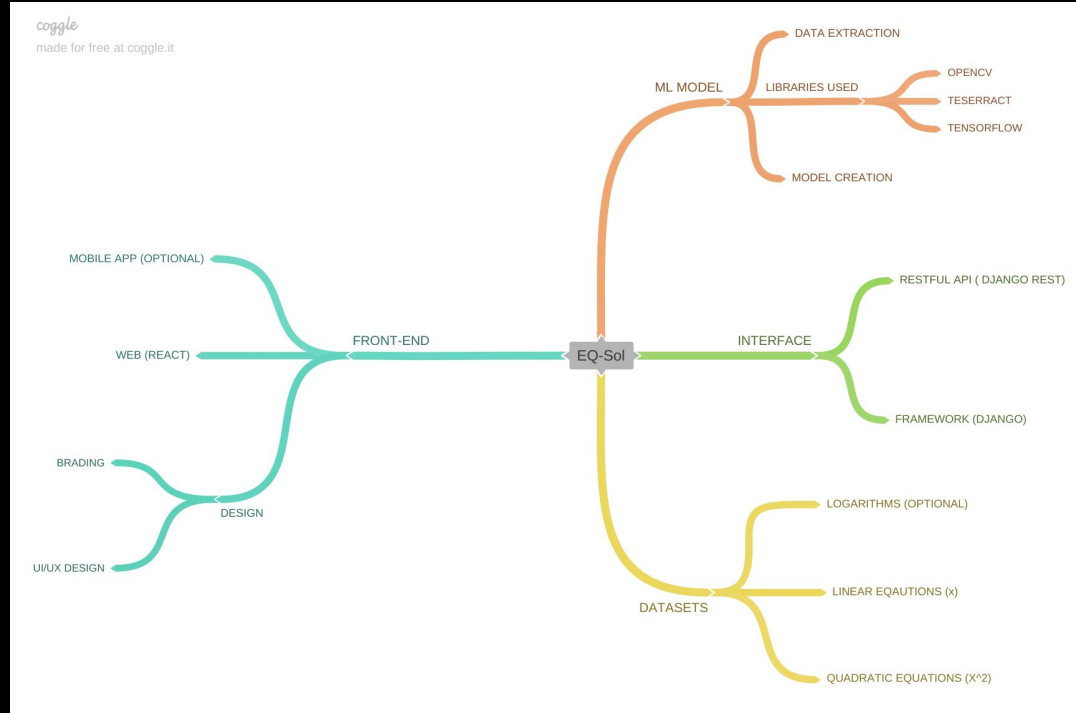
- EQ-sol is an application where the user scans handwritten mathematical equations, and the corresponding solutions are displayed by the application.
- Some of the features include:
 - Linear equations
 - Quadratic equations
 - And more



UML Diagram (LucidChart)



PROJECT MIND MAP (Coggle)



[Click Here for the mind map](#)

7 + 2

IMAGE

7

+

2

THRESH

7

+

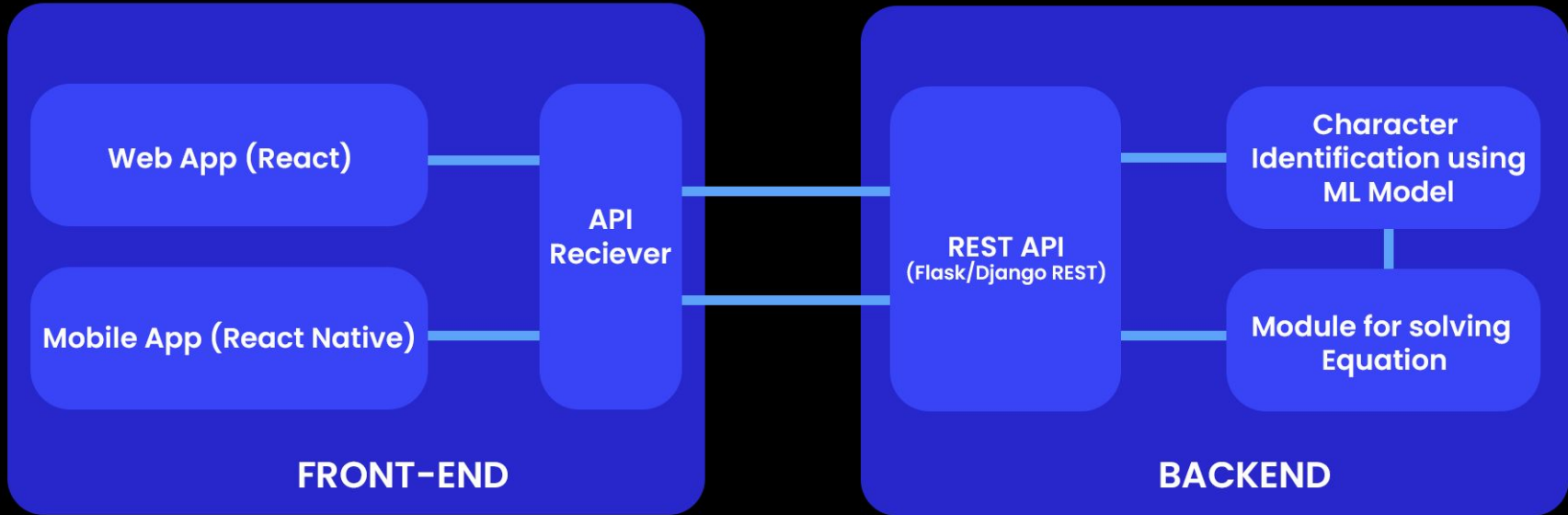
2

CONTOUR

Name of file	Value	
1_pic1	1	
1_pic2	1	
1_pic3	1	
1_pic4	1	
1_pic5	1	
1_pic6	1	
1_pic7	1	
2_pic1	2	
2_pic2	2	
2_pic3	2	
2_pic4	2	
2_pic5	2	
2_pic6	2	
3_pic1	3	
3_pic2	3	
3_pic3	3	

- Where, 'Name of file' corresponds to the filename of the image and 'Value' corresponds to the number inside the image
- This is stored as a CSV file and is used for training the model

PROJECT BLOCK DIAGRAM



$$2x + 5 = 3$$



"2x + 5 = 3"



2

x

+

5

=

3

DIVISION OF WORK

Front-End Development,
Designing and Documentation



Omkar R

Creating and Managing Datasets
for the Model



Adhithya T

HOW WE DIVIDED OUR WORK?

Backend Development, ML
Model



Karun Krishnan

Backend Development, ML
Model, API Handling



Akshay T.A

THANK YOU

