



SMART INDIA
HACKATHON
2022

Basic Details of the Team and Problem Statement

Ministry/Organization Name/Student Innovation:
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP (MSDE)

PS Code: DB886

Problem Statement Title: Automatic sign and photo detection from the uploaded documents by trainees during admissions using Artificial Intelligence and Optical Character Recognition.

Team Name: Cyber Knights

Team Leader Name: B DHARMIK

Institute Code (AISHE): C-24163

Institute Name: SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE

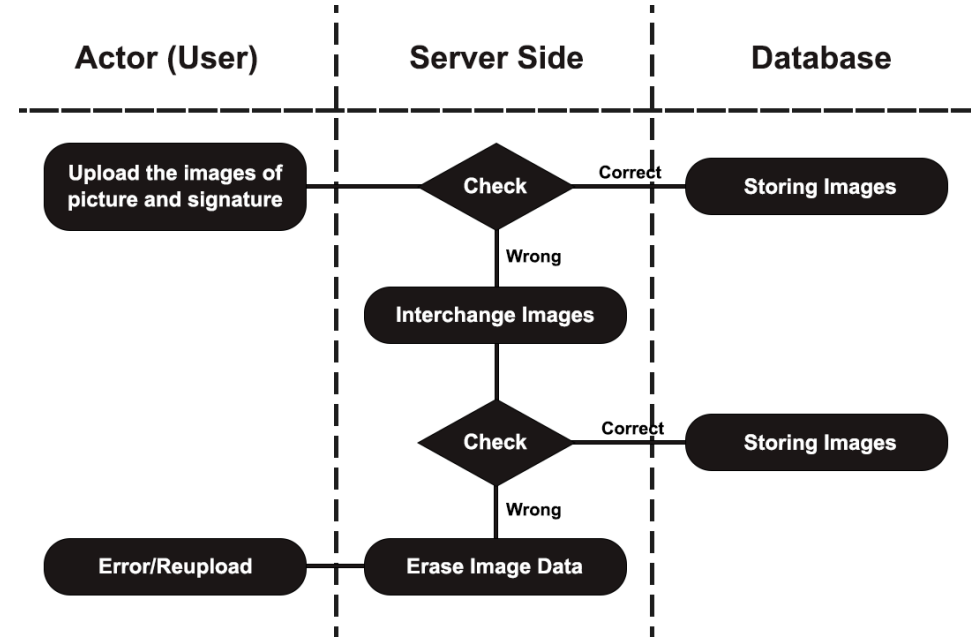
Theme Name: Smart Automation

Idea/Approach Details

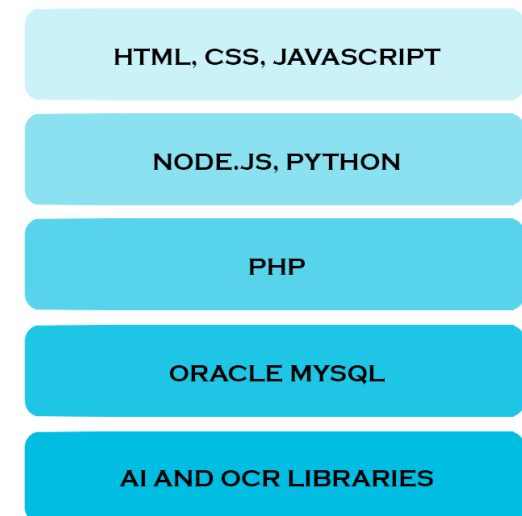
Describe your idea/Solution/Prototype here:

- There are many trainees who lack proper computer skills and often make mistakes while uploading documents.
- Instead in the place of photo, they might upload their signature and get a faulty admit card.
- In order to overcome this problem, we here create an auto detection system to correctly sort out the picture and signature even though if are uploaded incorrectly, using the help of existing technologies like AI and OCR.

Swimlane Diagram



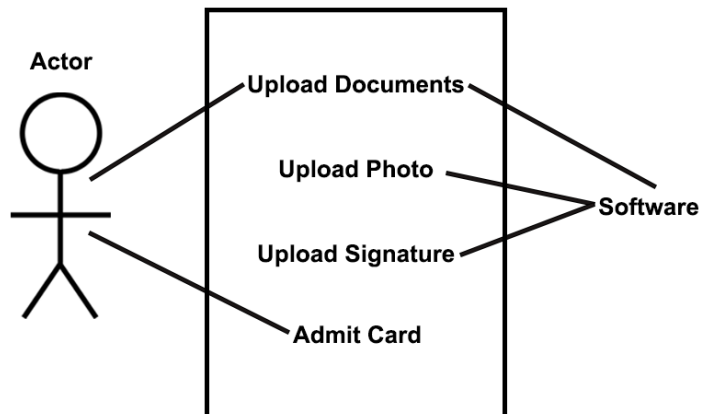
Describe your Technology Stack here:



Idea/Approach Details

Describe your Use Cases here

- We have a use case of an actor perform the actions of uploading documents in two ways: Correct & Wrong ways of uploading.
- The system software analyses, detects and corrects (if necessary) the images and hence would store in the database accordingly



Describe your Dependencies / Show stopper here

DEPENDENCIES:

- USER UPLOADING A PHOTO AND A SIGNATURE
- UPLOADING THEM IN EXACT FIELDS OR IN DIFFERENT FIELDS

SHOW STOPPER:

- USER UPLOADING TWO PHOTOS OR TWO SIGNATURES
- WHEN THE SYSTEM CAN'T DIFFERENTIATE AMONG THE TWO DOCUMENTS

Team Member Details

Team Leader Name: B DHARMIK

Branch (Btech/Mtech/PhD etc):	Btech	Stream (ECE, CSE etc):	CSE	Year (I,II,III,IV):	II
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Team Member 1 Name: A MANIKANTA

Branch (Btech/Mtech/PhD etc):	Btech	Stream (ECE, CSE etc):	CSE	Year (I,II,III,IV):	II
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Team Member 2 Name: B DEVARSHI

Branch (Btech/Mtech/PhD etc):	Btech	Stream (ECE, CSE etc):	CSE	Year (I,II,III,IV):	II
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Team Member 3 Name: B LEELA KARTHIK

Branch (Btech/Mtech/PhD etc):	Btech	Stream (ECE, CSE etc):	CSE	Year (I,II,III,IV):	II
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Team Member 4 Name: B DEVI PRIYA

Branch (Btech/Mtech/PhD etc):	Btech	Stream (ECE, CSE etc):	CSE	Year (I,II,III,IV):	II
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Team Member 5 Name: A GEETHA

Branch (Btech/Mtech/PhD etc):	Btech	Stream (ECE, CSE etc):	CSE	Year (I,II,III,IV):	II
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Team Mentor 1 Name: Mr. B SIVA RAMA KRISHNA

Category (Academic/Industry):		Expertise (AI/ML/Blockchain etc):		Domain Experience (in years):	
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Team Mentor 2 Name:

Category (Academic/Industry):		Expertise (AI/ML/Blockchain etc):		Domain Experience (in years):	
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