**PROJECT:IMAGE RECOGNITION WITH IBM CLOUD RECOGNITION**

**INTRODUCTION:**

An image recognition project is a computer vision application that involves training a machine learning model to identify and classify objects, patterns, or features within digital images. This technology has a wide range of practical applications, from identifying objects in photos to detecting anomalies in medical images. Here are the key steps involved in an image recognition project:

**Create an html template:**

Certainly! Here’s a basic HTML template for an image recognition project. You can customize it further to meet your specific project’s needs

**Develop an front end:**

**Index.html**

<!DOCTYPE html>

<html>

<head>

<title>Image Recognition Website</title>

<link rel=”stylesheet” type=”text/css” href=”styles.css”>

</head>

<body>

<header>

<h1>Image Recognition Project</h1>

</header>

<main>

<section class=”upload-section”>

<h2>Upload an Image</h2>

<form id=”upload-form” enctype=”multipart/form-data”>

<input type=”file” id=”image-upload” accept=”image/\*” />

<button type=”button” id=”process-button”>Process Image</button>

</form>

</section>

<section class=”result-section” style=”display: none;”>

<h2>Recognition Result</h2>

<p id=”result-text”></p>

</section>

</main>

<footer>

<p>&copy; 2023 Your Website Name</p>

</footer>

</body>

</html>

**CSS Styles**

Body {

Font-family: Arial, sans-serif;

Background-color: #f0f0f0;

Margin: 0;

Padding: 0;

}

Header {

Background-color: #333;

Color: #fff;

Text-align: center;

Padding: 20px 0;

}

H1 {

Margin: 0;

}

Main {

Max-width: 800px;

Margin: 20px auto;

Padding: 20px;

Background-color: #fff;

Box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

Border-radius: 5px;

}

H2 {

Color: #333;

}

Input[type=”file”] {

Margin: 10px 0;

}

Button {

Background-color: #0074d9;

Color: #fff;

Border: none;

Padding: 10px 20px;

Cursor: pointer;

}

#result-text {

Color: #333;

}

Footer {

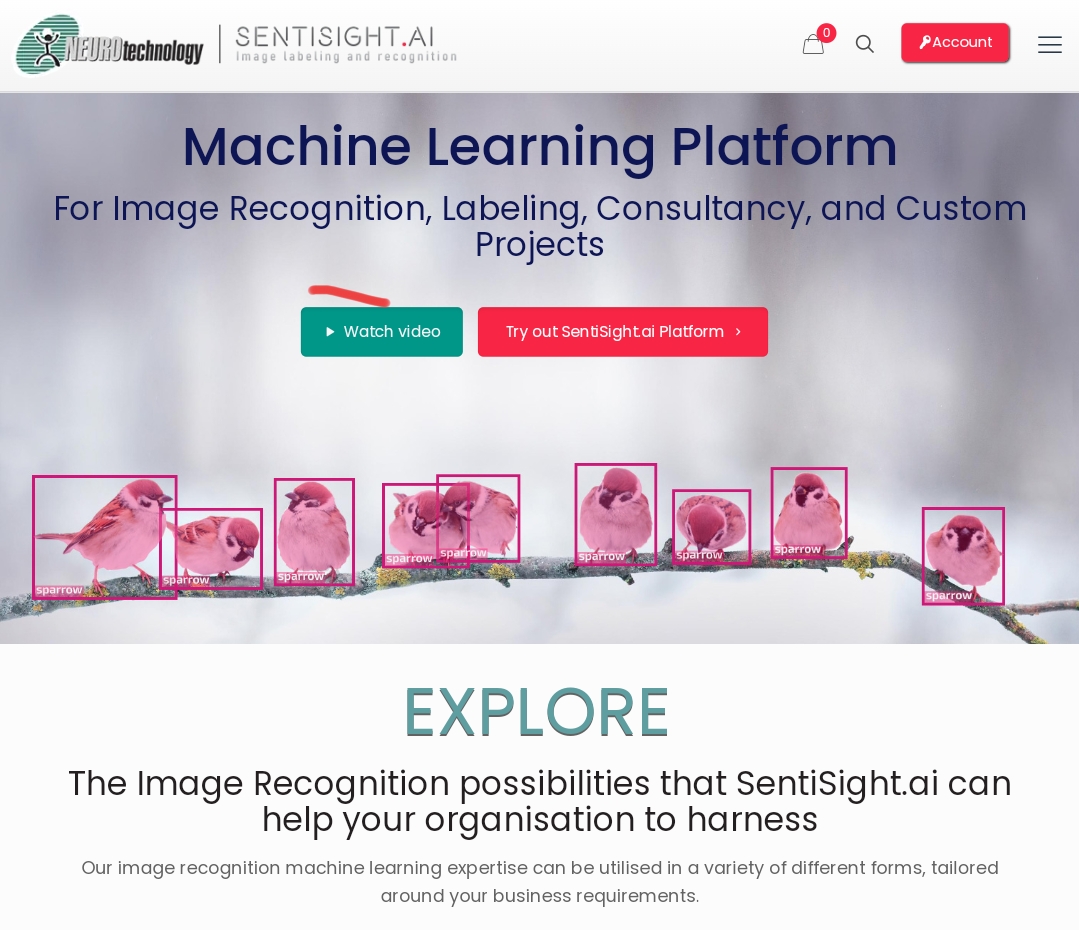
Text-align: center;

Background-color: #333;

Color: #fff;

Padding: 10px 0;

}



**Database to Store data’s**

* Create a database (if it doesn’t exist)

CREATE DATABASE IF NOT EXISTS image\_recognition;

* Use the created database

USE image\_recognition;

* Create a table to store face recognition data

CREATE TABLE IF NOT EXISTS face\_data (

Id INTEGER PRIMARY KEY AUTOINCREMENT,

Person\_name TEXT,

Image\_path TEXT,

Recognition\_result TEXT

);

* Insert 10 face data records

INSERT INTO face\_data (person\_name, image\_path, recognition\_result) VALUES

(‘Person 1’, ‘path/to/image1.jpg’, ‘Recognition result for image1.jpg’),

(‘Person 2’, ‘path/to/image2.jpg’, ‘Recognition result for image2.jpg’),

(‘Person 3’, ‘path/to/image3.jpg’, ‘Recognition result for image3.jpg’),

(‘Person 4’, ‘path/to/image4.jpg’, ‘Recognition result for image4.jpg’),

(‘Person 5’, ‘path/to/image5.jpg’, ‘Recognition result for image5.jpg’),

(‘Person 6’, ‘path/to/image6.jpg’, ‘Recognition result for image6.jpg’),

(‘Person 7’, ‘path/to/image7.jpg’, ‘Recognition result for image7.jpg’),

(‘Person 8’, ‘path/to/image8.jpg’, ‘Recognition result for image8.jpg’),

(‘Person 9’, ‘path/to/image9.jpg’, ‘Recognition result for image9.jpg’),

(‘Person 10’, ‘path/to/image10.jpg’, ‘Recognition result for image10.jpg’);

**CONCLUSION**:

A conclusion for an image recognition project typically summarizes the project’s objectives, key findings, and the impact of the work. It should provide a concise overview of what was achieved and what the project means. Here’s a sample conclusion for an image recognition project “In conclusion, the image recognition project successfully addressed the following key objectives: