

# Image Optimizer Website

## Overview

This project is a user-friendly web-based application that allows users to upload images, optimize their size, and download the compressed version without losing the original dimensions. The app is designed with a modern and responsive UI to ensure a seamless experience on all devices.

## Features

- **Image Upload:** Supports uploading of JPG and PNG files.
- **File Size Limit:** Alerts users if the file size exceeds 10MB.
- **Quality Options:** Users can preview and select the desired compression level (75%, 50%, 25%).
- **Responsive Design:** Works smoothly across different screen sizes and devices.
- **Download Option:** Allows users to download the optimized image.

## Technologies Used

- **HTML5:** For structuring the web page.
- **CSS3:** For styling and creating a responsive design.
- **JavaScript:** For handling image processing and user interactions.

## How to Use

1. **Upload an Image:** Click on the upload area or drag and drop an image (JPG/PNG format).
2. **Preview Compression Options:** The app will display a preview of the image with three quality levels.
3. **Select a Quality Level:** Choose the desired compression quality (75%, 50%, or 25%).
4. **Download Optimized Image:** Click the "Download Optimized Image" button to save the compressed version.

## **File Structure**

project-folder/

FinalBonus.html    # Main HTML file

final.css    # CSS for styling

final.js    # JavaScript for functionality

README.pdf    # Project documentation