iNeuron

Wireframe Documentation

Alzheimer Disease Classifier

Version: 1.0

Last Revised Date: 28-02-202

Author(s): Jatindra Paul

Table of Contents

---

1. Introduction

This wireframe documentation provides a **visual and structural blueprint** for the **Alzheimer Disease Classifier** web application. The goal is to outline how users will interact with the system—from uploading MRI images to viewing results—while ensuring the interface remains clear, intuitive, and consistent.

Key Objectives:

- Allow users to **upload** MRI images easily.
- Provide a **prediction** (e.g., "mild" vs. "none") quickly and clearly.
- Offer additional **context** about Alzheimer's disease.
- Maintain a **professional** and **user-friendly** design.

---

2. Homepage

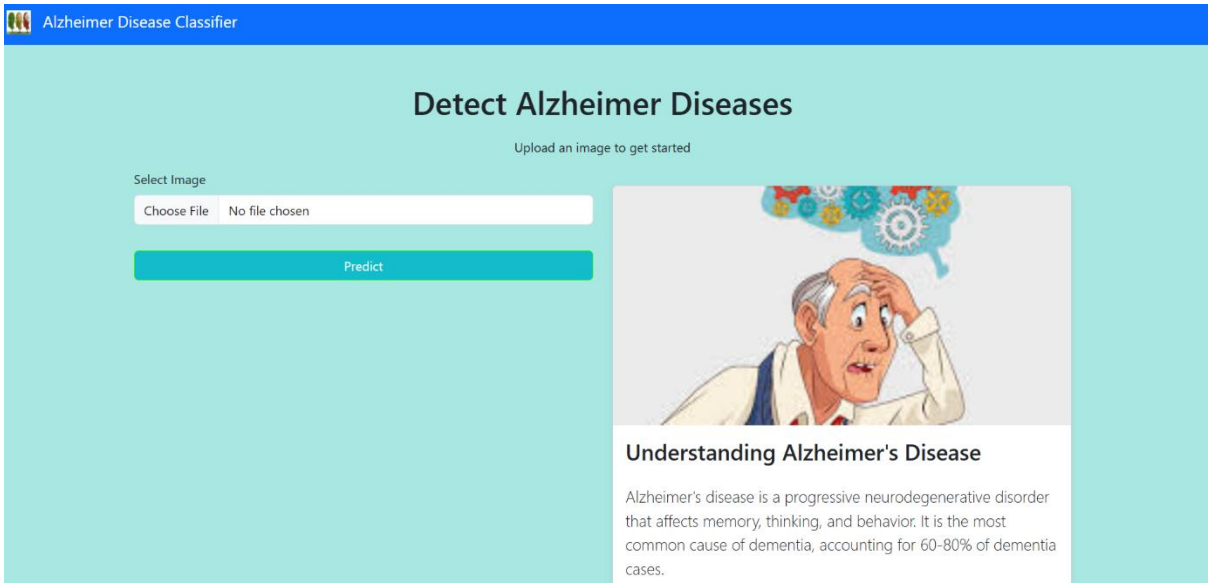
Purpose:

The **Homepage** serves as the entry point to the Alzheimer Disease Classifier. It should briefly explain the system's purpose and invite the user to begin the classification process.

Layout & Elements:

1. **Header / Logo Area**
    - Display the application name, e.g., **"Alzheimer Disease Classifier."**
    - Optional: A small logo or icon (e.g., a brain icon) for branding.
2. **Hero Section**
    - **Title:** "Detect Alzheimer's Disease" or "Early Detection of Alzheimer's."
    - **Subtitle/Tagline:** A brief sentence about the classifier's purpose, e.g., "Upload an MRI scan to assess potential Alzheimer's indicators."
    - **Upload Button / Call-to-Action:** A visible button prompting users to **"Upload MRI Scan"** or **"Get Started."**
3. **Informational Card / Section**
    - A short overview or **health tip** about Alzheimer's disease, possibly with an image of the brain or an older adult.
    - Could include a small summary about the importance of early detection.

Wireframe Sketch



---

3. Upload & Prediction Flow

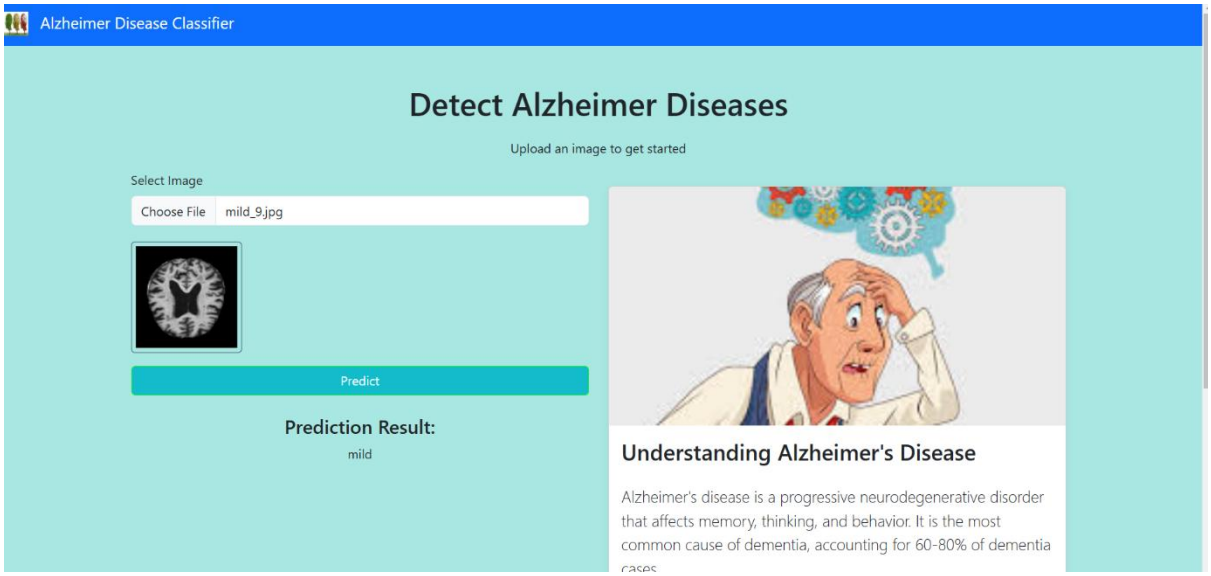
Purpose:

Once the user chooses to **upload an MRI image**, the system should guide them through the classification process quickly and transparently.

Layout & Elements:

1. **Pop-up or Dedicated Page**
    - **File Uploader** with a clear label: “Choose an image to upload.”
    - **Accepted File Formats:** .png, .jpg, .jpeg, .gif (or whichever your system supports).
    - **Predict Button:** After selecting a file, the user clicks “Predict” to initiate the classification.

Wireframe Sketch



---

4. Result Page

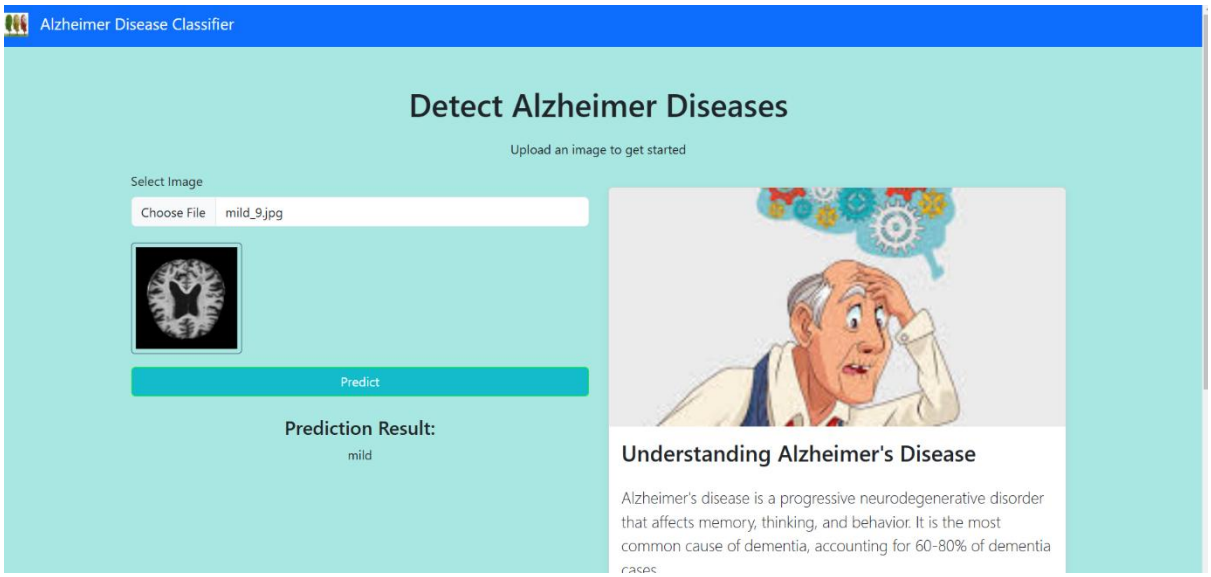
Purpose:

After the prediction is complete, the user sees the **classification result** and can view more details.

Layout & Elements:

1. **Predicted Class**
    - A prominent display of the result, e.g., "**Mild**" or "**None**."
    - Confidence score (optional): "Confidence: 92%"
2. **Explanation / Next Steps**
    - A short paragraph explaining what "Mild" or "None" might indicate.
    - Possible guidance or disclaimer: "Consult a medical professional for further evaluation."
3. **Image Preview**
    - A small thumbnail of the uploaded MRI for reference (optional).
4. **Navigation**
    - **"Back to Home"** button or link.

Wireframe



8. Conclusion

This **Wireframe Documentation** outlines the essential pages and flows for your **Alzheimer Disease Classifier**. By following this structure, you'll provide a **clear**, **user-friendly**, and **professional** interface. Adjust and refine the details (colour schemes, fonts, images) as needed to match your branding or user requirements.

Note: This document is a starting point. You can enhance it with actual sketches or digital wireframes for a more detailed visual guide.