WIREFRAME DOCUMENT

Name: **Anirban Majumder**

Course:

Decode Data Science With Machine Learning

Project Title: **Thyroid Disease Detection**

Technologies: **Machine Learning Technology**

Domain: **Healthcare**

Project Difficulty Level: **Intermediate**

Version No.: **1.0**

Last Date of Revision: **20th August, 2024**

DOCUMENT VERSION CONTROL

Date	Version	Description	Author
20.08.2024	1.0	Wireframe Document: V1.0	Anirban Majumder

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1. ABSTRACT

A detailed overview of the web application's user interface (UI) design can be found in the Wireframe Documentation for the Thyroid Disease Detection project, which acts as a visual blueprint. The wireframes and screenshots of the live webpage are included in this document to show the design, organisation, and functional components of the online application. The web application allows users to input pertinent data and receive real-time predictions based on a machine learning model, making it easier to predict thyroid diseases.
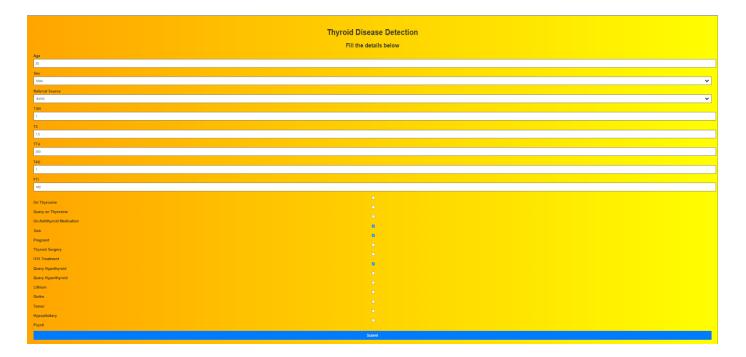
The location of interactive features, navigational pathways, and visual hierarchies are all mapped out in the wireframes, which are essential tools for establishing the user experience (UX). This documentation helps to ensure consistency and alignment between the design goal and the final implementation by providing a clear, visual depiction of the UI design. Additionally, it acts as a point of reference for upcoming improvements, allowing programmers and designers to keep the application's user experience consistent even while they iterate on it. This document is crucial for developers to make sure the application satisfies both functional and aesthetic criteria, as well as for stakeholders to comprehend the design intent.

2. **INTRODUCTION**

The Wireframe Documentation serves as a comprehensive visual depiction of the Thyroid Disease Detection web application's user interface design. By providing an organised and unambiguous layout of the web application's several displays and interactive components, this document seeks to close the gap between design and development. This documentation makes sure that everyone involved has a common knowledge of the look, feel, and functionality of the program by providing both wireframes and real screenshots.

The home page, data input forms, submission procedures, and the results display message are all included in the scope of this guide. Every component in the program has been meticulously illustrated to emphasise its placement, purpose, and connections to other elements. This paper serves as a clear guide for developers converting wireframes into functional code, which is essential for preserving design consistency throughout the development process. It also forms the basis for user experience testing, which guarantees that the finished product satisfies user needs and is in line with the original design concept.

3. USER INTERFACE

> ➢ A colorful user interface opens, as it is evident from the above picture.
> ➢ The client is required to fill all the fields.
> ➢ The above fields are to be typed by the client, except the two columns of "Sex" and "Referral Source", where options are available in the dropdown menu.
> ➢ The lower fields are to be filled by the client, if they are true.
> ➢ Upon filling up all the relevant fields, the Submit button needs to be clicked, in order to get the Result.

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4. CONCLUSION

A thorough illustration of the web application's user interface that captures the key components of the structure and functionality of the design completes the Wireframe Documentation for the Thyroid Disease Detection project. This document guarantees that the design intent is appropriately communicated and carried out throughout the development stage by painstakingly describing the user interface components using wireframes and screenshots.

The documentation acts as a vital source of information, giving stakeholders, developers, and designers a cohesive grasp of the application's user interface. It makes it easier for team members to communicate effectively, which lowers the possibility of differences between the original design and the finished result. Additionally, as the web application develops, this document will serve as the foundation for upcoming upgrades and iterations, enabling consistent and well-informed design choices.

To sum up, the Wireframe Documentation is a crucial tool in the project's lifecycle that helped create a visually appealing, functionally sound, and user-friendly web application for predicting thyroid disease. This ultimately improved the project's overall performance and user satisfaction.