

Heart & Care

A Web Tech - II Project

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Introduction

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- This project helps in predicting the condition of your heart, given some unput parameters.
- The user has to key-in the following details :
 - Age
 - Location
 - Gender
 - Chest pain typr
 - Resting blood pressure
 - Serum Cholesyerol
 - Fasting blood sugar
 - And so on ...
- The server takes these as input and predicts whether your heart is healthy or not.

Technologies and Frameworks Used

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- Client side:
 - HTML
 - CSS
 - Javascript
- Flask (Python) framework
- Django for Database

AJAX Patterns Used

- Multi-stage download
 - Used in the Home page for loading the image and video.
- Predictive fetch
 - Used to display the list of doctors in your place i,n case of an unhealthy heart.

Intelligent Component

- SVM (Support Vector Machine) algorithm is used to predict the condition of the heart.
- Support Vector Machines (SVM) can be employed for classification and regression, but this algorithm is chiefly used in classification problems that require division of a dataset into two classes by a hyperplane
- The algorithm takes in the user input and based on the already existing data predicts whether the heart is healthy or not.

Thank You