Baymax
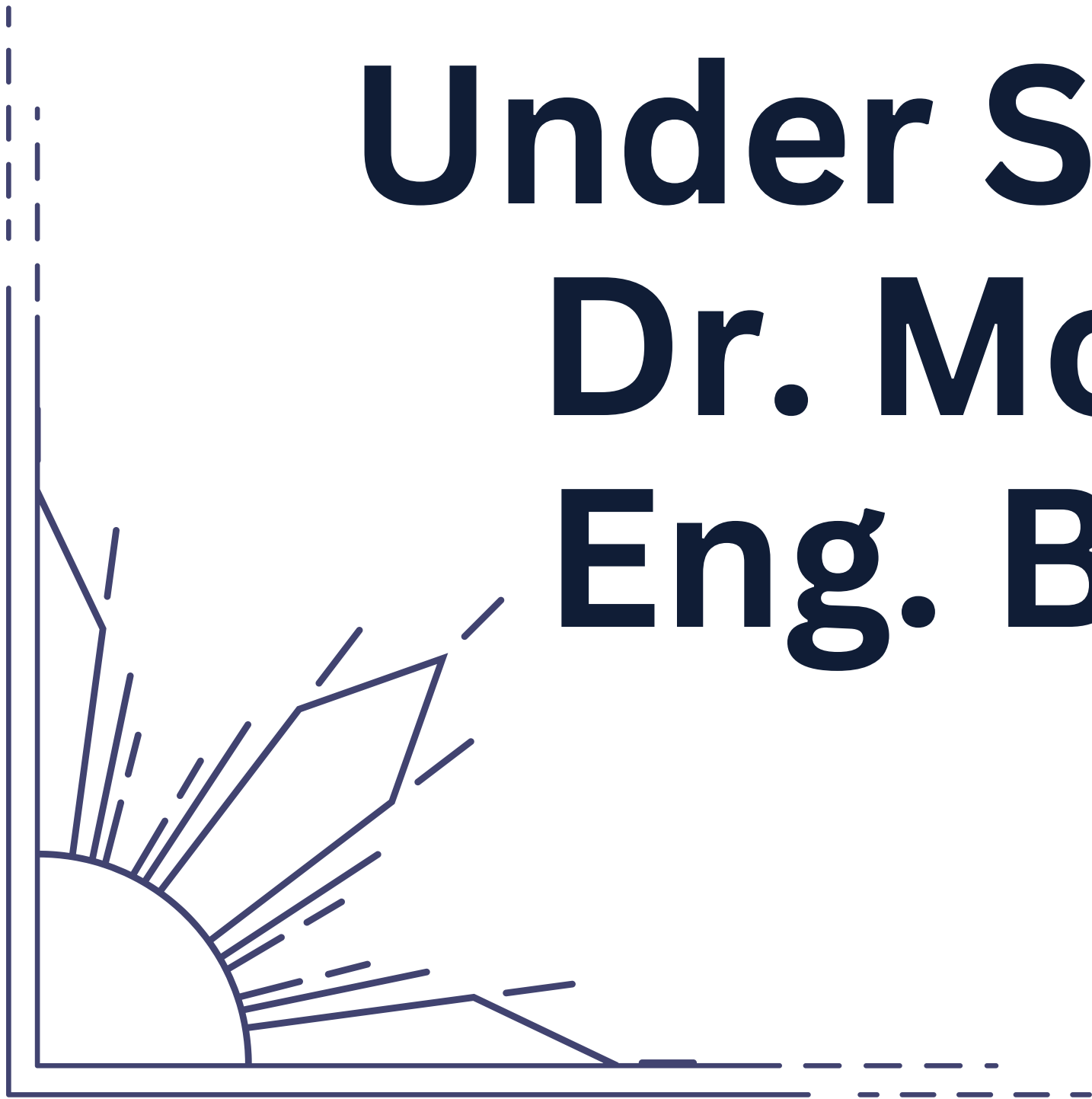
Under Supervision of:
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Eng. Belal Hassan

Yomna Taher

Adel Abd-elmoneam

Marwan Mohamed

Yousef Hesham

Rabab Soliman

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Introduction

We know that our health is the most important thing for us and we always try to care about it. For the last few years we see that the death rate is increasing for many reasons, one of them is heart diseases

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scope & objectives

We try to be closer to the patient to help him in detecting the disease early by collecting as much data as possible about patients to build a more efficient and fast learning model.

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Related work

Figure.1 App

UpToDate App

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Datasets

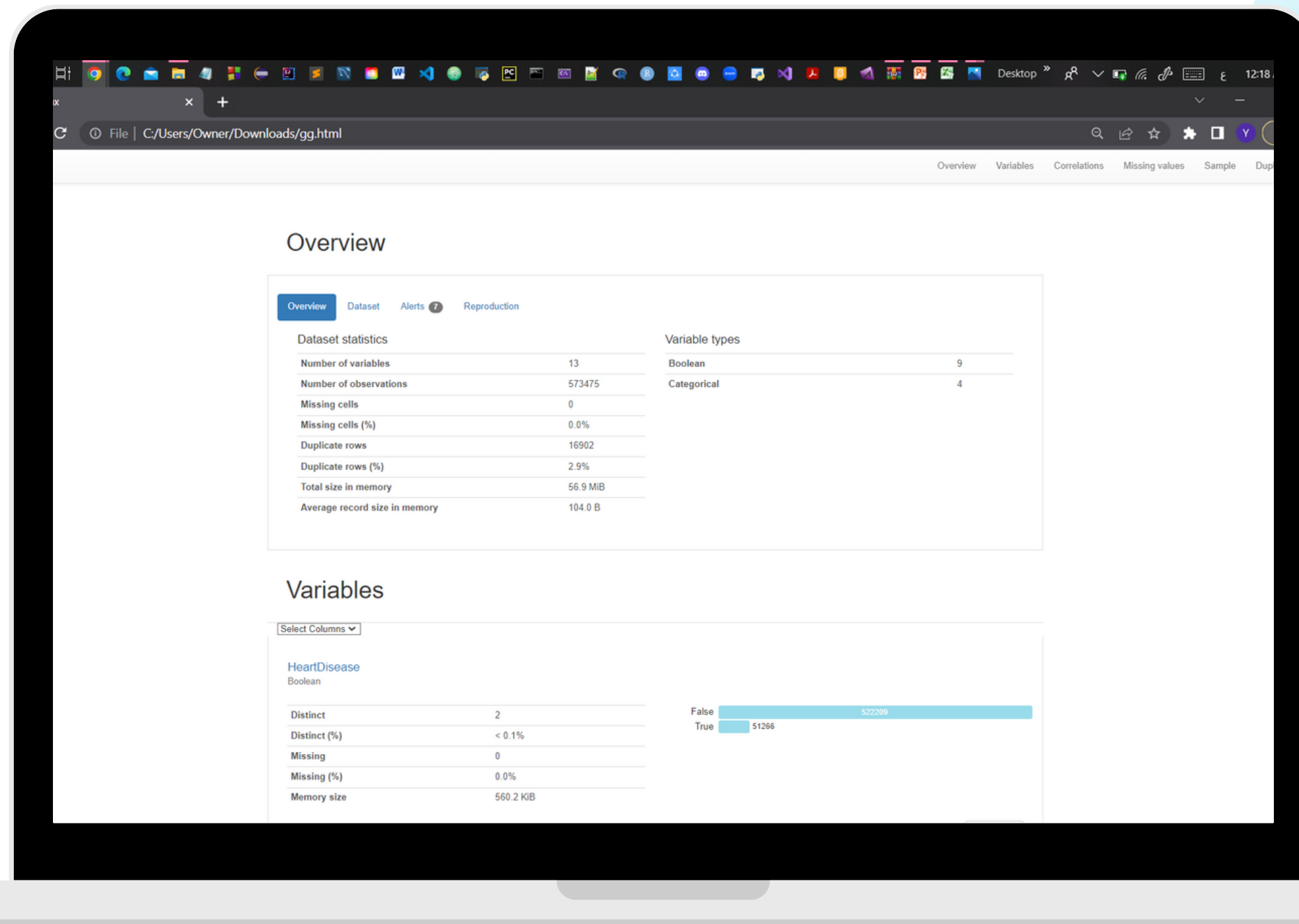This is the important part of the project , so we search a lot.
In the end...
We found 2 datasets to use in our project the first is 22 features & the second is 18 features.
They included important information about patients, such as Heart Disease or Attack, cholcheck, smoker, Age, sex...etc

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Dataset description

Methodology

We try to be closer to the patient to help him in detecting the disease early by collecting as much data as possible about patients to build a more efficient and fast learning model.
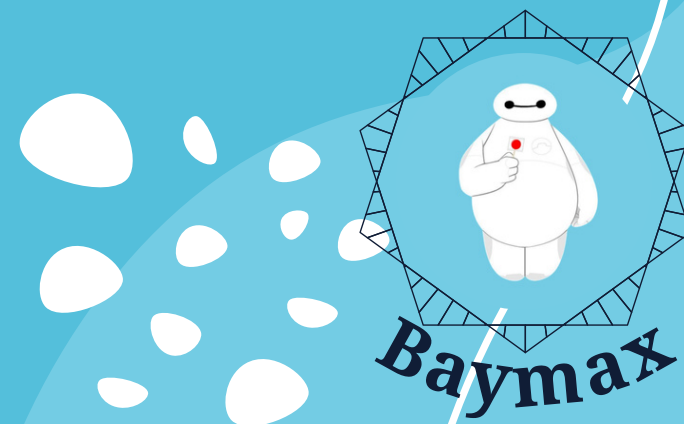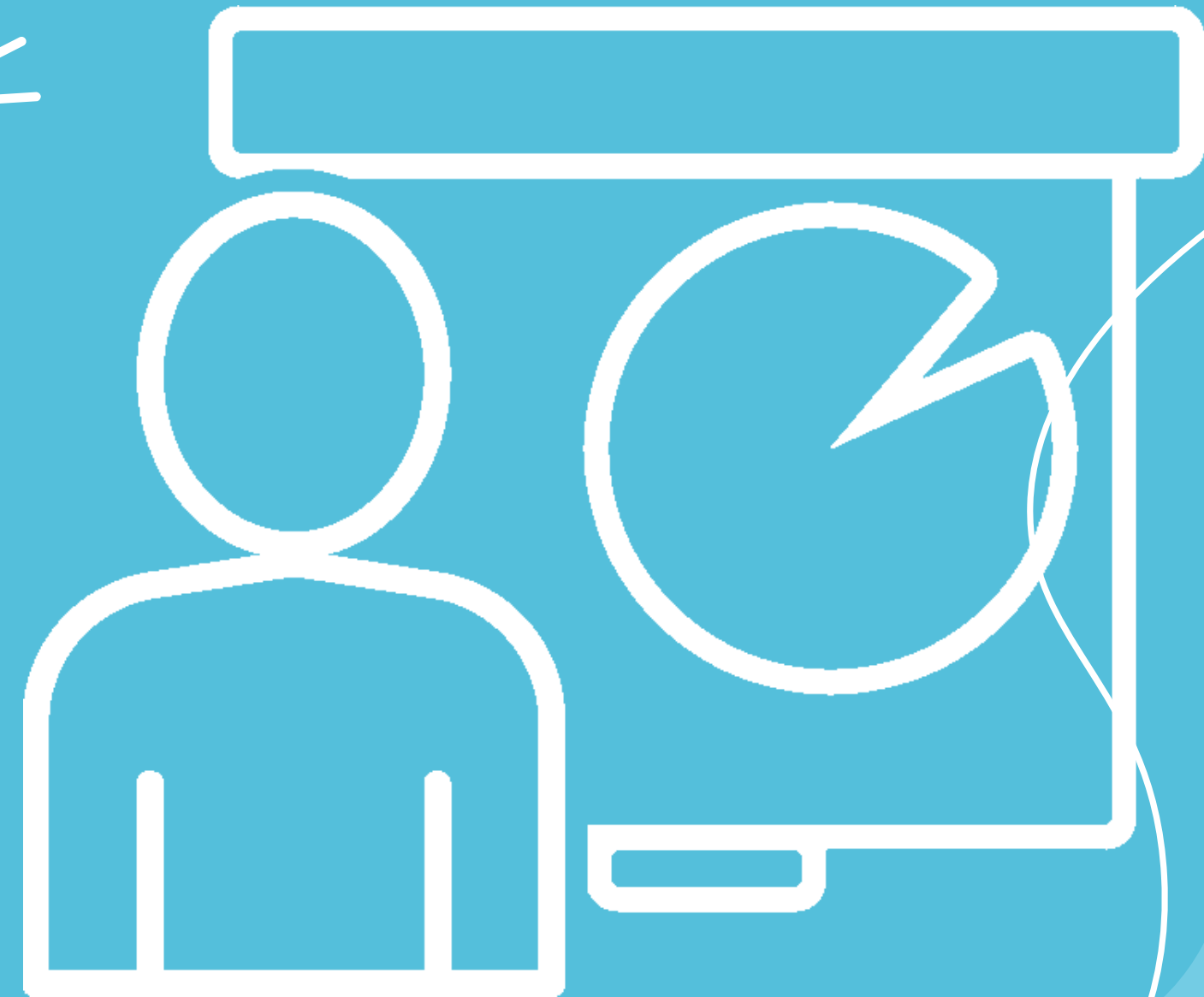
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Model

The model is in the train phase....we try to find the best solution for imbalanced data. We found some algorithms like Resample with different ratios, Smote, XGBOOST model and other algorithms.
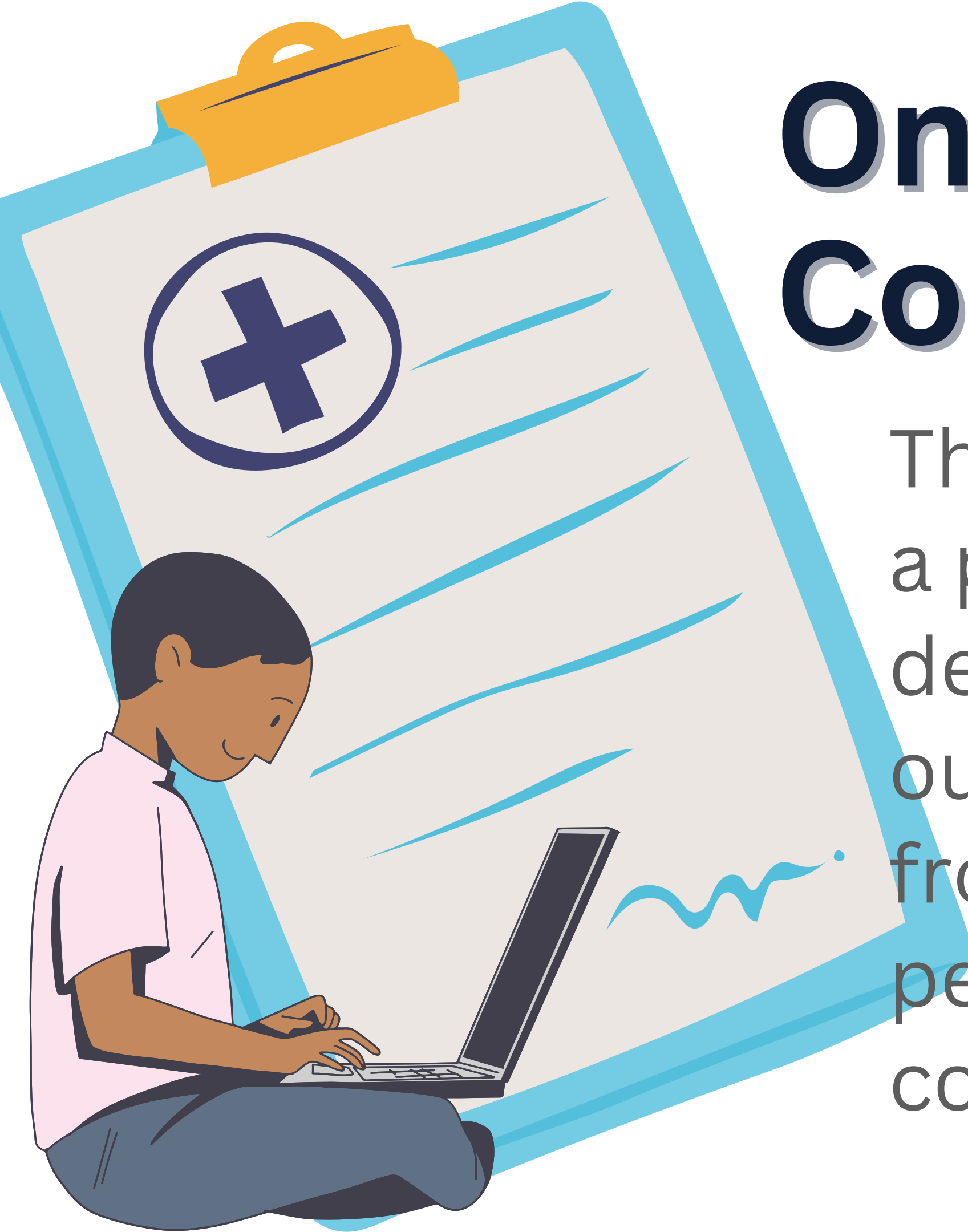
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Business model

we hope that our project won't end here...we try to cover all faces of it to be prepared for using in the society.
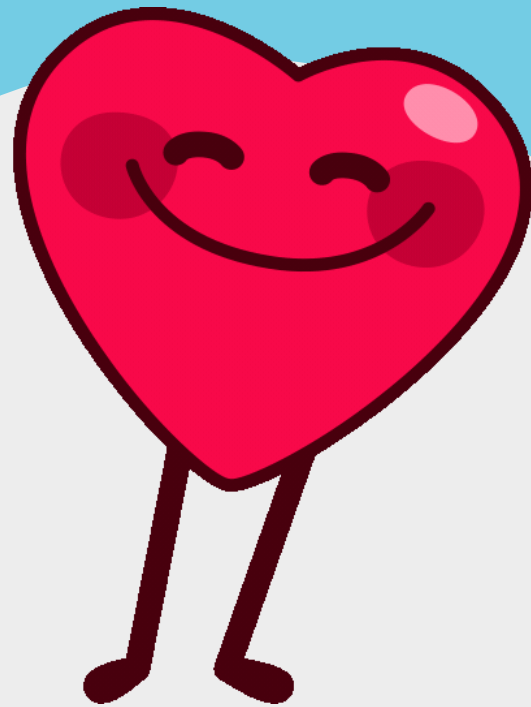
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Online Medical Consultation

There isn't anyone now without a phone or other connection device....so we want to upgrade our project to help everyone from his place and be his personal health care companion.
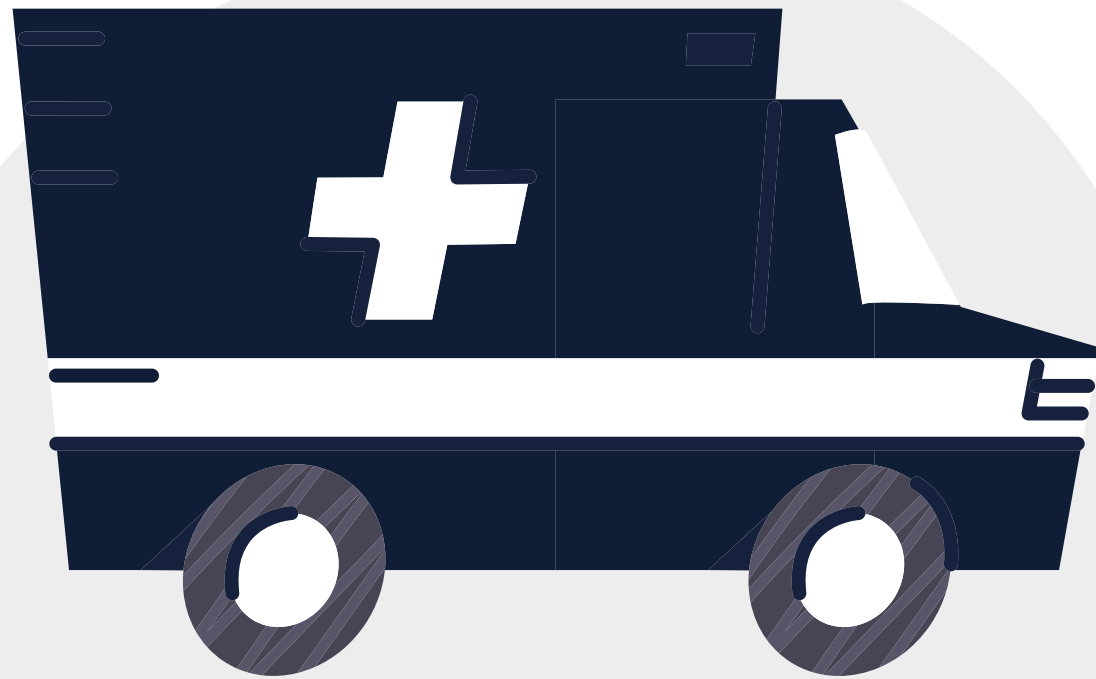
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Best Medical Service
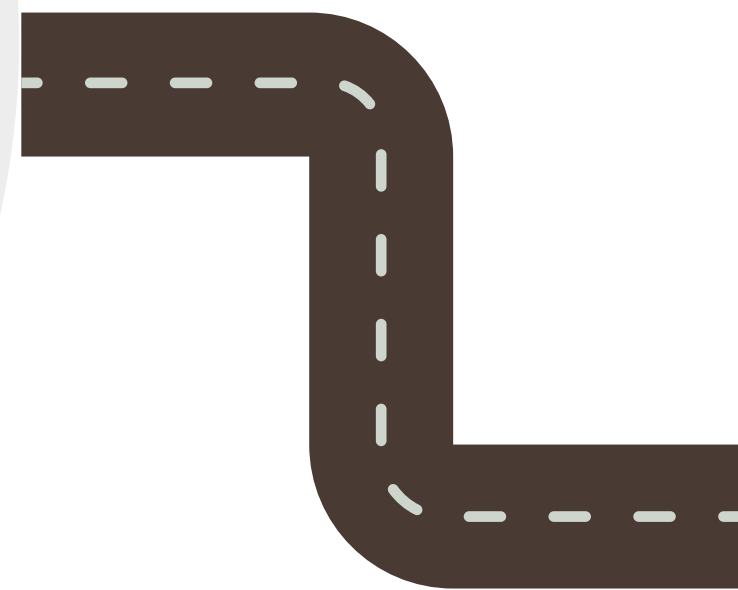
Medical
Checkup

Professional
Doctor

Emergency
Service

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How To Help...!

Emergency Service

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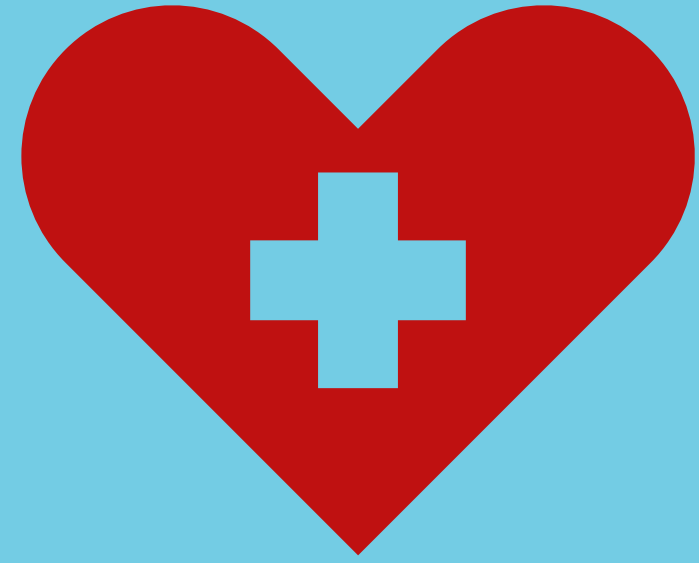
Your Health
Is Our Priority

"اللهم اشف مرضانا ومرضى المسلمين شفاءً لا يغادر سقماً، اللهم يا من تعيد المريض لصحته، وتستجيب دُعاء البائس، اشفِ كل مريض".

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Thank You

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