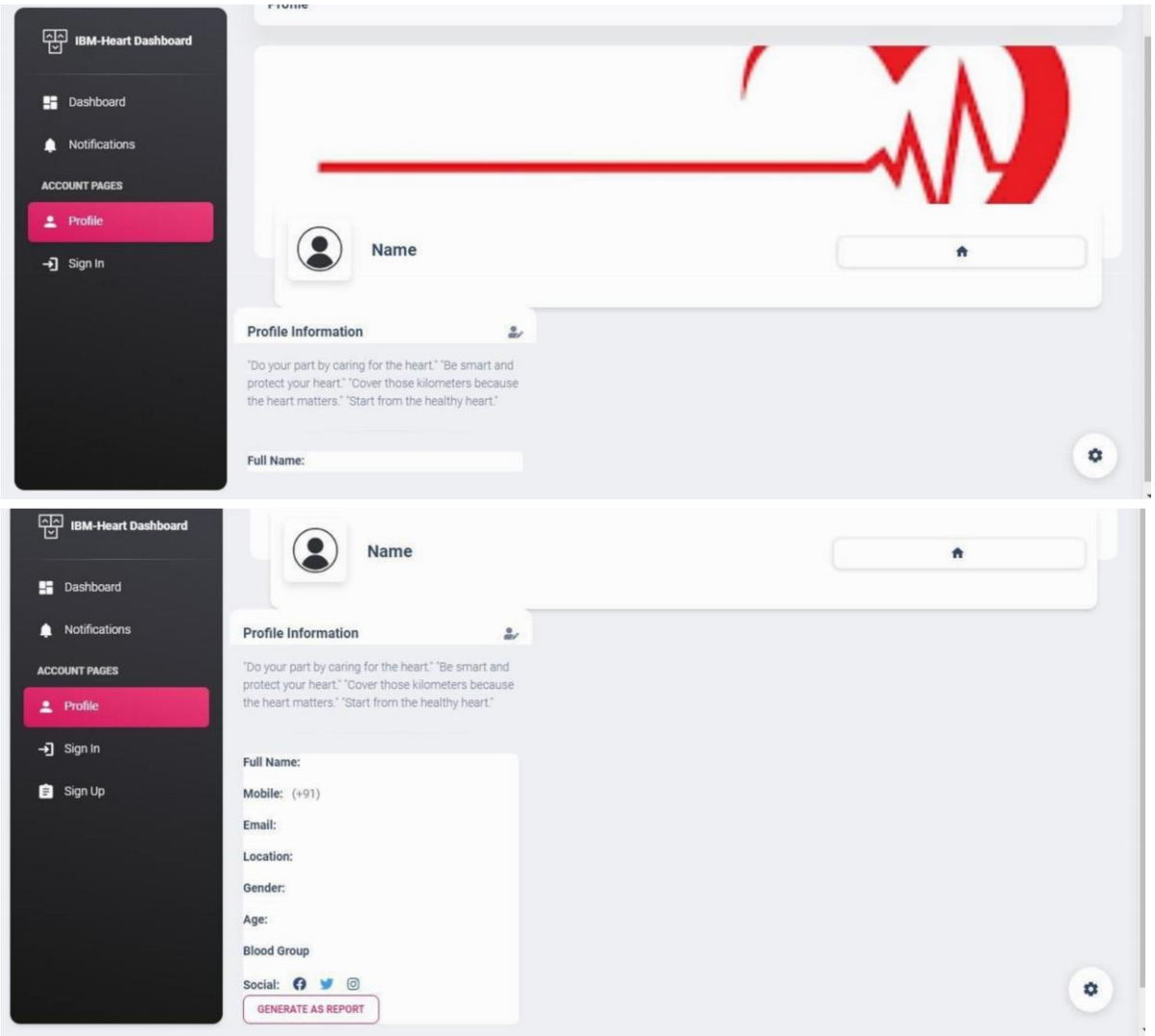
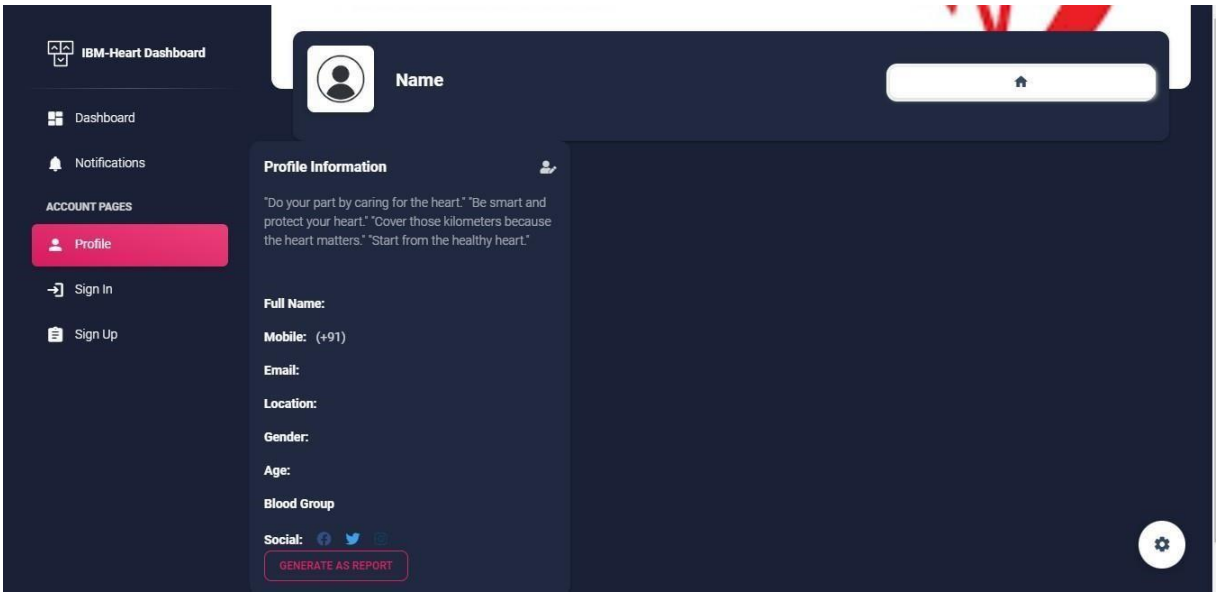
Project Development Phase

Date	02 November 2022
Team ID	PNT2022TMID51181
Project Name	Project – Visualizing and Predicting Heart Diseases with an Interactive Dashboard

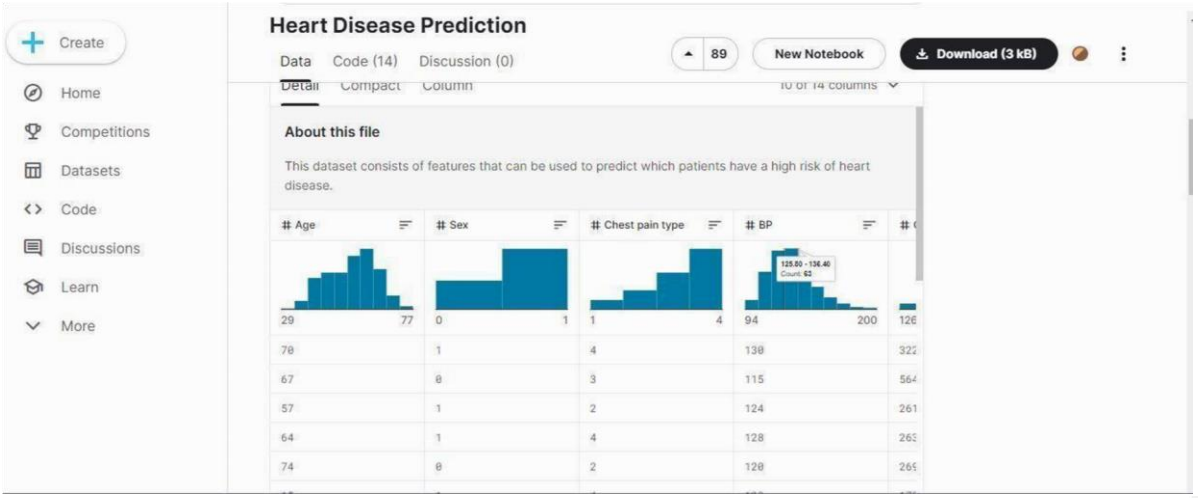
Sprint-2

Profile- To Know the User about Him/Her Information and provide to Generate the Report for his Analysis





Dataset collection - The data required for analysis and prediction must be collected from various sources,Collecting Dataset from Different Site.

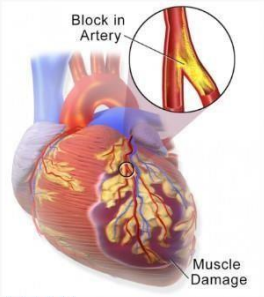


Attribute Information:

Only 14 attributes used:
1. #3 (age)
2. #4 (sex)
3. #9 (cp)
4. #10 (trestbps)
5. #12 (chol)
6. #16 (fbs)
7. #19 (restecg)
8. #32 (thalach)
9. #38 (exang)
10. #40 (oldpeak)
11. #41 (slope)
12. #44 (ca)
13. #51 (thal)
14. #58 (num) (the predicted attribute)

Complete attribute documentation:
1 id: patient identification number
2 ccf: social security number (I replaced this with a dummy value of 0)
3 age: age in years
4 sex: sex (1 = male; 0 = female)
5 painloc: chest pain location (1 = substernal; 0 = otherwise)
6 painexer (1 = provoked by exertion; 0 = otherwise)
7 relrest (1 = relieved after rest; 0 = otherwise)
8 pncaden (sum of 5, 6, and 7)
9 cp: chest pain type
-- Value 1: typical angina
-- Value 2: atypical angina
-- Value 3: non-anginal pain
-- Value 4: asymptomatic
10 trestbps: resting blood pressure (in mm Hg on admission to the hospital)
11 htn
12 chol: serum cholestoral in mg/dl
13 smoke: I believe this is 1 = yes; 0 = no (is or is not a smoker)
14 cigs (cigarettes per day)
15 years (number of years as a smoker)
16 fbs: (fasting blood sugar > 120 mg/dl) (1 = true; 0 = false)
17 dm (1 = history of diabetes; 0 = no such history)
18 famhist: family history of coronary artery disease (1 = yes; 0 = no)

HEART DISEASE DATASET (COMPREHENSIVE)



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Links: A database for using machine learning and data mining techniques for coronary artery disease diagnosis
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Categories: Machine Learning
Health
Biomedical and Health Sciences
Keywords: Heart Disease, Coronary artery disease, Cardiovascular disease, heart disease dataset