

PROJECT DESIGN PHASE-I

SOLUTION ARCHITECTURE

DATE	26 OCTOBER 2022
TEAM ID	PNT2022TMID34422
PROJECT NAME	VISUALIZING AND PREDICTING HEART DISEASES WITH AN INTERACTIVE DASH BOARD
MAXIMUM MARKS	4 MARKS

SOLUTION ARCHITECTURE

- THE LEADING CAUSE OF DEATH IN THE DEVELOPED WORLD IS HEART DISEASE.
- THEREFORE, THERE NEEDS TO BE WORK DONE TO HELP PREVENT THE RISKS OF HAVING A HEART ATTACK OR STROKE.
- BASED ON THE ANALYTICS WE CAN ANALYSE WHICH PATIENTS ARE MOST LIKELY TO SUFFER FROM HEART DISEASE IN THE NEAR FUTURE AND BASED ON THE PATIENTS DETAILS WE WILL TAKE DECISIONS TO CURE THEM.
- THE SOLUTION IS THE EARLY DETECTION OF THE HEART DISEASE THROUGH THE VARIATIONS IN THE HEART RHYTHM USING AN INTERACTIVE DASHBOARD IN THIS TECHNOLOGICAL WORLD THROUGH THE WEB APPLICATION.
- THIS OFFERS UNIQUE INSIGHTS THAT IT MONITOR THE USER'S HEART RHYTHMS AT THE SPECIFIC INSTANCE AND COLLECTS THE DATA TO PREDICT ABOUT THE USER'S HEALTH CONDITION.
- IT SAVES LIVES AND HEALTH MONITORING.

