

HeartiHealth
Solution
Design



Hearti Health

PROBLEM - NEED

1. India has a population of **1.3 Billion** and witnessing nearly **2 Million** Heart Attacks a Year
2. The frequency of **heart disease** in young Indians is **15-18%** higher than in any other population group globally.
3. An average Indian spends **2Lakhs** on a Heart Surgery to mitigate Risk of Heart Attack

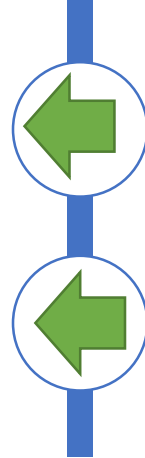
KEY STATISTICS :

1. 23% of **Heart Failure** Patients **die** within 1 Year of Diagnosis.
2. The number of people diagnosed worldwide is expected to increase to **8 million by 2030**
3. Every year Heart Failure costs the world economy **\$108 billion**

Sl. No.	Module	User Stories
1	User Registration	User should be able to register to application using Facebook or LinkedIn account or by uploading EHR form, so that user can get access to the application
2	User Authentication	User should be able to authenticate himself through single sign-on, OTP or biometric to the HealthiHeart application, so that user can get access to the application
3	Health Predictors	User should be able to provide the details on the health predictor form and click on calculate to get the result , so that user can view his heart condition and get cured if result says "you may have a chance of getting heart attack in future.
4	Health Predictors	User should be able to view health predictor form details and the result, which is already added in the system, so that user will have the history of data added in the system

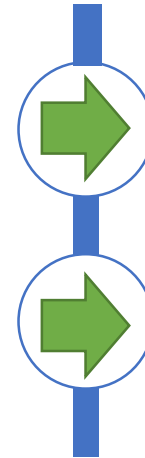
REPORTS AND DASHBOARD

**Total Heart Attacks Predicted VS
Heart Patient Cured**

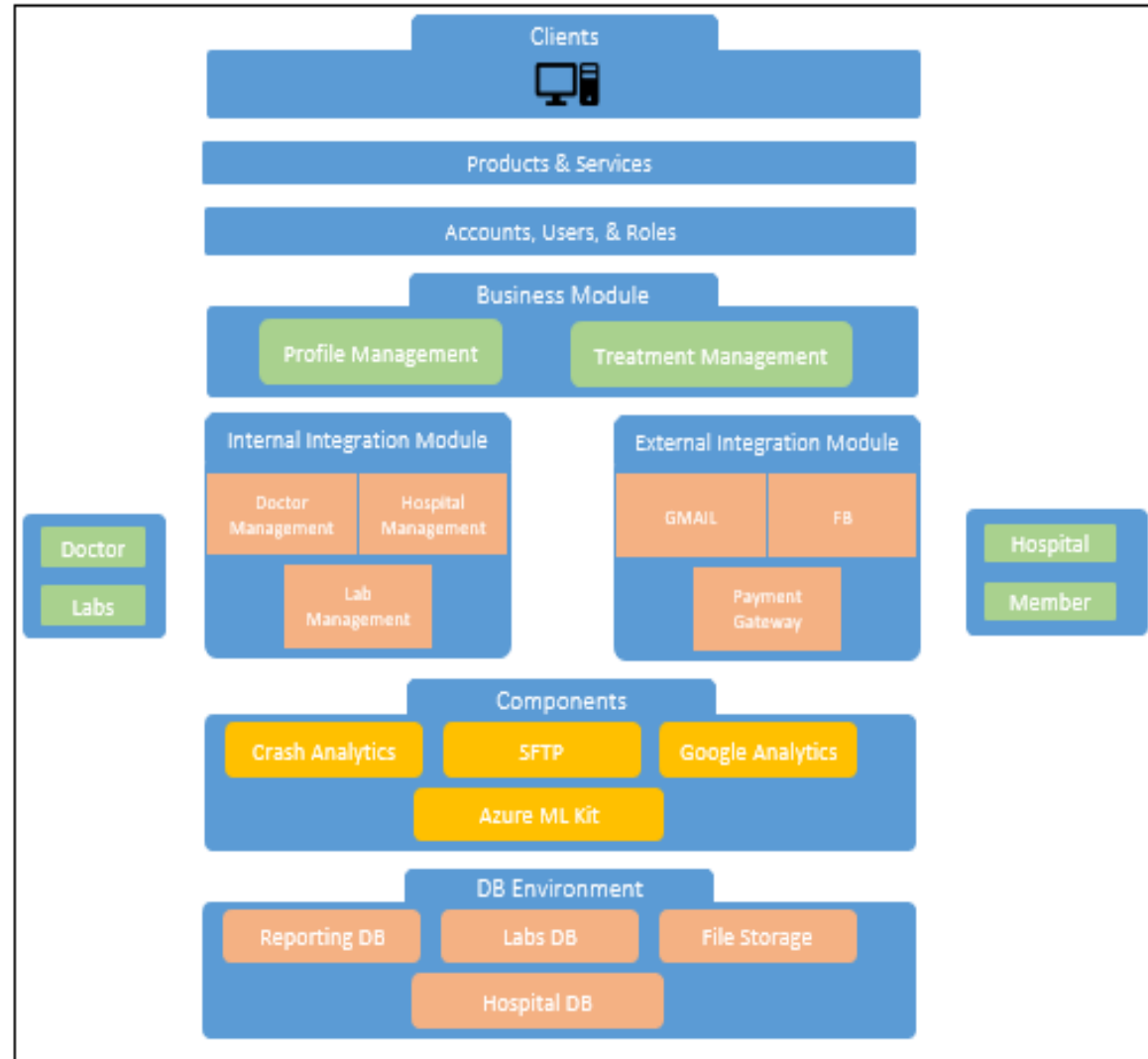


**Live Reports of patient predicted
Heart attack in Every 1 Hour**



**Gender Wise Distribution of Patient
predicted heart attack**











**Age Wise Distribution of Patient
predicted heart attack**



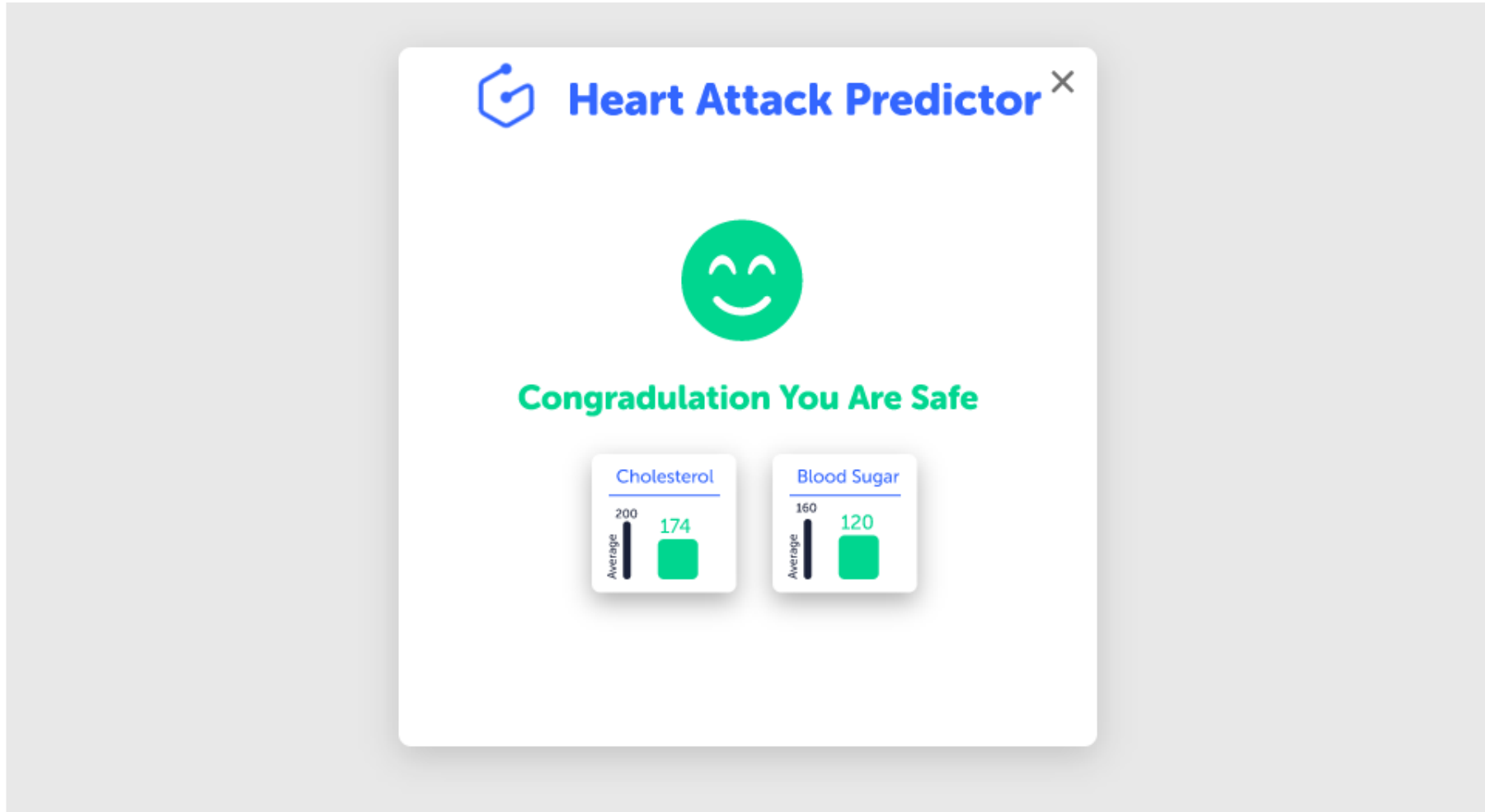
WIRE FRAMES FOR FEATURES

 **Heart Attack Predictor** 

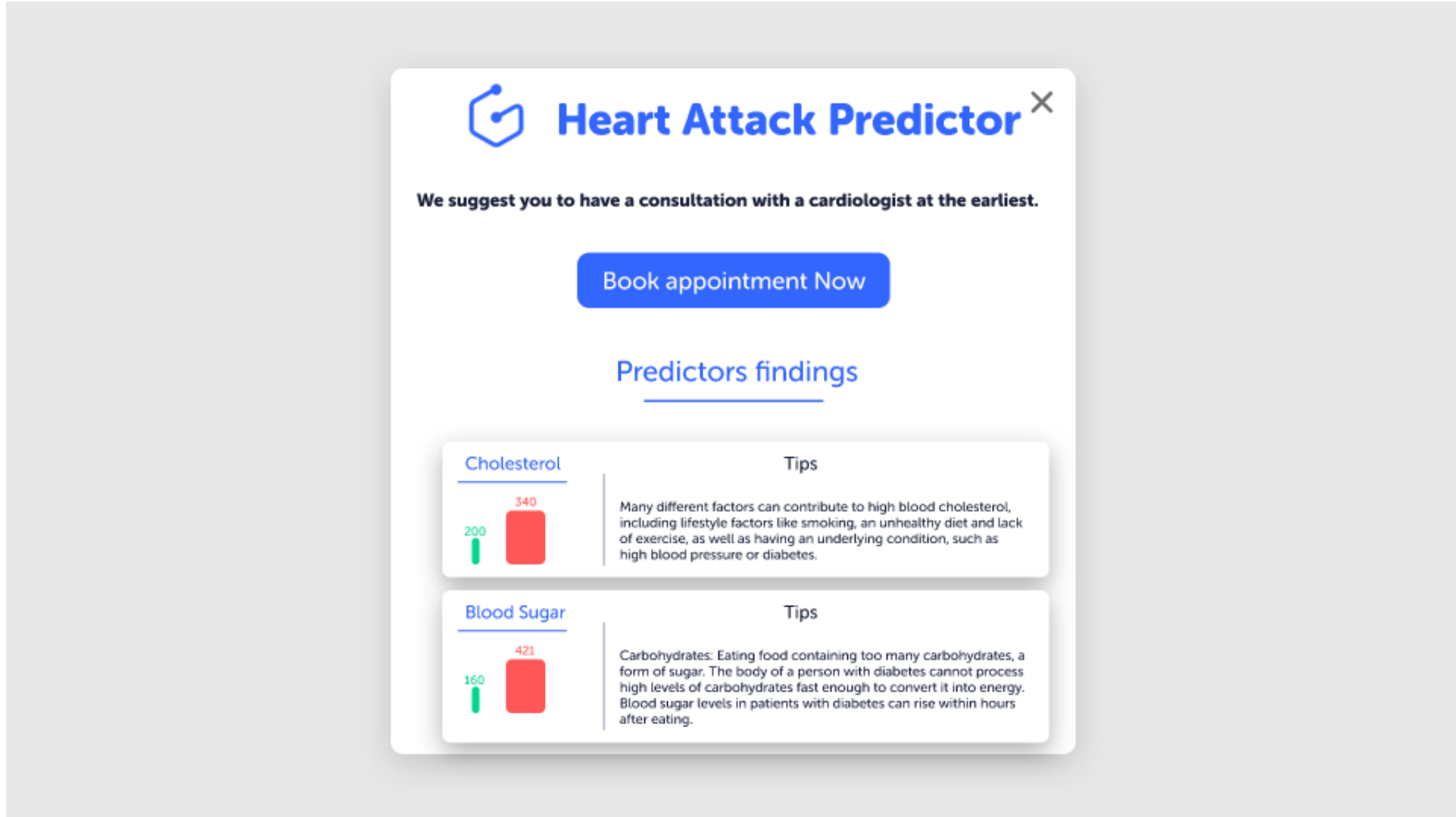
What's your age group? <small>Ex: 32</small> <input type="text"/>	Gender <input checked="" type="radio"/> Male <input type="radio"/> Female	Do you experience Chest pain? <input checked="" type="radio"/> Yes <input type="radio"/> No	Blood pressure level <small>Ex: 345</small> <input type="text"/> 
Cholesterol level <small>Ex: 140</small> <input type="text"/> 	Fasting blood sugar level <small>Ex: 323</small> <input type="text"/> 	Resting electrocardiographic? <input checked="" type="radio"/> Positive <input type="radio"/> Negative	Maximum heart rate achieved <small>Ex: 323</small> <input type="text"/> 
Exercise include angina <input checked="" type="radio"/> Yes <input type="radio"/> No	Depression induced by exercise <small>Enter in range from 0 - 10</small> <input type="text"/> 	Slope of the peak exercise <small>Enter in range 0 - 1</small> <input type="text"/> 	Vessels colored by flourosopy <small>Enter in range 0 - 3</small> <input type="text"/> 
Thalassemia level <small>3 = normal, 6 = fixed defect, 7 = reversible defect</small> <input type="text"/> 			

Calculate now

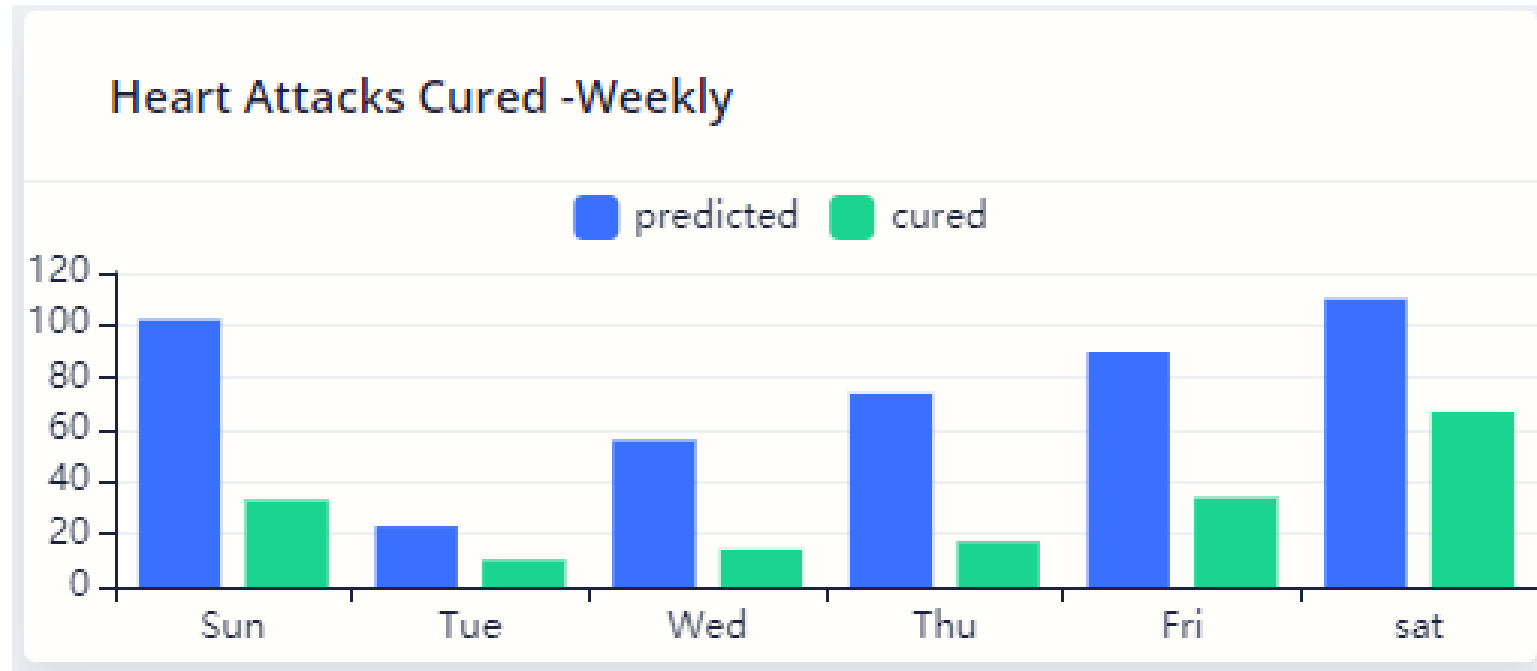
WIRE FRAMES FOR FEATURES



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WIREFRAMES FOR REPORTS AND DASHBOARD



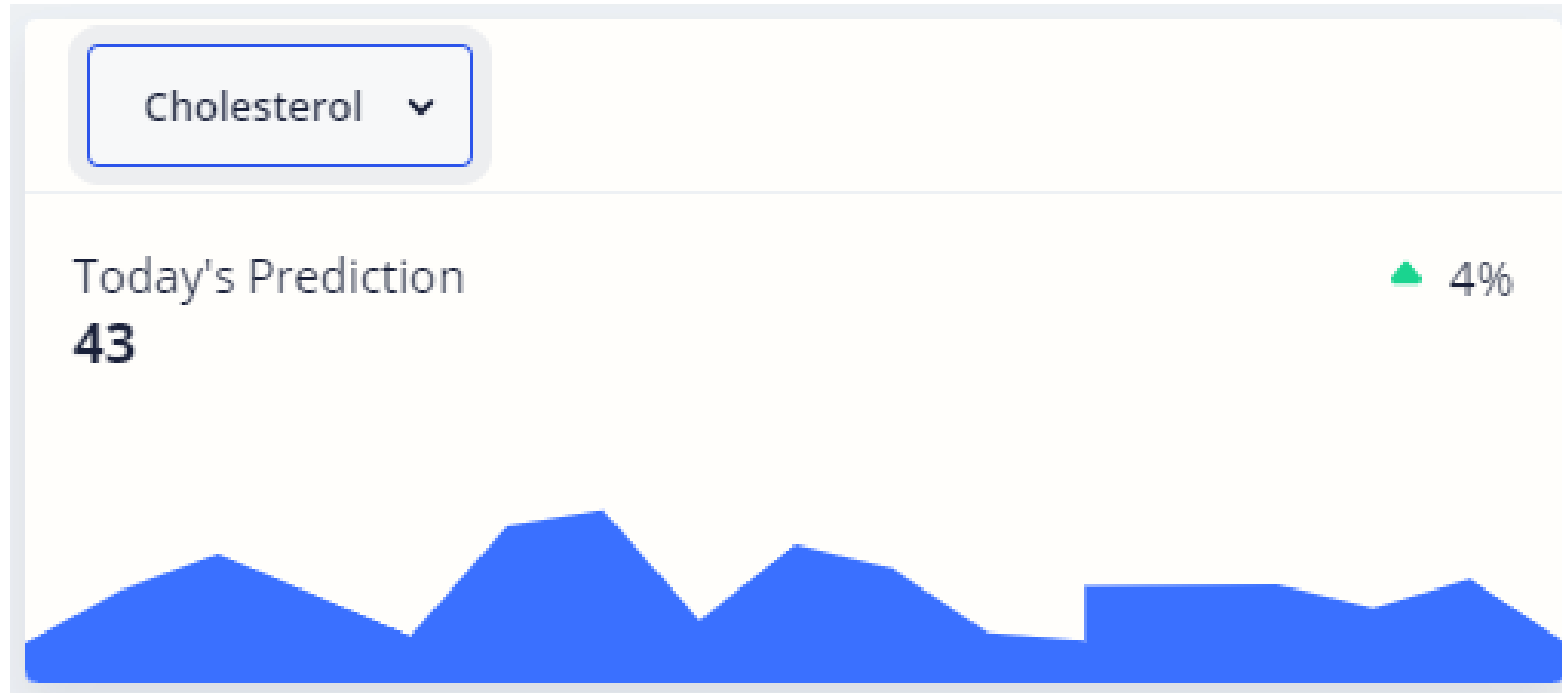
WIREFRAMES FOR REPORTS AND DASHBOARD



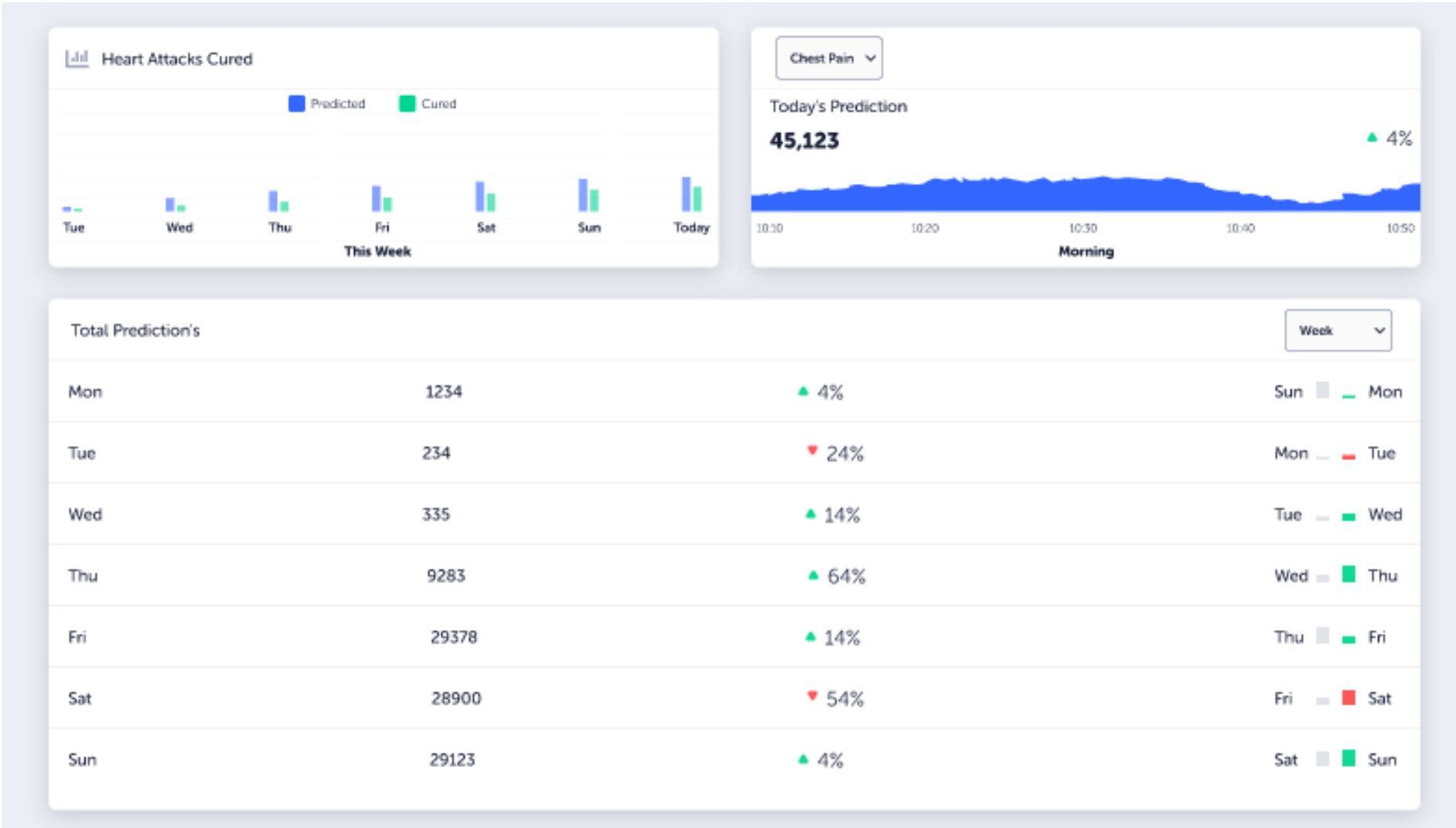
WIREFRAMES FOR REPORTS AND DASHBOARD

Total Prediction			week 	
Sun	2	 10%	Sat	  Sun
Sat	2	 10%	Fri	  Sat
Fri	2	 10%	Thu	  Fri
Thu	2	 10%	Wed	  Thu
Wed	2	 10%	Tue	  Wed
			 	

WIREFRAMES FOR REPORTS AND DASHBOARD



WIREFRAMES FOR REPORTS AND DASHBOARD



*Thank
you*

