**Heart Disease Prediction System**

| **Feature** | **Your Software (89% Accuracy)** | **PREDICT** | **MyBVI** | **Predictis (87.5% Accuracy)** |
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| **Cardiovascular Prediction** | ✅ | ✅ | ❌ | ✅ |
| **Heart Disease Prediction** | ✅ | ✅ | ❌ | ✅ |
| **Heart Stroke Prediction** | ✅ | ❌ | ❌ | ❌ |
| **Diabetes Prediction** | ✅ | ❌ | ✅ | ❌ |
| **Heart Failure Prediction** | ✅ | ❌ | ❌ | ❌ |
| **Coronary Artery Prediction** | ✅ | ❌ | ❌ | ❌ |
| **Risk Diagnosis Module Using Chatbot** | ✅ | ❌ | ❌ | ❌ |
| **Lifestyle Assessment** | ✅ | ❌ | ✅ | ❌ |
| **Fitness Tracker** | ✅ | ❌ | ❌ | ❌ |
| **Community Support** | ✅ | ❌ | ❌ | ❌ |
| **Doctor/User/Admin Management** | ✅ | ❌ | ❌ | ❌ |
| **Doctor Appointment Module** | ✅ | ❌ | ❌ | ❌ |
| **Reported Accuracy** | 79% to 90% | *Not Available* | *23% more accurate than BMI* | **87.5%** |

**Software Overview**

1. **PREDICT**: A web-based decision support system for cardiovascular disease (CVD) risk assessment and management. It has been widely adopted in New Zealand and is backed by extensive clinical studies. However, specific accuracy metrics are not readily available.
2. **MyBVI**: A mobile app that assesses health risks (heart disease, stroke, diabetes) using AI-based body composition analysis. It is **23% more accurate than BMI** in predicting obesity-related risks but lacks direct heart disease prediction.
3. **Predictis**: A machine-learning-based system designed to predict cardiovascular disease risk levels. It has a reported prediction accuracy of **87.5%**.