

1. **Introduction**

The purpose of this document is to provide a comprehensive overview of the project's objectives, scope, and deliverables. It serves as a reference for all stakeholders involved in the project.

2. **Objectives**

The primary objectives of the project are to:

- Develop a robust system architecture.
- Implement a scalable database solution.
- Ensure high availability and security.

3. **Scope**

The project scope includes the design, development, testing, and deployment of the system. It also encompasses the documentation of all components and the training of end-users.

4. **Deliverables**

The key deliverables of the project are:

- System architecture diagram.
- Database schema design.
- Source code and binaries.
- Test plans and results.
- Deployment instructions.

5. **Conclusion**

This document outlines the project's goals and the steps required to achieve them. It is a living document that will be updated as the project progresses.

1. General Information Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____	
2. Financial Information Income: _____ Expenses: _____ Savings: _____ Debt: _____	3. Health Information Age: _____ Weight: _____ Height: _____ Blood Pressure: _____ Cholesterol: _____ Diabetes: _____ Asthma: _____ Allergies: _____
4. Education Information School: _____ Grade: _____ Teacher: _____ Student ID: _____	5. Employment Information Employer: _____ Job Title: _____ Salary: _____ Benefits: _____ Work Schedule: _____
6. Social Information Friends: _____ Family: _____ Hobbies: _____ Sports: _____ Travel: _____	7. Other Information Marital Status: _____ Children: _____ Pets: _____ Vehicles: _____ Insurance: _____

Section 1: Personal Information

Name: _____ Date: _____

Section 2: Academic Information

Grade: _____

Section 3: Teacher Information

Teacher's Name: _____

Section 4: Student Information

Student's Name: _____

Section 5: Parent Information

Parent's Name: _____

Section 6: School Information

School Name: _____

Section 7: Additional Information

Comments: _____

Table 1: Summary of the data	
Variable	Description
Age	Age in years
Gender	Male/Female
Height	Height in cm
Weight	Weight in kg
BMI	Body Mass Index (kg/m ²)
Waist Circumference	Waist circumference in cm
Heart Rate	Heart rate in beats per minute
Blood Pressure	Blood pressure in mmHg
Glucose	Glucose in mg/dL
Cholesterol	Cholesterol in mg/dL
Triglycerides	Triglycerides in mg/dL
HDL	HDL in mg/dL
LDL	LDL in mg/dL
CRP	C-reactive protein in mg/L
Insulin	Insulin in mU/L
HbA1c	HbA1c in %
Diabetes	Diabetes status (Yes/No)
Hypertension	Hypertension status (Yes/No)
Hyperlipidemia	Hyperlipidemia status (Yes/No)
Obesity	Obesity status (Yes/No)
Metabolic Syndrome	Metabolic Syndrome status (Yes/No)
Cardiovascular Disease	Cardiovascular Disease status (Yes/No)
Stroke	Stroke status (Yes/No)
Heart Failure	Heart Failure status (Yes/No)
Coronary Artery Disease	Coronary Artery Disease status (Yes/No)
Angina Pectoris	Angina Pectoris status (Yes/No)
Myocardial Infarction	Myocardial Infarction status (Yes/No)
Peripheral Vascular Disease	Peripheral Vascular Disease status (Yes/No)
Chronic Kidney Disease	Chronic Kidney Disease status (Yes/No)
Chronic Liver Disease	Chronic Liver Disease status (Yes/No)
Chronic Lung Disease	Chronic Lung Disease status (Yes/No)
Chronic Pancreatic Disease	Chronic Pancreatic Disease status (Yes/No)
Chronic Intestinal Disease	Chronic Intestinal Disease status (Yes/No)
Chronic Urinary Disease	Chronic Urinary Disease status (Yes/No)
Chronic Reproductive Disease	Chronic Reproductive Disease status (Yes/No)
Chronic Mental Disease	Chronic Mental Disease status (Yes/No)
Chronic Infectious Disease	Chronic Infectious Disease status (Yes/No)
Chronic Autoimmune Disease	Chronic Autoimmune Disease status (Yes/No)
Chronic Neoplastic Disease	Chronic Neoplastic Disease status (Yes/No)
Chronic Traumatic Disease	Chronic Traumatic Disease status (Yes/No)
Chronic Toxic Disease	Chronic Toxic Disease status (Yes/No)
Chronic Degenerative Disease	Chronic Degenerative Disease status (Yes/No)
Chronic Congenital Disease	Chronic Congenital Disease status (Yes/No)
Chronic Acquired Disease	Chronic Acquired Disease status (Yes/No)
Chronic Idiopathic Disease	Chronic Idiopathic Disease status (Yes/No)
Chronic Unknown Disease	Chronic Unknown Disease status (Yes/No)

Table 1: Summary of the data	
Variable	Value
Number of observations	1000
Number of variables	10
Number of missing values	0
Number of unique values	10
Number of zero values	0
Number of non-zero values	1000
Number of positive values	1000
Number of negative values	0
Number of integer values	1000
Number of floating point values	0
Number of categorical values	0
Number of numerical values	1000
Number of string values	0
Number of boolean values	0
Number of date values	0
Number of time values	0
Number of complex values	0
Number of null values	0
Number of NaN values	0
Number of infinity values	0
Number of other values	0

Question 10 of 10 **Answer** **Incorrect** **Score** 0.00 of 1.00

10. Which variable has a distribution that is not skewed to the right?

Options:

- ☐ Age
- ☐ Number of children per family
- ☐ Number of cars owned
- ☐ Number of children per family

Correct Answer: Number of children per family

Explanation: The distribution of the number of children per family is symmetric and bell-shaped, indicating a normal distribution. The other variables (Age, Number of cars owned, Number of children per family) are skewed to the right, as they have a long tail extending towards higher values.