Welcome to our project BMI Calculator

Team Members

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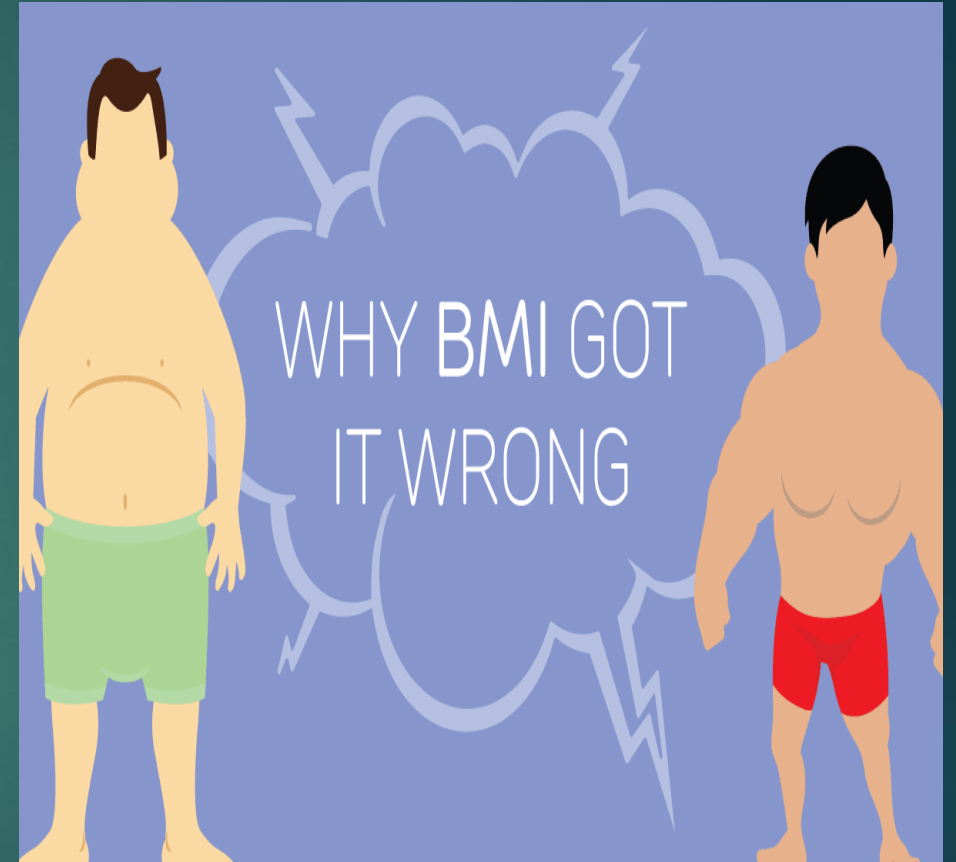Hasi Rani Roy
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Outline of our Project

- ❑ Introduction
- ❑ Objective of the Project
- ❑ Requirement of the project
- ❑ How to calculate BMI
- ❑ Output of the Project
- ❑ Limitations of BMI
- ❑ Conclusion

Introduction

❑ Body mass index is a value derived from the mass and height of a person. The BMI is defined as the body mass divided by the square of the body height, and is expressed in units of kg/m², resulting from mass in kilograms and height in meters.

❑ By calculating BMI, we can categorize that a person as underweight, normal weight, overweight, or obese based on that value.

Objective

❑ The application must allow users to calculate their BMI

❑ Users will be able to determine what their risk levels are for diseases such as diabetes, hypertension and cardio vascular.

❑ Based on BMI results, the application will suggest dietary intake information to obtain ideal BMI
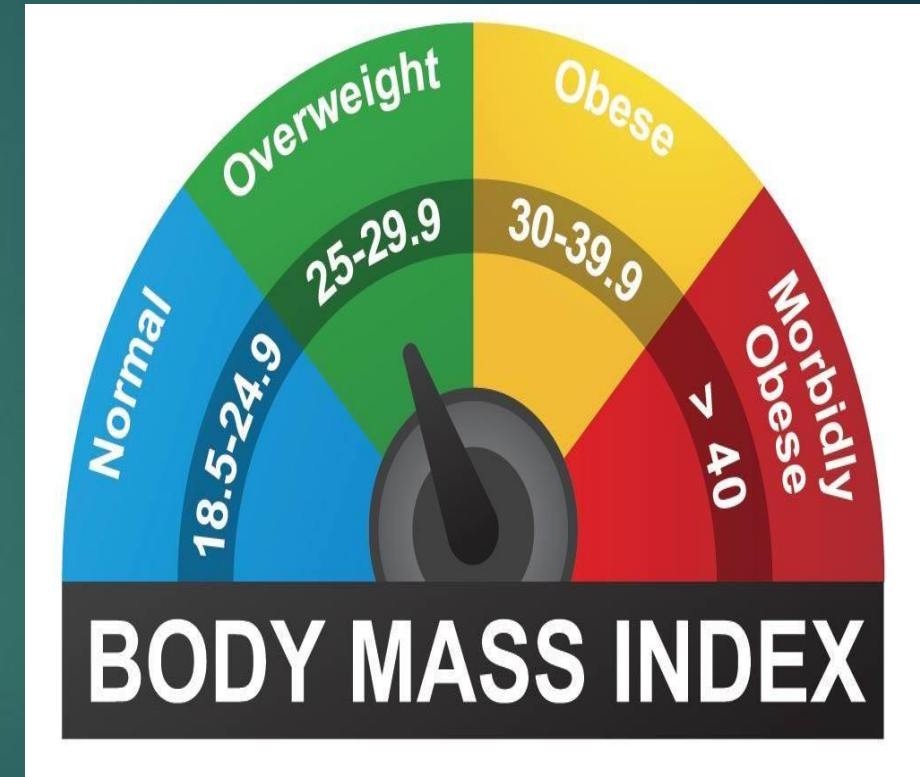
Requirement of the Project
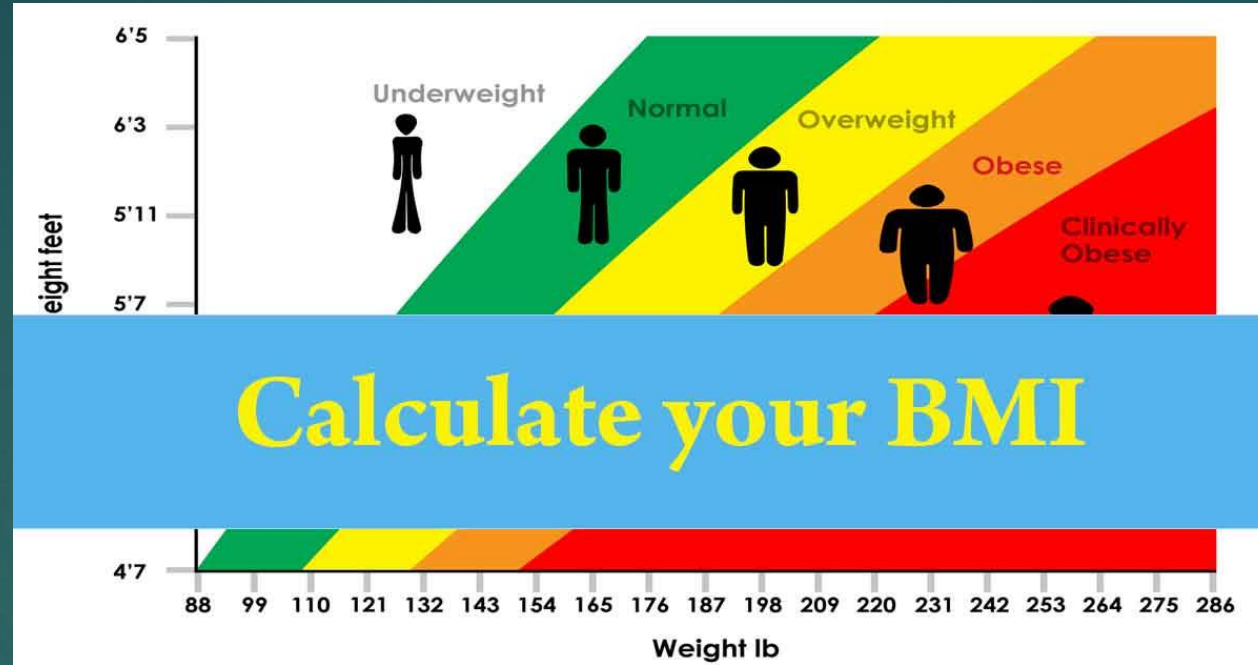
NetBeans

Java Language

Java swing

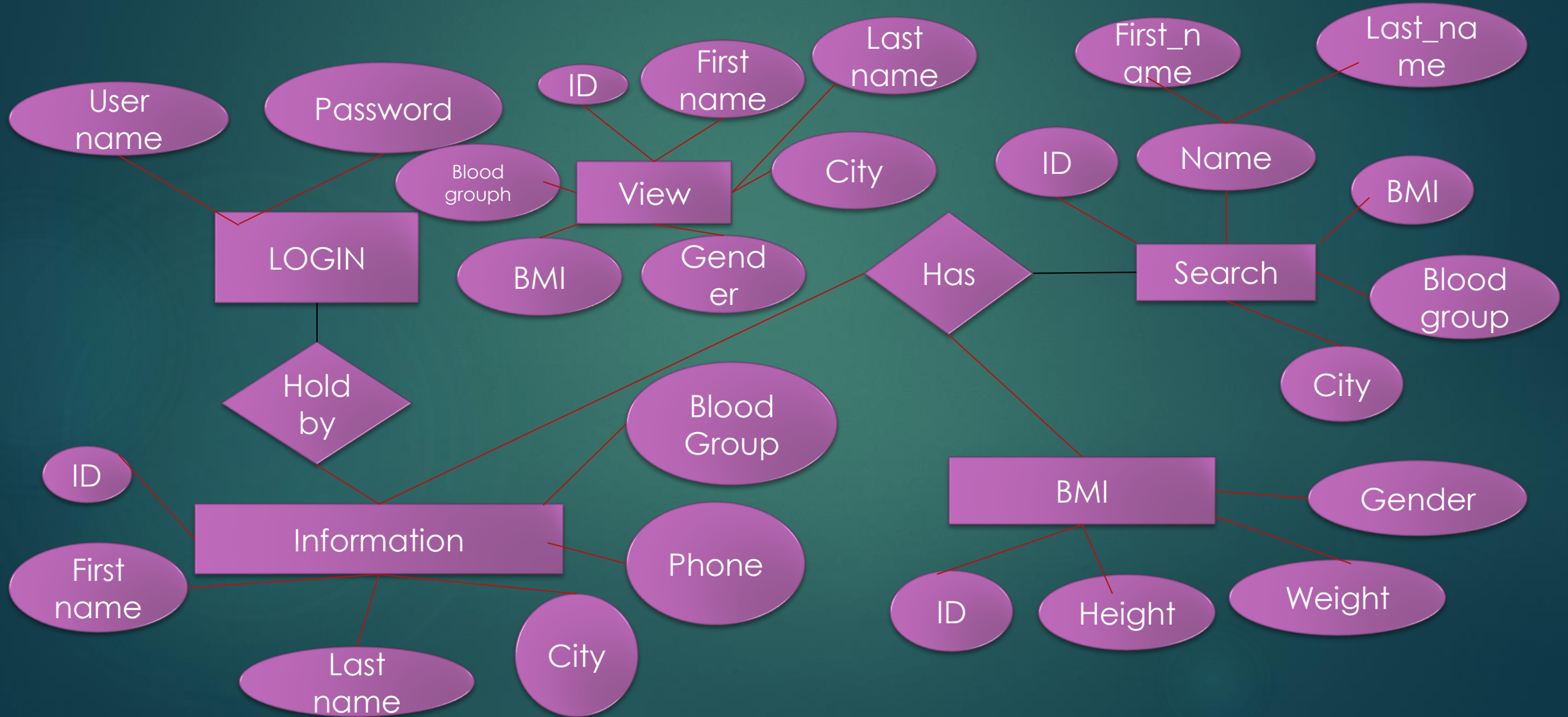XAMPP

MYSQL

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Example of this….

Weight	60kg
Height(feet)	5'
Height(inches)	4"
Convert feet to inches	5*12+4=64inches
Convert inches to meters	64*0.0254=1.63
Calculate BMI	60/(1.63*1.63)=22.58
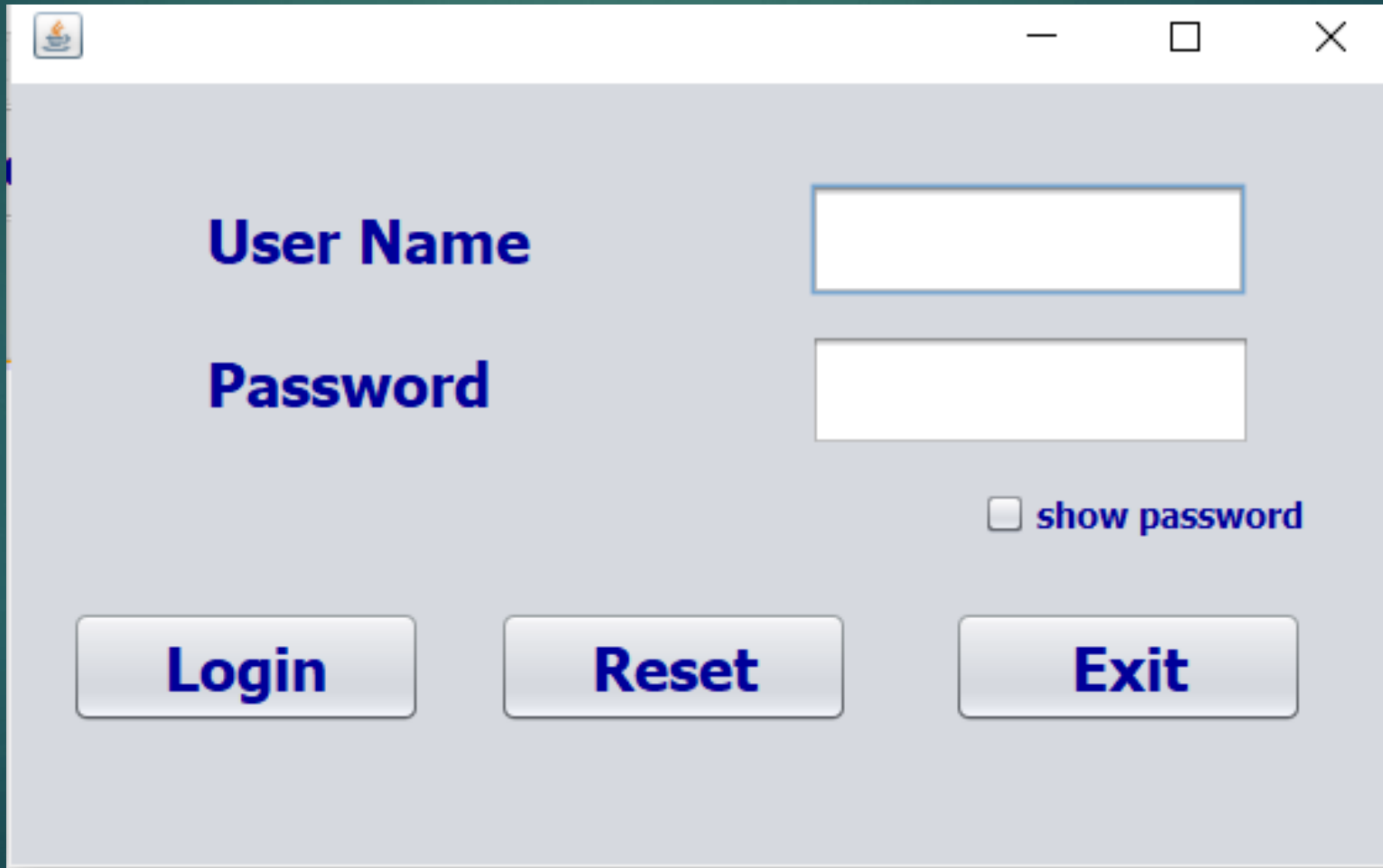
Now we discuss about output of the project

ER Diagram

ID	First Name	Last Name	City	Phone	Blood Grouph	BMI	Gender
1	mahmud	sam	Dhaka	0988819834	A+	16.8146	male
2	alam	kham	Barisal	01338408420	AB-	19.6171	male
5	almahmud	siam	Mirpur	1884710604	O+	29.1382	male
21	Mamun	hakim	Karachi	43554664	AB+	20.1776	male
22	milon	mea	London	9438509	A-	20.1776	male
24	Mohammad	Habib	London	129823479	B-	24.2792	male
25	Hasi	Saha	Dinajpur	012345678	O-	20.1776	female
26	MD. Masum	Rana	Panchagar	01327378483	B-	13.1559	male
27	manik	molla	Rangpur	0123456788	B+	28.2486	male
28	Masuda	Billah	Kallanpur	01892839493	B-	15.1927	female
29	Nahid	Sultan	Dinajpur	01812345300	A+	26.2389	male
30	MD. leon	Islam	Dinajpur	0182398474985	A-	9.66555	male
32	Tusar	Islam	Rangpur	0172982348	O-	16.4449	male
33	Md. Mahamub	Islam	Dhaka	0187347972398	AB-	13.1559	male
34	Israt	Jahan	Khulna	0123654098	A+	23.4849	female
35	Karim	Ullah	Barisal	01883849239	B-	23.6806	female
36	Ruksana	Bagum	Rajshai	01884623873	A-	27.4927	female
37	Israt	Jahan	Khulna	0123654098	A+	22.3964	female
38	Kamal	Hussen	Lakshmipur	01089340945	B-	27.2778	female
39	Khaleda	Zia	sadf	01783274823	B+	25.2219	male
40	Al mahmud	Siam	Dhaka	01884710604	O+	20.1776	male
41	Rahima	Bagume	Lakhsmipur	01874843947	O-	20.1776	female
42	Katrina	Kaif	Khulna	01993930344	B-	11.8075	female
43	Tarek	Zia	Bagura	015839309399	O+	21.4871	male
44	Md.Rashed	Islam	Rangpur	019827349	O+	16.8146	male

View

- # Advantage

By using this project we can easily know about BMI , Blood Group and various instructions .

Less time consuming and easy to use.

Avoid data inconsistency and redundancy.

More efficient and reliable.

Fast calculate and accuracy level is high.

Limitations of BMI

➢ Different country BMI is different.
➢ It can be different by Gender Like Male & Female.
➢ It can be different by Age.
➢ BMI does not differentiate between muscle and fat.
➢ Pregnant women will also have a higher BMI because of increased weight associated with pregnancy.
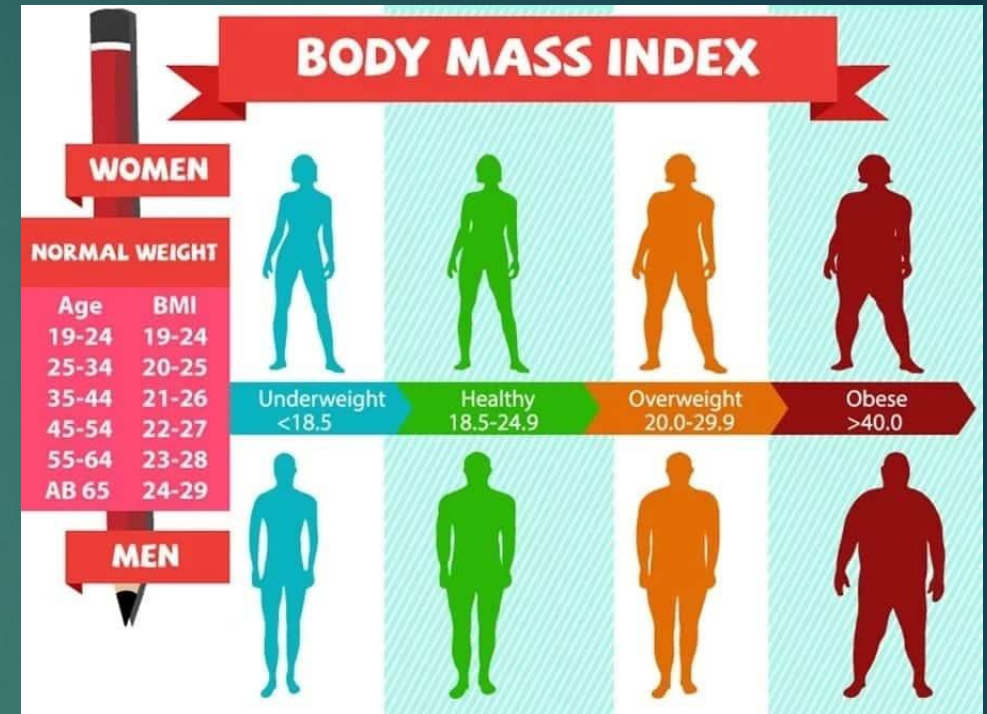
Future Plan

We will try to enhance the system in future , by following some improvements. They are –

✓ Graphical Enhancement It can be different by Age.
✓Technical Enhancement
✓Provide android platform to the smartphone user.
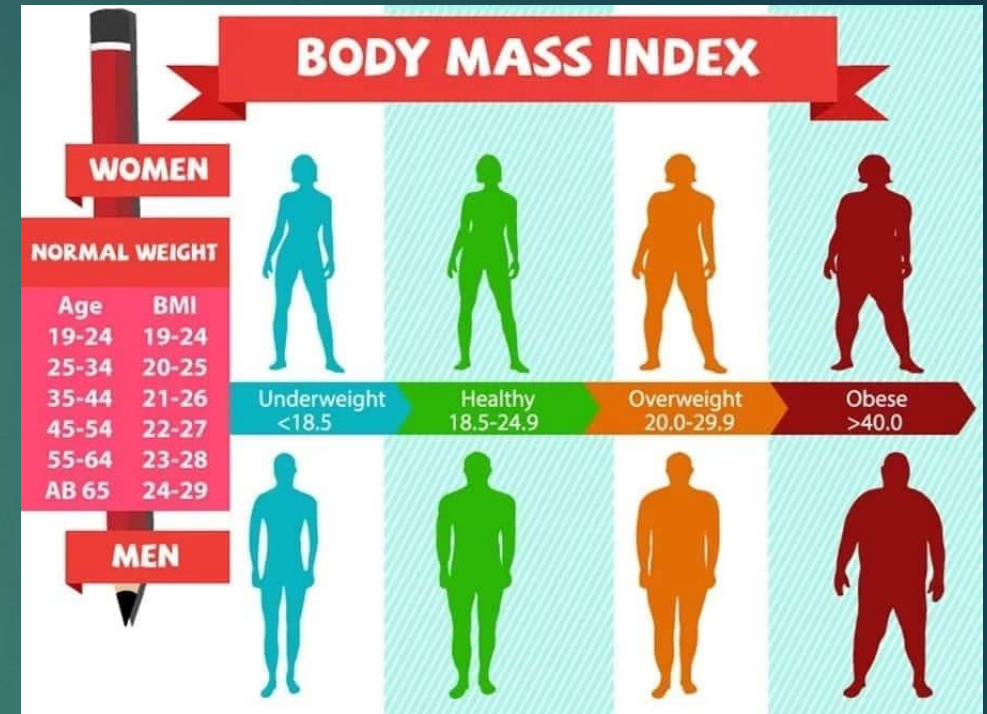
Conclusion

➢ Though the drawback of existing system are lack in improvement that in some cases it doesn't identify differentiate between fat distribution it has lot of benefits also.

➢ this BMI calculator will give a lot of benefits which consists quick relation between weight and height.

➢ This system is simple and it would make everyone works to become easier.

➢ This system also saves cost and time.

➢ Anyone can maintain their health and live in healthy life.

THANK YOU