



G. Narayanamma Institute of Technology & Science (For Women) (Autonomous)

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Shaikpet, Hyderabad-500104

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

<GN-R-18> (2022 - 2023) II B.Tech II Sem Hobby Project
on "BMI Calculator"

Abstract

The Body Mass Index (BMI) is a widely used tool to estimate body fat based on a person's weight and height. The BMI Calculator project aims to develop a user-friendly software application that can calculate an individual's BMI and provide an assessment of their weight status. The project involves designing and implementing an algorithm that takes input from the user, processes the data, and generates an output based on the calculated BMI. The user interface of the software will be simple and intuitive, allowing users to easily input their height and weight and receive a BMI score with corresponding weight status categories.

This project has the potential to be a useful tool for individuals looking to monitor their weight and make informed decisions about their health. This guides people to stay focused on their health as it calculates individual's weight and height to estimate their body fat and determine if they are underweight, normal weight, overweight, or obese. It is a simple and quick way to access if a person's weight is healthy for their height. This results in health promotion of an individual. This also gives the suggestions if the BMI is underweight or overweight which makes individual much more health conscious. The main scope of this project is to maintain the health. The BMI App gives us all the information ie it give suggestion for our health and tells us what should we eat and what to avoid.

H/W & S/W Requirements

Hardware Requirements: Windows 11 Intel core i5 processor, 4GB RAM, Storage: 64GB, 64 bit Operating System

Software Requirements: Platform-Android Studio, Java

*Dept R&D: No

* If No: GNITS



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