

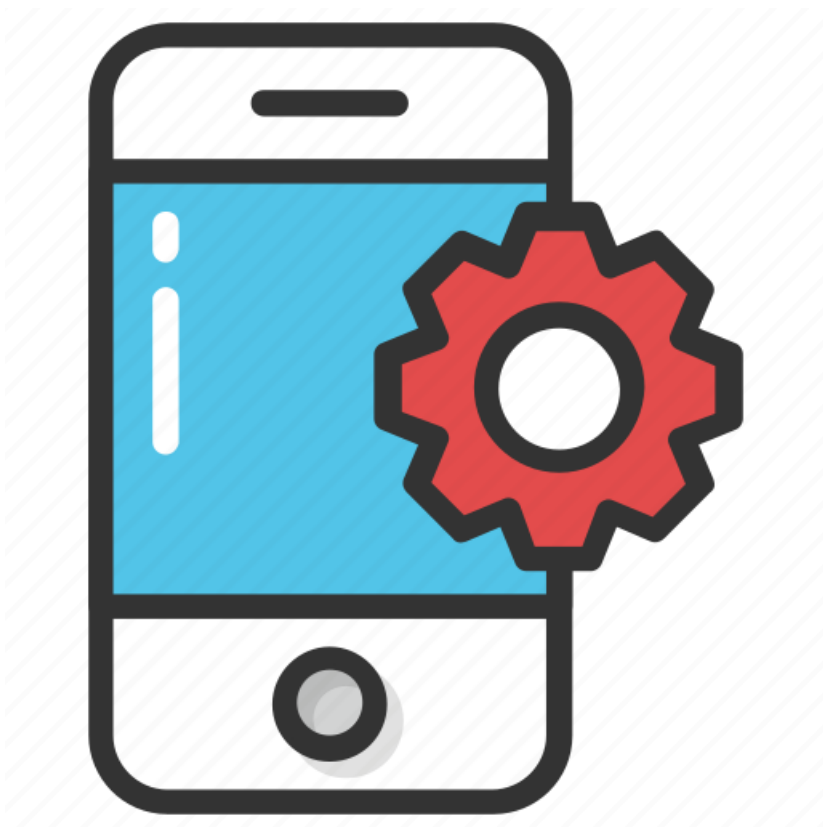
**UmU's Group**

## **Installation and User Manual**

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# **BMI Calculator**

Smartphone Application



December 2021

Version 1.0

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## Installation and connection

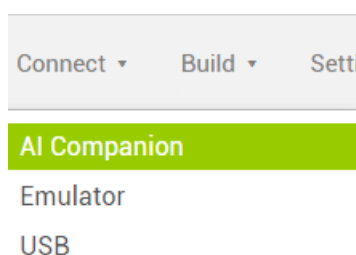
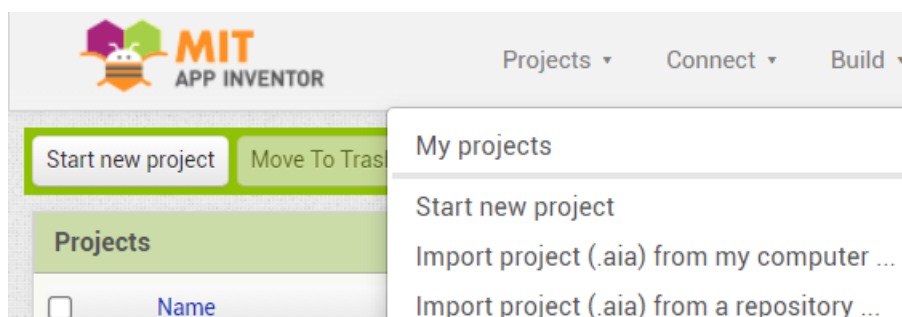
For install this application got two options. The first option is to install the APK that provided by this application.



**MIT AI2  
Companion**  
MIT App Inventor

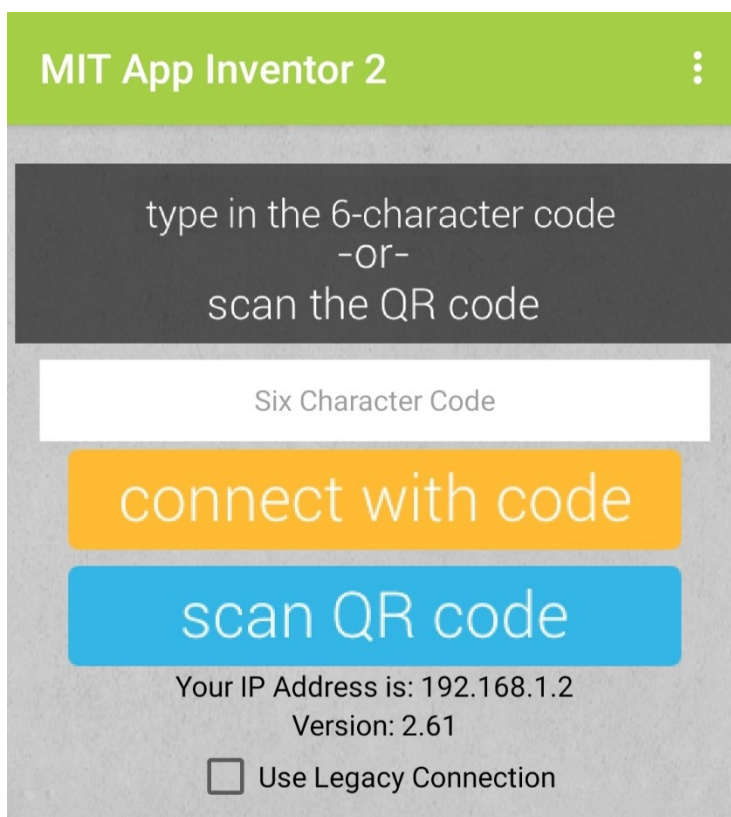
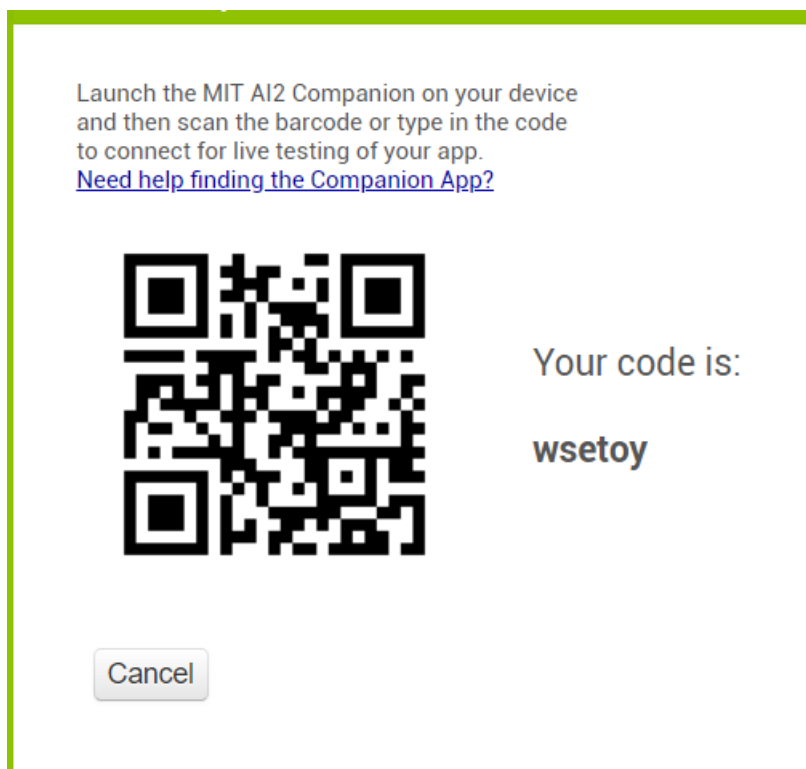
Then, the second option is to install this application, you have to download **MIT AI2 Companion** on smartphone.

After that, you have to create an account from **MIT APP INVENTOR on your PC or desktop**. Since, you have an account and login. Then, you can choose **Projects** from the tab and select the **Import project (.aia) from my computer** or **Import project (.aia) from a repository** to import our application.



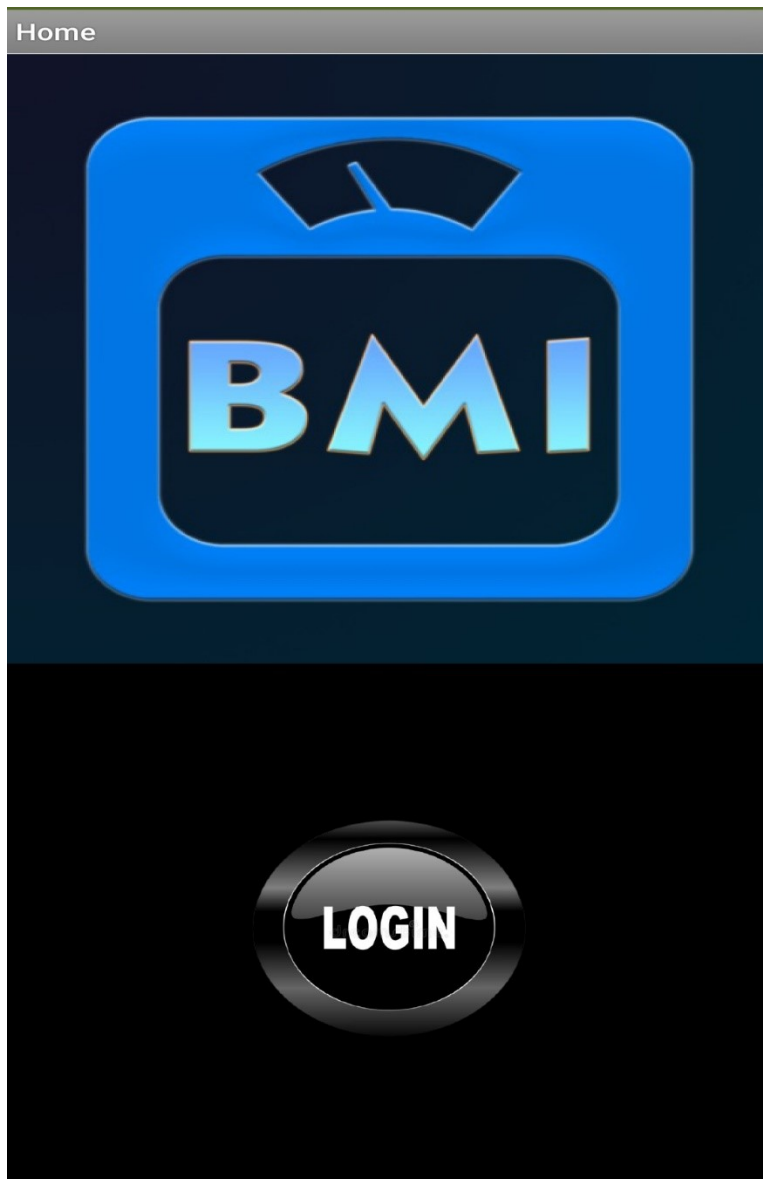
To connect this application with your smartphone. You have to select **Connect** and click **AI Companion**.

After you click **AI companion** and it will prompt out the **QR code**.

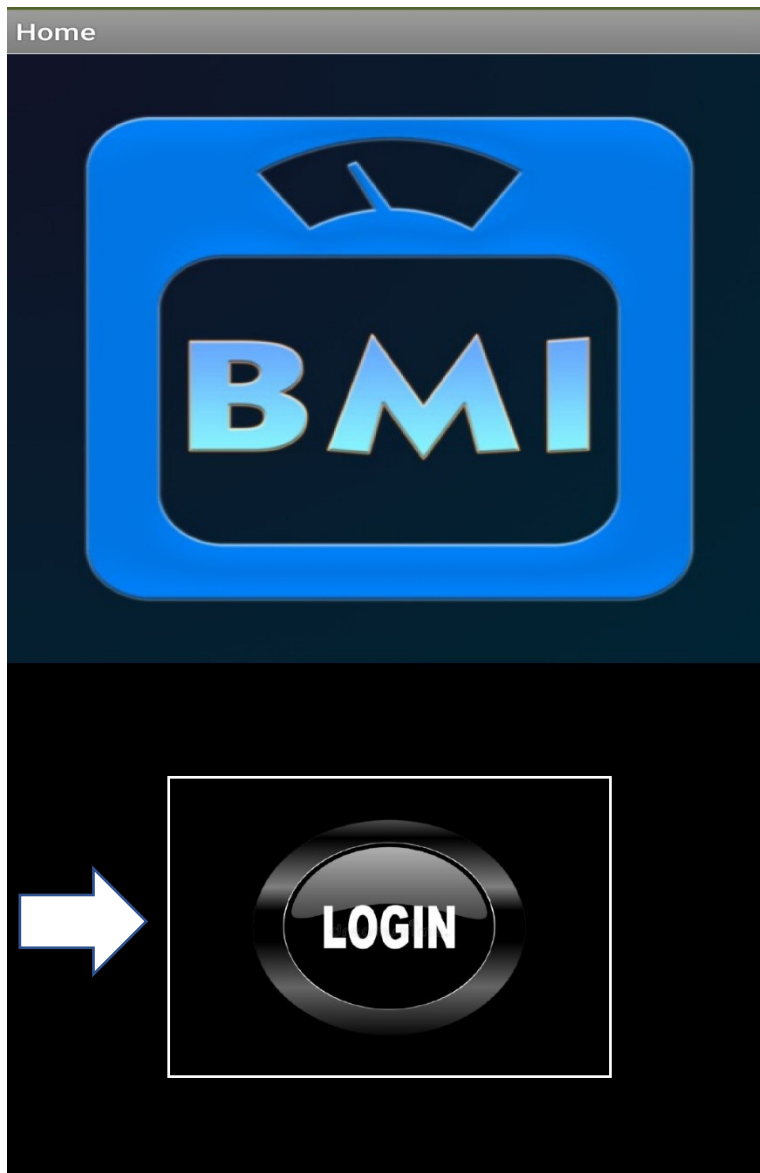


To connect the smartphone with this application, you have to open the **MIT AI2 Companion** on your smartphone. Then, it will provide two option to connect with this application with **connect with code** or **scan QR code**.

If you have scanned the QR code or enter the code. Then, you can enter the following menu screen of our application with your smartphone.

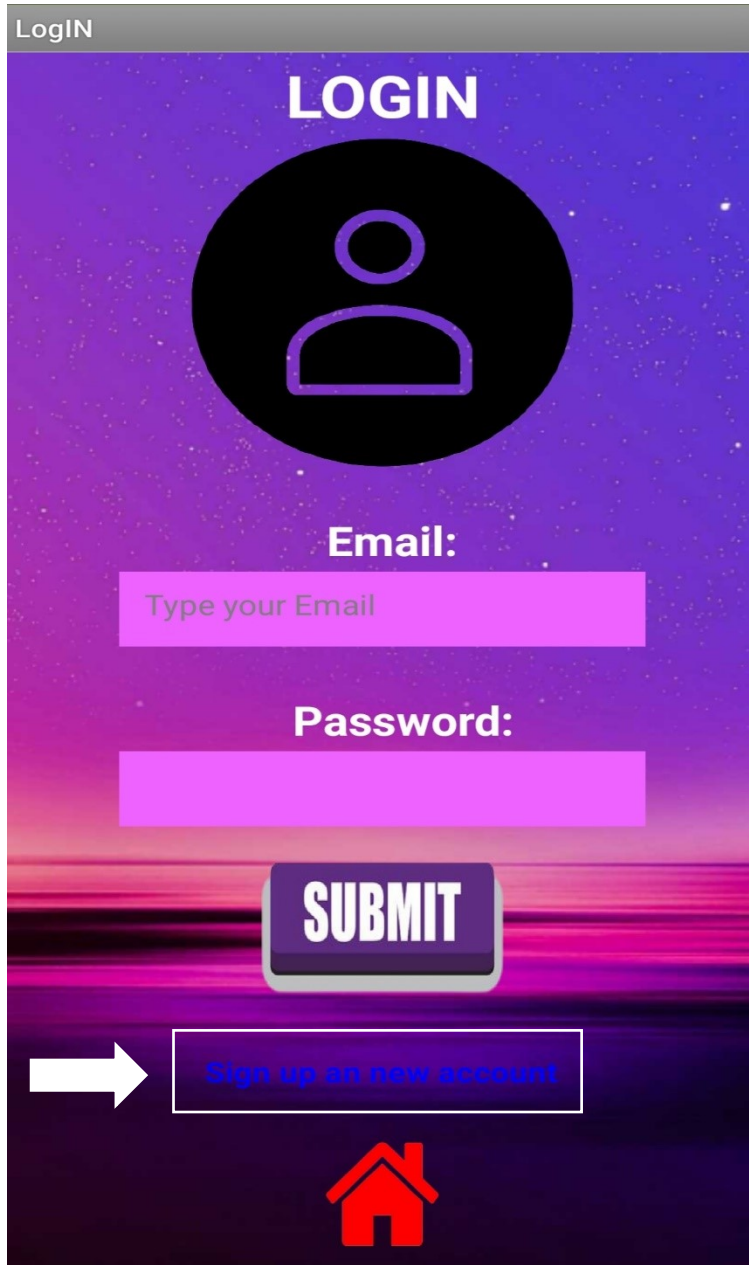


## Account Registration for application



To register an account for this application. First you need to click the **LOGIN** button.

After click the **LOGIN** button, the application will display out the following **LogIN** page.

The screenshot shows a web application's login page. At the top left, there is a grey header bar with the text "LogIN". The main content area has a dark blue background with a subtle star pattern. In the center, the word "LOGIN" is displayed in large, bold, white capital letters. Below it is a large black circle containing a white outline of a person's head and shoulders. Underneath the circle, the label "Email:" is followed by a white rectangular input field with the placeholder text "Type your Email". Below the email field, the label "Password:" is followed by another white rectangular input field. A large, rounded rectangular button with a blue gradient and the word "SUBMIT" in white capital letters is positioned below the password field. At the bottom left, a white arrow points to a white rectangular button with a black border containing the text "Sign up an new account" in blue. At the very bottom center, there is a red icon of a house with a chimney.

Since you reach this page, then click the **Sign up an new account** to proceed to the registration as the **SignUp** page as next picture.

# Register an account



**E-mail:**

Type your Email

**UserName:**

Type your username

**Password:**

**Confirm Password:**

**Sign Up**

[Already have an account](#)

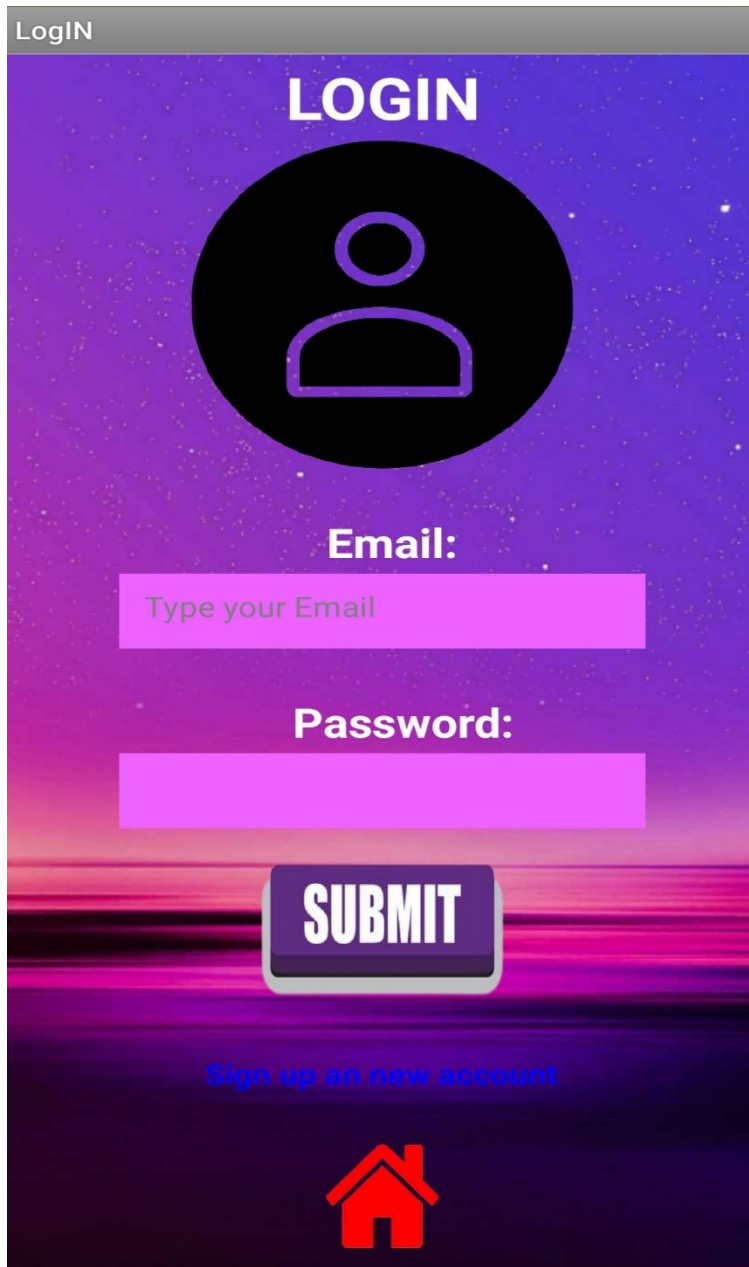
For the registration towards this page, you have to insert your **Email, UserName, Password and Confirm Password** to Sign up your account.

**Sign Up**

After you have done key in all the data. Then, you can click **Sign Up** to done the registration. Then, the application will bring you to the **Home** page.




## Account Login

The login form is displayed on a purple and blue gradient background with a starry pattern. At the top left, the text "LogIN" is in a grey box. The word "LOGIN" is prominently displayed in white. Below it is a large black circle containing a white outline of a person. The form includes two input fields: "Email:" with a placeholder "Type your Email" and "Password:". A blue "SUBMIT" button is centered below the fields. At the bottom, there is a link "Sign up an new account" in red and a red house icon.

LogIN

# LOGIN




Email:

Password:

**SUBMIT**

[Sign up an new account](#)



After done your registration, you can back to the **logIN** page and key in your **Email, Password** and click the **SUBMIT** button to login your account.

## BMI Calculator



After you login your account, the application will bring you to this page. Then, you can click the **START** button to go the **BMI Calculator** page as the following picture.

Calculator

**BMI standard Menu**

**Less than 18.5 : Underweight**

**18.5 - 24.9 : Normal**



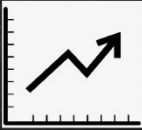
**25.0 - 29.9 : Overweight**

**More than or equal to 30 : Obese**

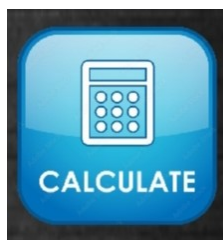
**Fill in the following information :**

Height (in m)

Weight (in kg)

After click the **START** button from previous page, you will go to this **Calculator** page. In this page, you can calculate your BMI by fill out your **Height (in m)** and **Weight (in kg)**.



After you have fill out all the details in form and you need to click the **CALCULATE** button to do calculator of your BMI.

## BMI Display Result

Here will be an example result after you have type in all information and click the **CALCULATE** button. According to your **BMI**, it will show out your current BMI status and give you the suggestion of your diet.

### Calculator

Hi Chai

Your BMI result is 19

You are normal

### Suggestion Diet:



**Eat vegetable and fruit, and take balance to intake protein and some carbohydrates food.**

## History BMI graph

Calculator

**BMI standard Menu**

**Less than 18.5 : Underweight**

**18.5 - 24.9 : Normal**



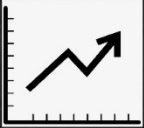
**25.0 - 29.9 : Overweight**

**More than or equal to 30 : Obese**

**Fill in the following information :**

Height (in m)

Weight (in kg)


  

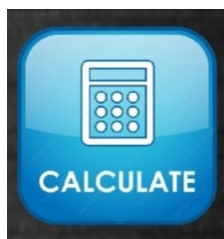
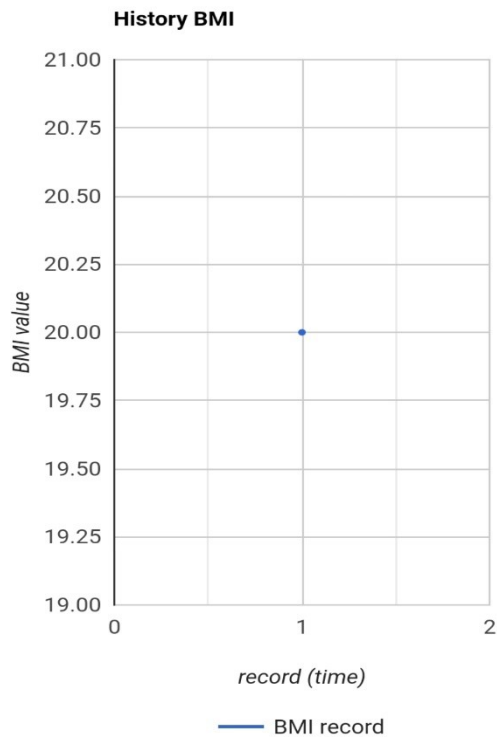
For the **History BMI graph**, you can



click the button. Then you will be able to see your **History BMI graph** as next picture.

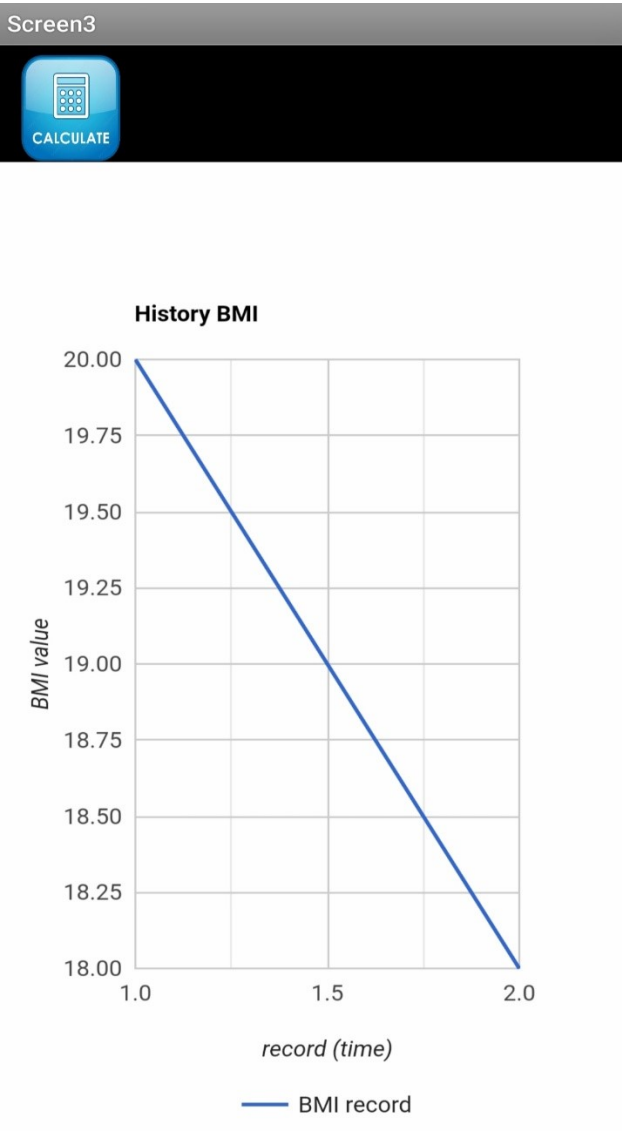


After you click the  button from previous page. Then, it will bring you to this **History BMI graph**.



If you want to calculate again your BMI and you can click the **CALCULATE** button to go back **Calculator** page.

Here will be the sample **History BMI graph** after you calculate your BMI again.



## Logout

Calculator

**BMI standard Menu**

**Less than 18.5 : Underweight**

**18.5 - 24.9 : Normal**

**25.0 - 29.9 : Overweight**

**More than or equal to 30 : Obese**




**Fill in the following information :**


Height (in m)

Your height

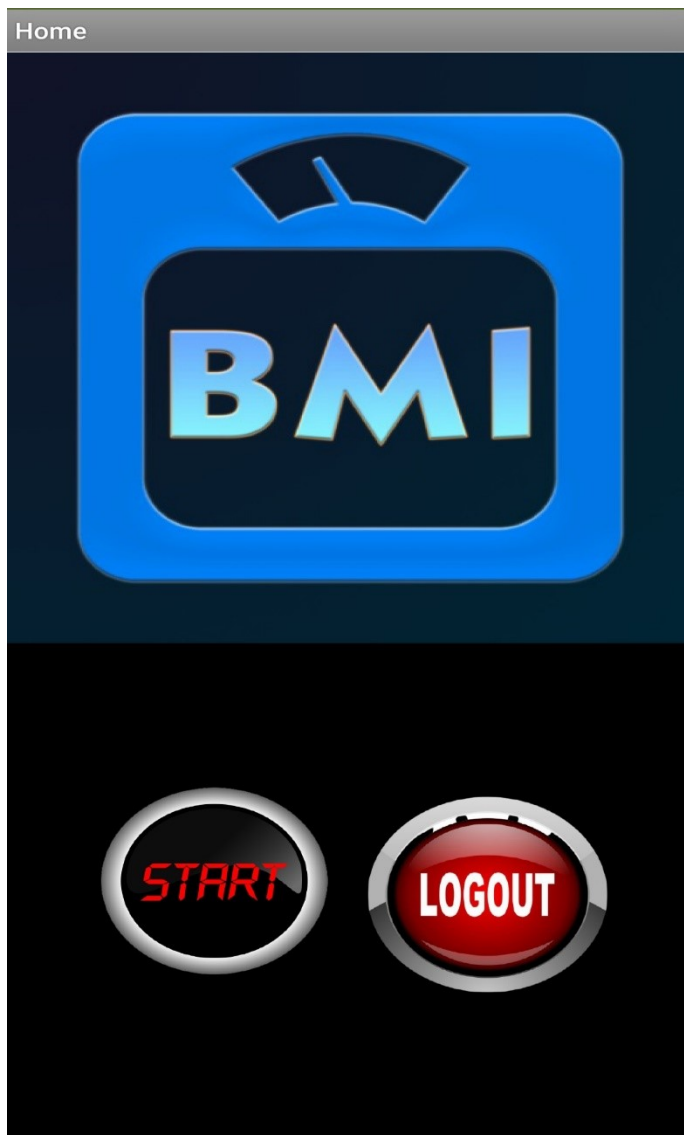
Weight (in kg)

Your weight

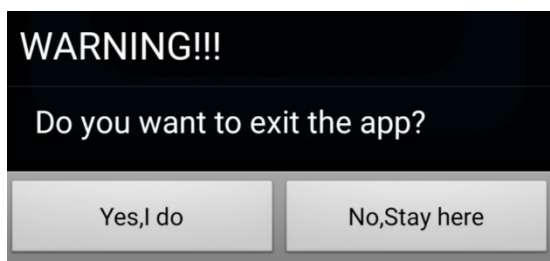


If you want to logout your account, you can click the  button to bring you back to the **Home** page.





Since you have back to the **Home** page, then you can click the **LOGOUT** button.



After you click the **LOGOUT** button and the application will show out a confirmation. Then, you can choose the option with **Yes, I do** to logout your account and back to the **Application Home page**.