

UmU's Group

Installation and User Manual

BMI Calculator

Smartphone Application



December 2021

Version 1.0

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Installation and connection

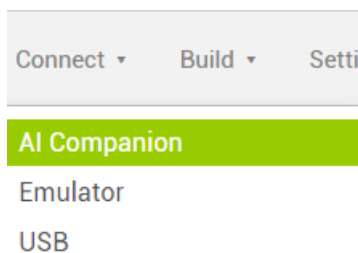
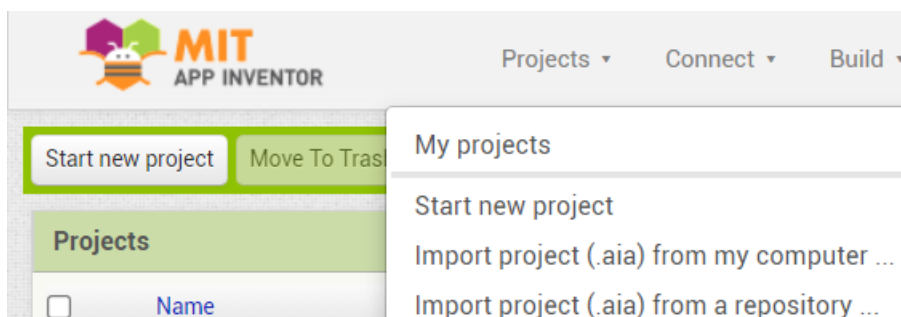
For install this application got two options. The first option is to install the APK that provided by this application.



**MIT AI2
Companion**
MIT App Inventor

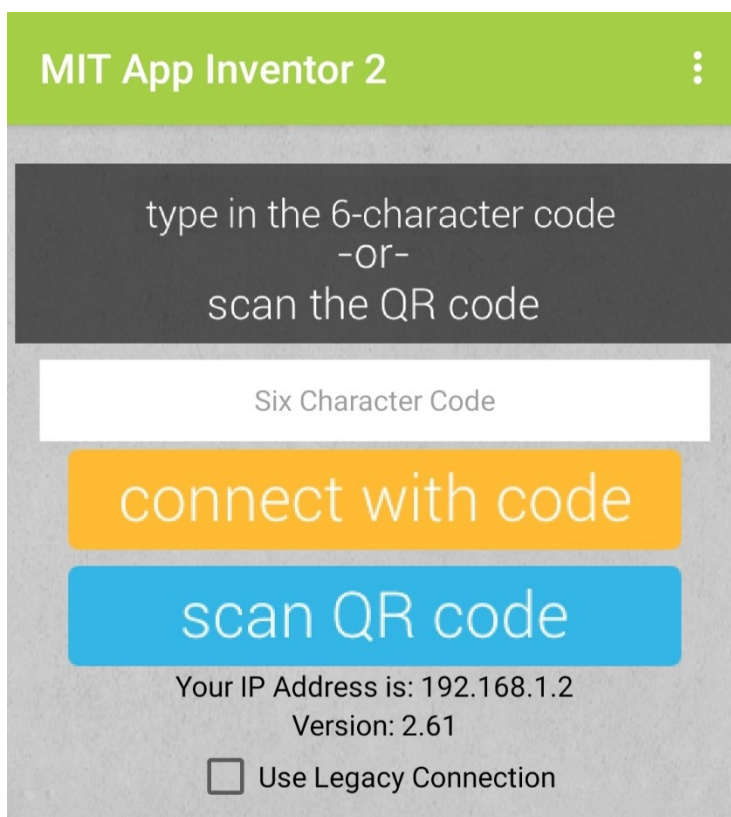
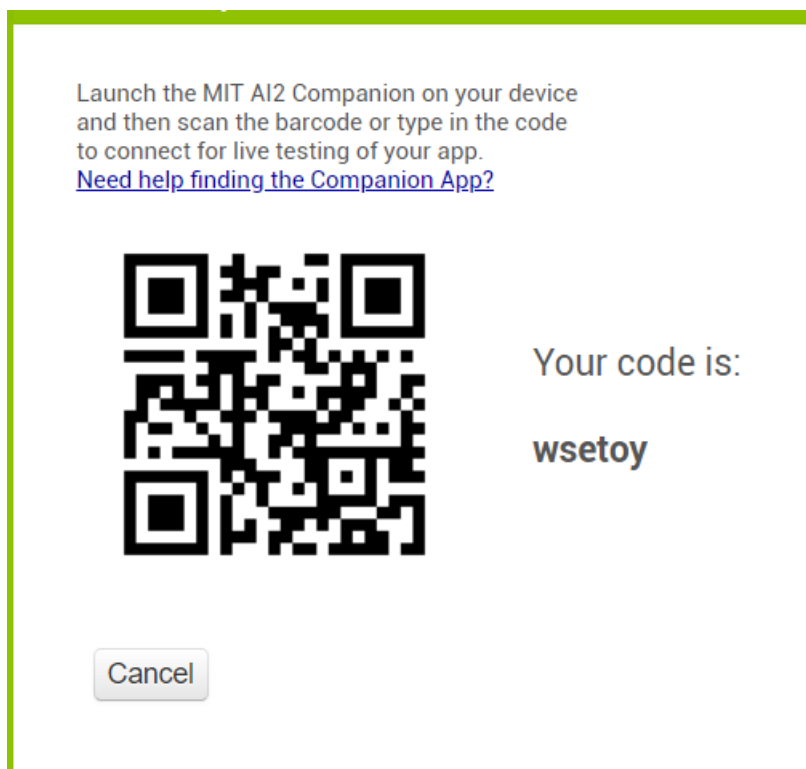
Then, the second option is to install this application, you have to download **MIT AI2 Companion** on smartphone.

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.



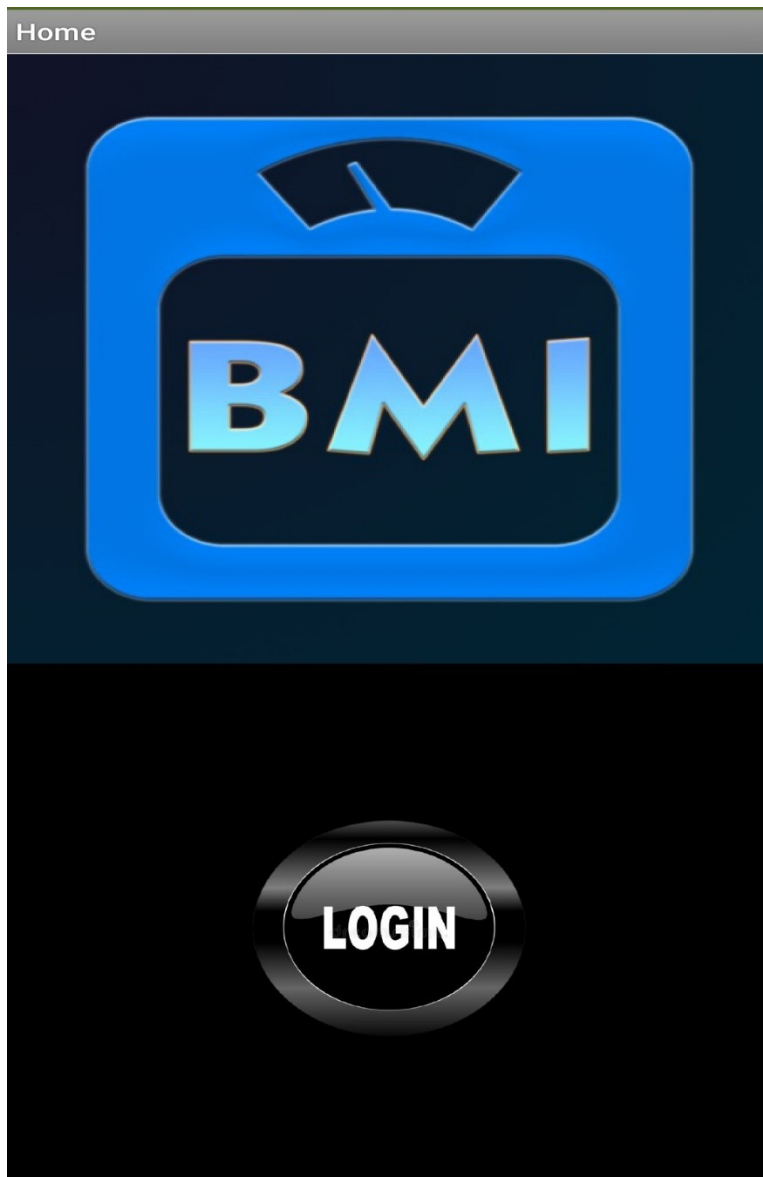
To connect this application with your smartphone. You have to select **Connect** and click **AI Companion**.

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

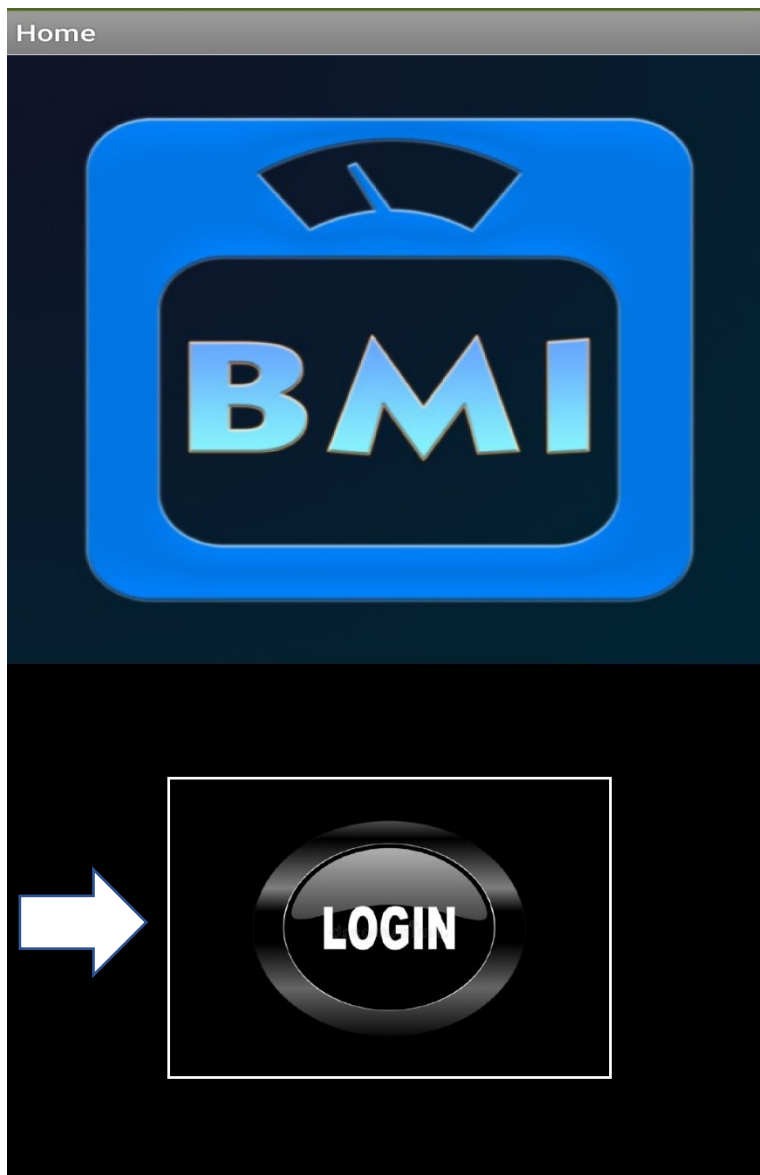


To connect the smartphone with this application, you have to open the **MIT AI2 Companion** on your smartphone. Then, it will provide two options to connect with this application with **connect with code** or **scan QR code**.

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.

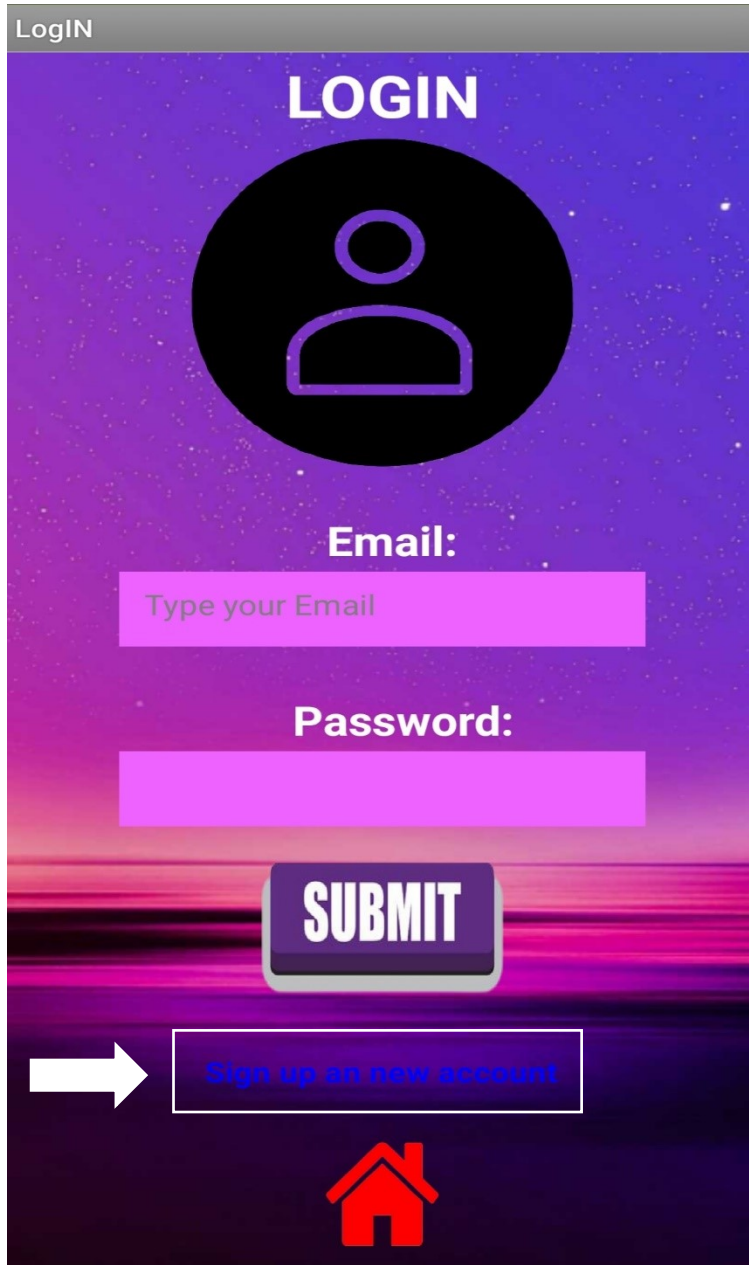


Account Registration for application



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 login interface with a dark blue header bar containing the text "LogIN". The main background is a gradient of purple and blue with a starry pattern. At the top, the word "LOGIN" is written in large, bold, white capital letters. Below it is a large black circle containing a white outline of a person. 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 blue border and the text "Sign up an new account" in blue. At the very bottom center is a red house icon.

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

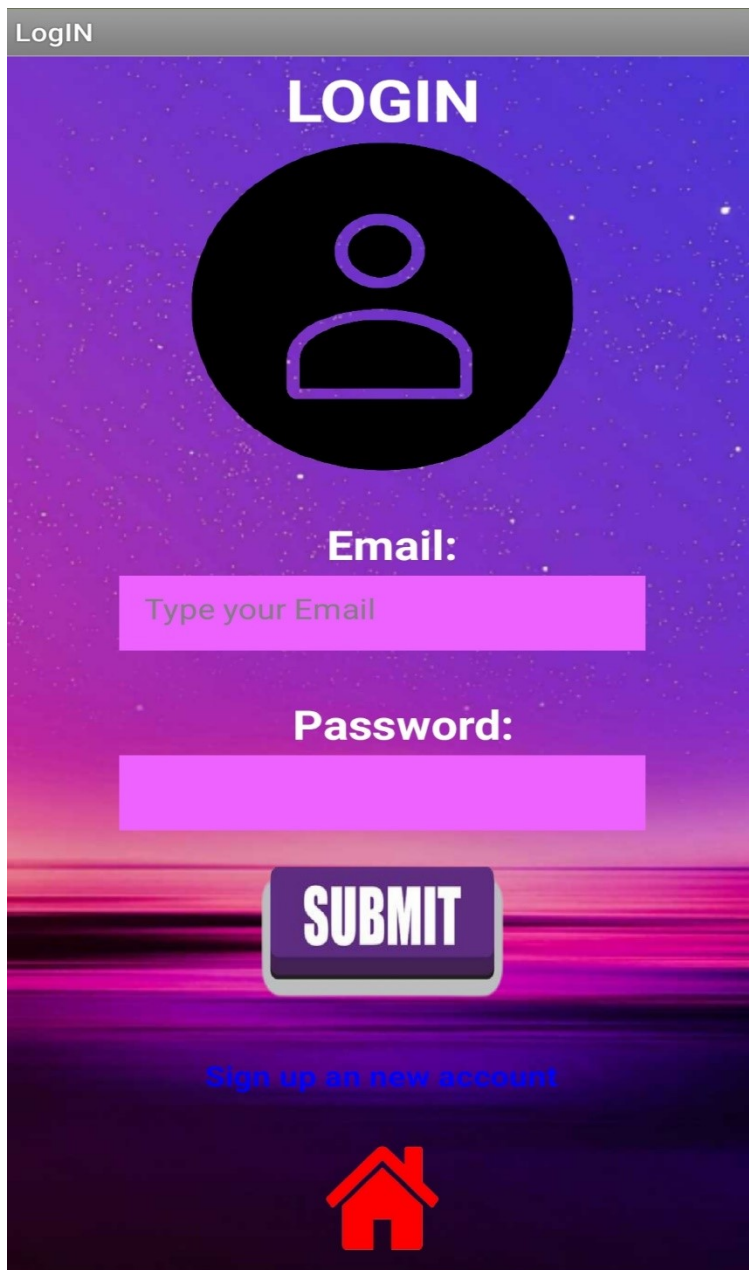
[Already have an account](#)

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.

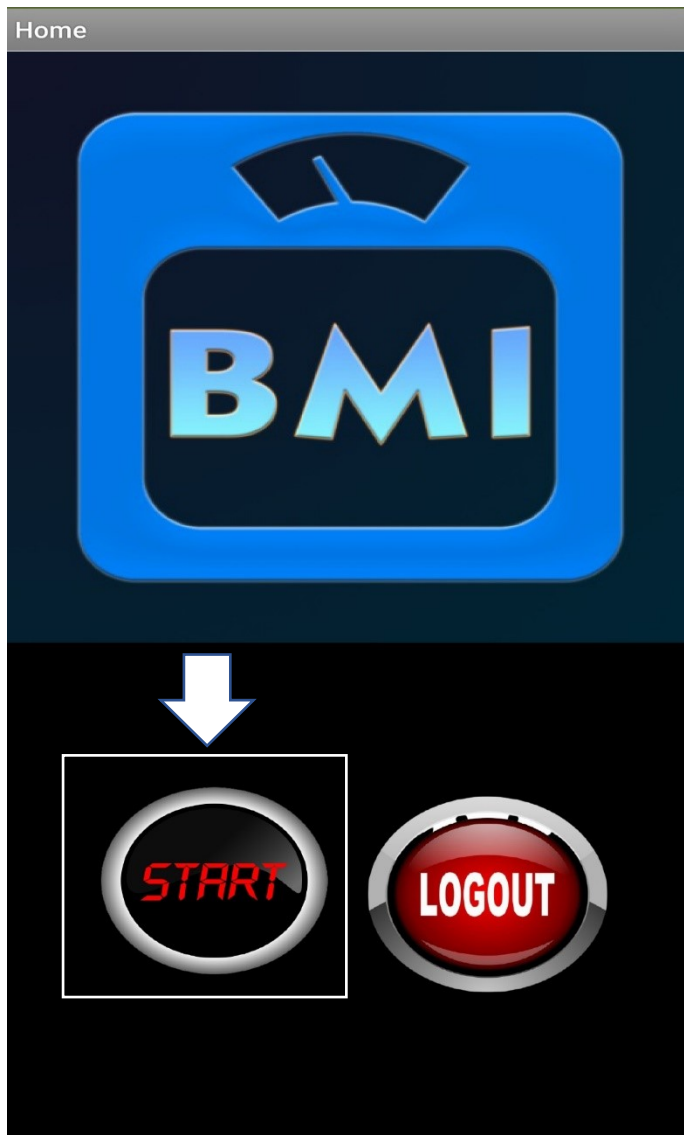
Account Login



The login form is displayed on a purple and blue gradient background with a starry pattern. At the top left, the text "LogIN" is visible in a small font. The main heading "LOGIN" is centered at the top in large, bold, white capital letters. Below the heading 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 black border and the word "SUBMIT" in bold white capital letters is positioned below the password field. At the bottom of the form, the text "Sign up an new account" is written in a smaller, blue font. A red house icon is located at the very bottom center of the form area.

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



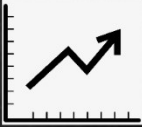
25.0 - 29.9 : Overweight

More than or equal to 30 : Obese

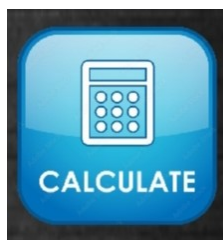
Fill in the following information :

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)


  

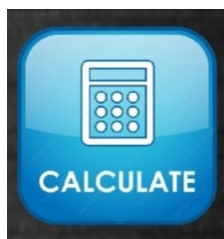
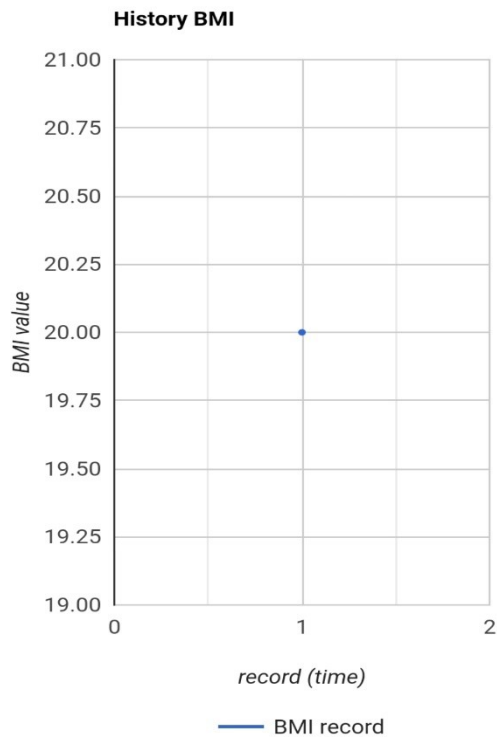
For the **History BMI graph**, you can



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

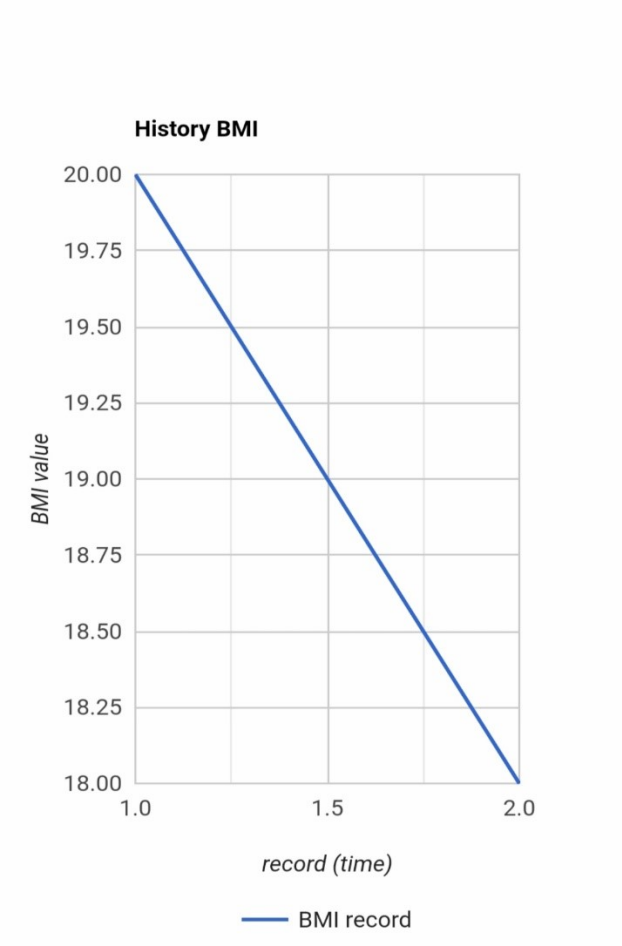


After you click the  button from previous page. Then, it will bring you to this **History BMI graph**.



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)

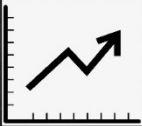
Your height


Weight (in kg)

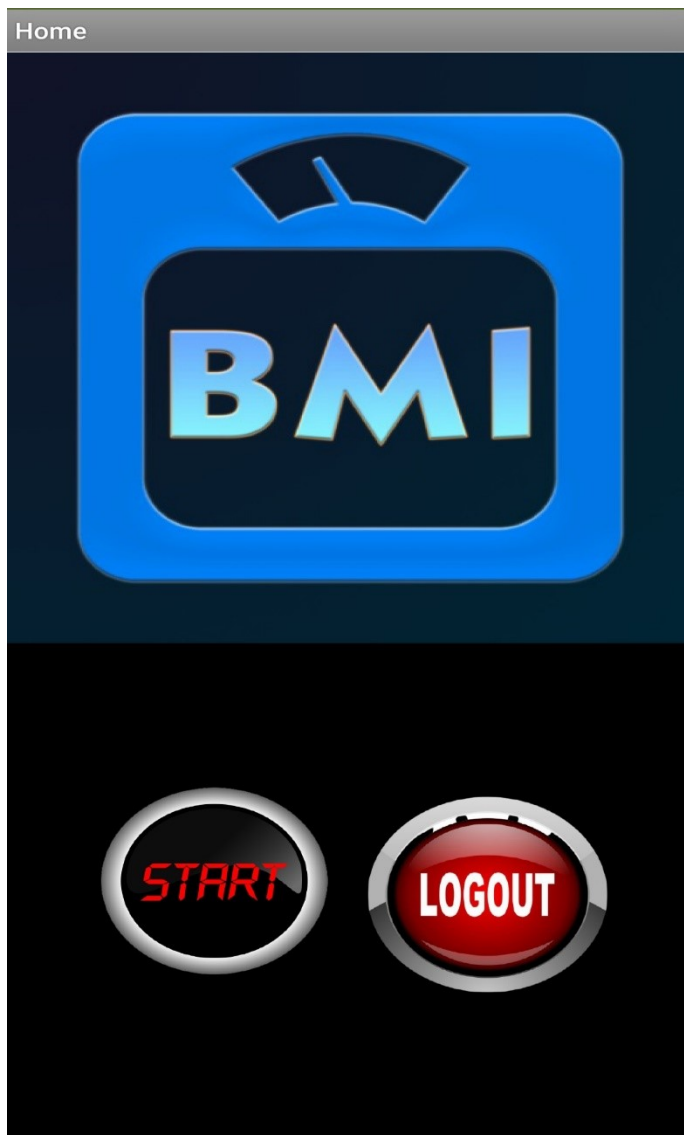
Your weight



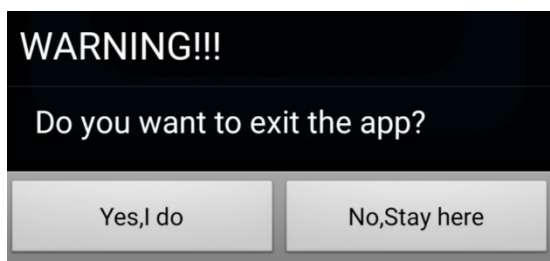

CALCULATE



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**.