

# Blockchain-Based Health Monitoring System

## Beneficiaries

- **Health Enthusiasts:** Easy way to keep healthy and track the health conditions.
- **Hospitals:** Easy retrieval of patient's health record for better recommendations.
- **Streaming Devices:** Easy connectivity to the application.
- **Government:** Since government provided statistics may be incomplete or outdated, they can use this application to update data.

## Benefits

- Store personal health data of user in a secure manner.
- Allow the user to carry out data analysis of his data compared to the data of other users.
- User can report bugs and system problems to the administrator.
- Give health recommendations based on analyzed data.
- Allow the user to communicate with other users.

## Group #2

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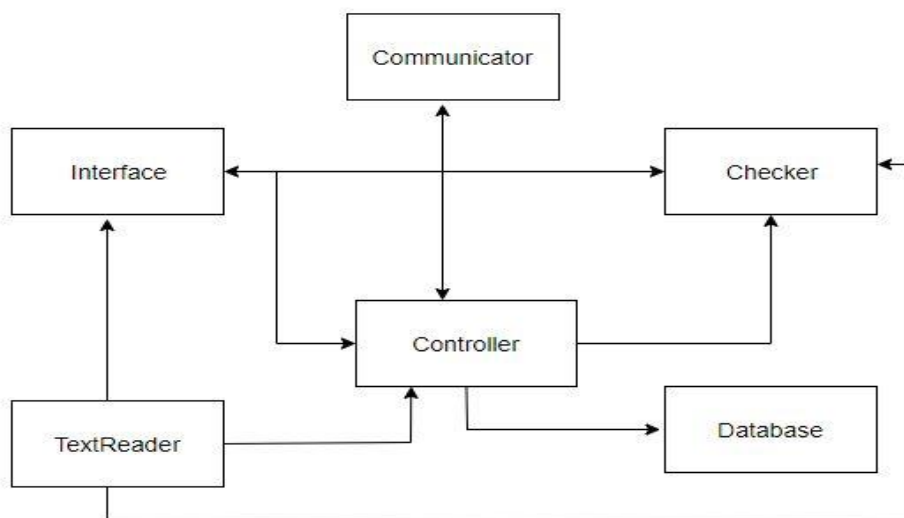
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## Inner Modules



## Contact Us

For more information regarding the application, you can contact us as below

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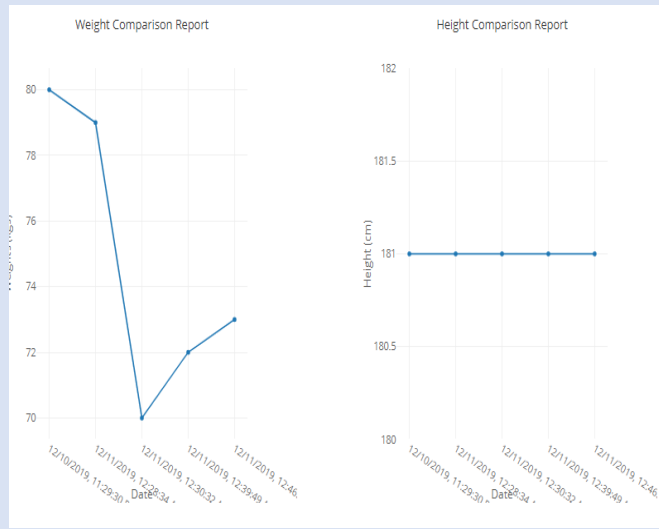
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App URL: [healthcolate.herokuapp.com](https://healthcolate.herokuapp.com)

# User Interface



The screenshot shows the 'Enter Your Data' form in the HealthColate+ application. The form has a dark header with the application name and navigation links. Below the header is a large grey box with the text 'Enter Your Data'. The form contains several input fields: Weight, Height, SleepPatterns, Cholesterol, BloodSugar, BloodPressure Systolic, and BloodPressure Diastolic. A 'Submit' button is at the bottom.

## Basic Functions

- **User Log in:** User can access his personal page which displays the health parameters entered in the application.
- **Statistical Analysis:** Users can view the graphs and charts that provide a statistical comparison of their data against the other users.
- **Home Page:** The home page of the application from which the user can choose between viewing data, comparing, add new data or view history.
- **Comparisons:** Based on the data entered by the user, he/she can view where he/she stands among the various users in the system. The users can also view recommendations generated based on the user's health condition.

Weight: 73 kg
Height: 181 cm
BMI(Body Mass Index): 22.282592106468055
Sleep Patterns: 7 hours of sleep
Cholesterol: 111
Blood Sugar: 125
Blood Pressure (Systolic): 130 bpm
Blood Pressure (Diastolic): 83 bpm

