


# Hackbackpackers

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# THANK YOU

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# Health Buddy

- It is a hospital management system which help us to maintain social distancing by reducing direct contact in the hospital.
- Helps to maintain data easily.
- With help of Health buddy we reduce use of paper as it provide prescription, vital and medical report digitally.
- Data is secured and cannot be accessed without permission.
- According role of person features are provided in Health Buddy.
- Increases COVID 19 awareness in people and help them to protect themselves.


# Description

- Health Buddy provides mainly four different portals for admin, doctor, staff and patient.
- It provides free check-up features for everyone to check their health condition and also provide list of precaution which are taken to protect against COVID 19.


# Admin

- Admin can add a doctor or staff member to the system so they can access the respective portals.
  - Admin can view list of doctors or staff members registered in the system.
  - Admin can remove doctor or staff member from system.
  - Admin has access to username and passwords of doctors and staff so if someone forgot their password can access it with the help of admin.
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# Doctor

- Write vital report of a patient.
  - View vital report of a patient.
  - Write prescription of a patient.
  - View prescription of a patient.
  - Write medical report of a patient.
  - View medical report of a patient.
  - View patient's self vital report.
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# Staff

- Create a patient account.
  - View vital report of a patient.
  - Write vital report of a patient.
  - View prescription of a patient.
  - Write prescription of a patient.
  - View medical report of a patient.
  - View patient's self vital report.
  - View doctor's list.
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# Patient

- Create their account.
  - Create their self vital and COVID-19 report & view report.
  - View their vital report.
  - View their prescription.
  - View their medical report.
  - View doctor's list.
  - View precaution that are taken against COVID-19.
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# Other features

- Self vital and COVID-19 report which is available for everyone.
- We are providing three different themes/modes for interface
  1. Dark theme
  2. Light theme
  3. Eye comfort theme.



# Concept used

- Standard C++ libraries.
- Object oriented programming.
- File handling using C++.

