CHALLENGE: HEALTHTECH
Personal Medical Assistant

Team name: Code.Rz

Team members: Thirumalai Shaktivel C

Vaishak P

Shivaprakash T

Gagan B R

PERSONAL MEDICAL ASSISTANT

- DURING THESE TIMES OF THE PANDEMIC, MAINTAINING ONE'S GOOD HEALTH IS VERY IMPORTANT.

- AND WHAT IF ONE FALL'S ILL? STEPPING OUTSIDE TO VISIT A HOSPITAL IS ALSO RISKY IN TODAY'S SITUATION.

- WE CAN MAKE USE OF TECHNOLOGY FOR THIS PROBLEM.

- OUR MEDICAL ASSISTANT (BAYMAX) IS AN APPLICATION WHICH HELPS MONITOR THE USER'S HEALTH CONDITION.

OVERVIEW

- CREATES A MEDICAL PROFILE OF THE USER

- ACTS AS A DATABASE OF USERS PAST MEDICAL CONDITION, MEDICATION RECEIVED, SYMPTOMS, ALLERGIES, etc

- COMMUNICATION CAPABILITIES WITH THE ASSOCIATED DOCTOR

- ALARMS AND REMINDERS FOR THE DIET AND MEDICATIONS INTAKE

- CAN TAKE INPUTS OF ANY NEW SYMPTOMS EXPERIENCED BY THE USER AND PROVIDE POSSIBLE SOLUTIONS AND TELL IF MEDICAL ASSISTANCE IS REQUIRED (CONSULT A DOCTOR)

- INFO ABOUT MEDICINE USER HAS

MEDICAL PROFILE EXAMPLE

NAME: JESSICA

AGE: 58

SEX: FEMALE

ADDRESS: 132,MY STREET, KINGSTON, NEW YORK 12401

D.O.B: 7/01/1963

NATIONALITY: UNITED STATES

DATE AND TIME OF ADDMISSION: JULY 14th, 2008/ 9:04 AM

MEDICAL HISTORY: TYPE 2 DIABETES MELLITUS

MEDICATIONS: LINAGLIPTIN(5mg), LOSARTAN(10mg)

ALLERGIES: PENICILLIN ALLERGY

INJURIES AND ACCEDENTS: NONE

SPECIAL NEEDS: NONE

BLOOD TYPE: AB+

IMPORTANCE OF THIS PROJECT

- OUR PROJECT AIMS IN HELPING THE USER, WHO DON'T HAVE THE IT SKILLS REQUIRED TO MONITOR THEIR DAILY HEALTH SYSTEMATICALLY.

- THE APPLICATION WILL BE EASY TO USE WITH MINIMUM EFFORT NEEDED FROM THE USER'S SIDE.

- THIS IS NOT ONLY USEFUL FOR A PATIENT WHO IS IN NEED OF THE MEDICAL CARE BUT ALSO THE DOCTOR WHO IS ADMINISTRATING IT TO THEM.