Intelligent MediBuddy

Problem Statement:

 In USA millions of children suffer from obesity, depression, anxiety, stress, ADHD or a host of other mental health issues. These issues are leading to suicides in younger teenagers. Suicide is the third leading cause of death of individuals aged from 10 to 14. Sporadically, children are deprived of their parent's attention because of their parent's busy schedule.

Our aim of the application is to detect these behaviors of children early in their life by performing regular medical camps in the schools that are organized by State run hospitals and appropriate health treatment to be provided at the earliest.

Entities:

➢ Medical Camp
➢ School
➢ Medical Drive Manager
➢ Doctor
➢ Nurse
➢ Student

Application key functionalities:

➢ State Hospital will contact various schools in the locality for organizing medical camps
➢ The Nurse in Medical Booth will do the basic check up on students(patients) and will report to Doctor in Medical Camp
➢The Nurse can admit patients to the Camp Medical Room if needed.
In case of Emergencies the nurse can directly contact the Doctors at the Medical Camps
➢The Medical Drive Manager will further send requests to Medical Camp Doctors or food Suppliers.
They are also responsible for requesting Food Supplies from Food Supplier and managing the Camps Food Inventory.
➢The Doctor will process all the request forwarded by Medical Drive Manager and emergency requests forwarded by Nurse.
➢Doctor is also responsible for managing the inventory for medical supplies and request the same from medical suppliers.
➢The Food Suppliers addresses the requests from Medical Drive Manager and Supplies items from their own Inventory.
➢The Medical Suppliers addresses the requests from Doctors and Supplies items from their own Inventory.