



DigiEduHack Solution
Barcelona - EIT Health Spain
Challenge: EIT Health Spain
DigiEduHack 2020 Challenge 2020

HEALTH PRO SMART

A COMPLETE PACKAGE OF INTEGRATED SOFTWARE AND HARDWARE

WE HAVE DEVELOPED AN INTEGRATED
HARDWARE AND SOFTWARE PACKAGE TO
MONITOR AND ANALYSE THE PATIENTS DATA
FOR THE ORGANISATION TO ANALYSE THE
DATA AND USE IT FOR CURE VARIOUS
DISEASES . IT IS A CENTRAL SERVER BASED
SOLUTION WHICH IS USED BY ALL THE
ORGANISATIONS AROUND THE COUNTRY TO
GET THE RESULTS.

Team: TEAM 8

Team members

5 MEMBERS

Members roles and background

SOME ARE SOFTWARE DEVELOPERS AND SOME ARE FROM HUMAN NUTRITION AND
DIETETICS

Contact details

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Solution Details

Solution description

ITS A SMART BAND CONSISTS OF HARDWARE AND A SOFTWARE -:

An Android based smartwatch with software integrated and connected with central server to store, access and filter all the data of the patients on the basis of age, diseases, symptoms and their medical history of the patients which can easily be managed and access by the medical units to analyse their health and to provide proper medical treatment 24/7.

IT IS CENTRALLY CONNECTED ON A PRIVATE CLOUD WHICH IS USED TO MANAGE ALL THE DATA FOR THE PATIENTS TO ANALYSE IT AND MAKE IT USABLE FOR FUTURE DEVELOPMENT .

Solution context

The main problem is the need to find a way to collect data instantly and quality. RAW data collection (difficult to understand and work with) Huge UnOrganized Data (Un-symmetrical Data) Un-Filtered Data Category/age(for each Patients) Redundant Data (For Same Patients)

Solution target group

Hospitals and companies □Can be used by every patient (man and women), especially ... Aged > 65 Physically disabled.ALL PATIENTS WITH DISEASES CAN UE THIS TO MONITORE THEMSELF.

Solution impact

Monitoring more frequently (↔ hospital: at 1 specific moment)) More data can be collected No need for a doctor Costs: 1 time purchase of 25\$ (↔ multiple hospital costs) ↓ hospital visits (Covid - 19) Software is compatible with other android devices There is a lott of data, but we will use quality data by filtering the data to avoid despencies Data is categorized on the basis of gender, age and disease separately so that it will be easy to monitor and analyse by the organisations

Solution tweet text

A MEDICAL INNOVATIVE DEVICE FOR MONITORING WITHOUT DOCTOR

Solution innovativeness

NO SIMILAR SOLUTION HAS DEVELOPED YET IN THE MARKET . WE ARE THE FIRST TO INNOVATE IT .

Solution transferability

ITS BASICALLY A CROSS COMPATABLE SOLUTION AND WORKS FOR ALL TYPE OF DEVICES AND ALL TYPE OF PATIENTS .

Solution sustainability

ITS A LONG TERM SOLUTION WHICH WILL HANGE THE PHASE O HEALTHCARE SECTOR .

Solution team work

WE ARE ALL FROM DIFFERENT BACK GROUNDS SO WE COLLABORATE AND DEVELOP THIS .

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