

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JNANASANGAMA CAMPUS, BELAGAVI - 590010



A PROJECT REPORT

ON

“AROGYA CARD”

Submitted by

ARIBAM SUPRIYA DEVI	4AL13IS002
INCHARA D.	4AL13IS010
RAJATH PAI	4AL13IS025
SACHIN B.K.	4AL13IS028

In partial fulfilment for the award of Degree of,

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE & ENGINEERING

Under the Guidance of

Mr. SHARAN LIONAL PAIS

Assistant Professor



DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

MOODBIDRI-574225, KARNATAKA

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ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

MIJAR, MOODBIDRI D.K. -574225

KARNATAKA



DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

CERTIFICATE

Certified that the project work entitled "Arogya card" is a bonafide work carried out by

ARIBAM SUPRIYA DEVI 4AL13IS002


INCHARA D. 4AL13IS010


RAJATH PAI 4AL13IS025

SACHIN B.K. 4AL13IS028

The bonafide students of Department of Information Science and Engineering, Alva's Institution of Engineering and Technology in partial fulfilment for the award of BACHELOR OF ENGINEERING in INFORMATION SCIENCE AND ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM during the year 2016-2017. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.


Mr. Sharan Lionel Pais
Assistant Professor
Project Guide


Mr. Jayantkumar A. Rathod
Dept. of Associate Professor Engineering
Alva's Institution of Engineering and Technology
Head of the Department
Mijar, MOODBIDRI - 574 225


Dr. Peter Fernandes
Associate Professor
Principal

Name of the Examiners

Signature with Date

1.

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ABSTRACT

Good health is important for every individual. Health is more valuable than wealth. Good health is important because a man of health can enjoy great contentment during his life time. Good health, however, contribute to the emotional well-being and happiness of a person. Sometime doctors face life-death situations for the patients where Medical attention is a must for an injury or illness. With respect to health concern, a new system has been introduced, that is Arogya card. The proposed system facilities patients, doctors and hospital. Patient will be provided with an Arogya card on first visit. A specific RFID number will be assigned to every patient which will work as primary key to link to the data base on. Along with the Radio frequency identification number, patient's basic details like name, address, contact number, email and blood group will be saved in the data base which is saved in the cloud with the help of Radio frequency identification card. The data base consists of personal details and medical history from the time of issue of the card. The card will help the hospital to retrieve the history of the patient. When the card is scanned, patient database in the cloud will be linked and an appointment to a doctor can be made. According to the appointment the doctor can update n insert the visited department details, treated doctor's name, diagnosis done, medicines prescribed details. These details will be stored in the cloud database. When patient visits to same hospital or other hospital next time, the Arogya card when scanned will retrieve his/her basic details & previous visit details from cloud.