SURVEY APP FOR ASHA WORKERS (AAROGYA PATRIKA)

BE Project Report

Submitted in partial fulfillment of the requirements of the Degree of Bachelor of Engineering in Computer Engineering

by

Kartik Manish Chawda

Yash Gandhi

Juhi Gori

Supervisor

Mrs. Nisha Vanjari

Department of Computer Engineering

K.J. Somaiya Institute of Engineering and Information Technology

Ayurvihar, Sion, Mumbai – 400 022

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CERTIFICATE

*This is to certify that the project entitled "**Survey App for ASHA Workers (Aarogya Patrika)**" is a bonafide work of **Kartik Manish Chawda**, **Yash Gandhi**, **Juhi Gori** submitted to University of Mumbai in partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering in **Computer Engineering**.*

Mrs. Nisha Vanjari

Designation

Dept. of Computer Engineering

_____ _____

Mrs. Sarita Ambadekar **Dr. Suresh Ukrande**

Head of Department **Principal**

Place:

Date:

PROJECT APPROVAL FOR B. E.

This project report entitled Survey App for ASHA Workers (Aarogya Patrika) by

        Kartik Manish Chawda

        Yash Gandhi

        Juhi Gori

is approved for the degree of Computer Engineering.

Examiners.   1. _____

                                            2. _____

Date:

Place:

DECLARATION

I declare that this written submission represents my ideas in my own words and where others' ideas or words have been included, I have adequately cited and referenced the original sources. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

Kartik Manish Chawda _____

Yash Gandhi _____

Juhi Gori _____

Date:

ABSTRACT

The "Aarogya Patrika" App is a unique solution which digitally links the three government frontline health workers in each village. These are the ANM (a nurse-midwife), the ASHA (community mobiliser) and the Anganwadi worker (overseer of nutrition in pregnant and lactating women, and pre-school children). These three women are responsible for providing health and nutrition services to the last-mile community across villages in India. Though they serve the same population, they don't team up naturally because of different supervisory systems, databases and work cultures. Further, they are expected to maintain numerous voluminous registers. They can improve effectiveness and efficiency by sharing data and the app enables this in a seamless manner. The App enables the frontline workers to utilize a common database, carry out their routine tasks with ease and maintain integrity of data. It also generates essential government reports, provides an online supervision dashboard and enables referrals. While some technology solutions for frontline workers exist, none bring them together. Through all this, the workers can focus on their primary responsibility of delivering care, aided by data.