DECLARATION OF ORIGINALITY

I hereby certify that I am the sole author of this software and that neither any part of this work nor the whole work has been submitted for a degree to any other University or Institution.

I certify that, to the best of my knowledge, my work does not infringe upon anyone’s copyright nor violate any proprietary rights and that any ideas, techniques, quotations, or any other material from the work of other people included in our report or otherwise, are fully acknowledged in the accordance with the standard referencing practices.

I declare that this is a true copy of our report, including any final revisions, as approved by our supervisor.

**Date:**

**Place:** Surat

**Yours Sincerely,**

Kanthariya Himesh Harishbhai (216120316047)

ACKNOWLEDGEMENT

I am so glad to present our internship report on **‘Dropout Analysis’**, which is prepared as a part of my sixth semester Software Development course in Diploma Engineering. This work is the outcome of guidance provided by the dedicated Information Technology, Dr. S. & S. S. Ghandhy College of Engineering & Technology.

With a profound sense of indebtedness, I use this opportunity to express my sincere gratitude to Prof. Manish D Patel, H.O.D. of the Information Technology department for inspiring and permission to carry out our internship.

I wish to extend our thanks to our project guide Prof. Chintan Gajjar, department of Information Technology for his keen interest, valuable guidance, and support rendered throughout our internship.

Last but not least, thanks to **Dr. S. & S. S. Ghandhy College of Engineering & Technology** for providing us the platform to represent the internship.

**Yours Sincerely,**

Kanthariya Himesh Harishbhai (216120316047)

**Abstract**

The **E-Ration** is the web portal that provides management of ration in online mode. E-Ration provides a multi-mode payment system, an email notifying service for users to notify that ration is available for user. E-Ration overcomes the flaws of the existing manual system by storing records online.

Table of Contents

**Certificate I**

**Declaration of Originality III**

**Acknowledgement IV**

**Abstract V**

**Chapter-1 Introduction1**

1.1 Project definition 1

**Chapter-2 Requirement Analysis4**

2.1 Software Requirement Specification 4

**Chapter-3 System Design10**

3.1 E-R Diagram 11

3.2 Data Flow Diagram 12

3.3 Data Dictionary 13

**Chapter-4 GUI/Application Interface 24**

5.1 Customer Side 25

5.2 Distributor Side 38

5.1 Admin Side 47

**Chapter-6 Testing 55**

6.1 Home Page 56

6.2 Admin Side 57

6.3 Distributor Side 58

6.4 Customer Side 59

**Chapter-7 Conclusion 64**

**Bibliography 66**

List of Figures

Fig. 1.1 Schematic Diagram**2**

Fig. 1.2 Architecture **8**

Fig 2.1 Basic Security Model**11**

Fig 3.1 Proposed systems E-R Diagram**15**

Fig 3.2 Context Level Diagram**17**

Fig 3.3 Level-1 Dataflow Diagram**18**

Fig 3.4 Level-2 Dataflow Diagram**19**

List of Tables

Fig 2.1 Latest Framework and Methodology**13**

Fig 4.1 Keys for Encryption**17**

Fig 4.2 Observation Table**19**