A

PROJECT REPORT

ON

STEAL ME NOT

Submitted by

ACHCHHU FARHAN A. (150860116002)

PATEL SHIVAM N. (160860116031)

PUJARI HIMANSHU S. (160860116037)

DUBEY VISHAL H. (170863116001)

In partial fulfillment for the degree of

BACHELOR OF ENGINEERING

in

INFORMATION TECHNOLOGY



Laxmi Institute of Technology, Sarigam

Gujarat Technological University, Ahmedabad

October, 2019



Laxmi Institute of Technology-Sarigam

At: Sarigam, P.B. No-15, P.O.: Valsad, Pin: 396155

CERTIFICATE

This is to certify that the project reports, submitted along with the project entitled STEAL ME NOT has been carried out by FARHAN ACHCHHU (150860116002), SHIVAM PATEL (160860116031), HIMANSHU PUJARI (160860116037), VISHAL DUBEY (170863116001) under my guidance in partial fulfillment for the degree of Bachelor of Engineering in Information Technology, 7th Semester of Gujarat Technological University, Ahmedabad during the academic year 2019-20. These students have successfully completed project activity under my guidance.

Mr.	Viral	M.	Prajapati

Project Guide
IT Department
LIT- Sarigam, Gujarat

Mr. Viral M. Prajapati

Head of Department

IT Department

LIT- Sarigram, Gujarat

Mr. Manthan Surti

Project Coordinator
IT Depatment
LIT- Sarigam, Gujarat

	4			•		

External Examiner

ACKNOWLEDGEMENT

We are very much thankful to Gujarat Technological University for including this subject "User Defined Project", in our syllabus because without it, would not happen so early to develop such type of creativity. We are very grateful to our college especially to our IT Department. We also thankful to our respected H.O.D. Mr. Viral M. Prajapati and Project Coordinator Mr. Manthan J. Surti and our respective Sir Mr. Hardik C. Soneria for providing their immense support and valuable guidance whenever we needed. And of course, we can't forget to thank to our Parents who is always with us to help and give full support to us in every good work we do.

ACHCHHU FARHAN A. (150860116001)

PATEL SHIVAM N. (160860116031)

PUJARI HIMANSHU S. (160860116037)

DUBEY VISHAL H. (170863116001)

STEAL ME NOT

Submitted By

ACHCHHU FARHAN A. (150860116007)

PATEL SHIVAM N. (160860116031)

PUJARI HIMANSHU S. (160860116037)

DUBEY VISHAL H. (170863116001)

Supervised By

Mr. Hardik C. Soneria
Guide, Assistant Professor
IT Department

Laxmi Institute of Technology, Sarigam (086)

ABSTRACT

Nowadays, Mobile Theft is one of the major problem as it contains every personal details of the owner. In existing system, we can control the device but for that it should have an active Internet connection & GPS Enabled. So we decided to make an Application through which we can remotely control our device. If the phone is kept on the desk, charging, pocket and if someone tries to steal it then Alarm is fired up after certain distance asking for a password to stop it. In one module all the necessary functionalities of the app will be placed & user has to enable them. There will be a second module where all the controls of the button are placed in GUI form. So, if in case the phone is stolen then with the help of this module user can control phones data to Encrypt, Format, access location, detect SIM card insertion, etc. When any button is clicked, SMS is sent to the device & fetched by the App & it's appropriate event gets triggered.

TABLE OF CONTENTS

Chapter	Title	Page No.
1	Introduction	1
	1.1 Project Summary	1
	1.2 Purpose	1
	1.3 Scope	1
	1.4 Report Outline	2
2	Literature Review	3
	2.1 Literature Survey	4
3	Project Management	5
	3.1 Project Planning and Scheduling	5
	3.1.1 Project Development Approach	5
	3.1.2 Project Plan	8
	3.1.3 Schedule Representation	8
4	System Requirements Specification	9
	4.1 User Characteristics	9
	4.2 Hardware and Software Requirements	9
5	System Analysis	10
	5.1 Feasibility Study	10
	5.1.1 Technical Feasibility	10
	5.1.2 Economic Feasibility	10
	5.1.3 Operational Feasibility	10
	5.1.4 Schedule Feasibility	10
	5.1.5 Legal Feasibility	11
	5.2 Functions of System	12
	5.2.1 Use Case Diagram	12
	5.3 Data Modeling	13
	5.3.1 Activity Diagram	13
	5.3.2 Sequence Diagram	15
	5.4 Functional and Behavioral Modeling	17
	5.4.1 Data Flow Diagram	17
6	System Design	10

	6.1 Database Schema Design	19
7	Canvas Representation	20
	7.1 AEIOU Summary	20
	7.2 Empathy Mapping Canvas	21
	7.3 Ideation Canvas	22
	7.4 Product Development Canvas	23
8	Implementation	24
	8.1 Testing	24
	8.2 Test Case	25
	8.3 Important Screenshots	26
	8.4 Sample Code	28
9	Conclusion and Future Work	34
References		35
Appendix		36
	A.PPR	36

LIST OF FIGURES

Figure No.	Title	Page No.
3.1.1	Iterative Enhancement Model	5
3.1.2	Schedule Representation	8
5.2.1	Use Case Diagram	12
5.3.1.1	Activity Diagram for Module 1	13
5.3.1.2	Activity Diagram for Module 2	14
5.3.2.1	Sequence Diagram for Module 1	15
5.3.2.2	Sequence Diagram for Module 2	16
5.4.1	DFD Level 0	17
5.4.2	DFD Level 1	18
7.1	AEIOU Summary	20
7.2	Empathy Summary Canvas	21
7.3	Ideation Canvas	22
7.4	Product Development Canvas	23
8.3.1	Registration Page	26
8.3.2	Login Page	26
8.3.3	Home Page	27
8.3.4	Database with inserted data	27

LIST OF TABLES

Table No	Table Description	Page No.
1.3	The Scope and Boundaries of project	1
2.1	Table for Literature Survey	4
6.1	Database Table for User	19
8.2.1	Test Case for Login	25
8.2.2	Test Case for Registration	25