Insurance Renewal Using Android

Submitted in partial fulfillment of the requirements

for the degree of

Bachelor of Engineering

Synopsis Report - Stage-I

by

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Certificate

This is to certify that the project entitled **Insurance Renewal Using Android** is a bonafide work of **Swati Bhagat (Roll No.04), Diksha Kakphale (Roll No.26), Khushal Patil (Roll No.44) & Dnyaneshwari Desai (Roll No.66)** submitted to the University of Mumbai in partial fulfillment of the requirement for the award of the degree of **Undergraduate** in **DEPARTMENT OF INFORMATION TECHNOLOGY**.

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Project Report Approval

This thesis / dissertation/project report entitled **Insurance Renewal Using Android** by **Swati Bhagat (Roll No.04), Diksha Kakphale (Roll No.26), Khushal Patil (Roll No.44) & Dnyaneshwari Desai (Roll No.66)** is approved for the degree of **DEPARTMENT OF INFORMATION TECHNOLOGY**.

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 also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

Signature

Swati Bhagat (Roll No.04)

Signature

Diksha Kakphale (Roll No.26)

Signature

Khushal Patil (Roll No.44)

Signature

Dnyaneshwari Desai (Roll No.66)

Date.

Abstract

Enter Abstract Content here. .....This should be one/two short paragraphs (100-150 words total), summarizing the project work. It is important that this is not just a re-statement of the original project outline. A suggested flow is background, project aims and main achievements. From the abstract, a reader should be able to ascertain if the project is of interest to them and, it should present results of which they may wish to know more details.

Acknowledgements

We would like to express my special thanks of gratitude to my teacher (Prof.M.B. ZEMSE) as well as our HOD Sir (Dr.Anil Kale) who gave me the golden opportunity to do this wonderful project on the topic (Insurance Renewal Using Android), which also helped me in doing a lot of research and we came to know about so many new things we are really thankful to them. Thank you to all our professors and non-teaching staff who were directly or in-directly involved in making the project success. Secondly we would also like to thank my parents and friends who helped me a lot in finalizing this project within the limited time frame.

Contents

List of Figure

Abbreviations

FEA	**F**inite**E**lement**A**nalysis
FEM	**F**inite**E**lement**M**ethod
LVDT	**L**inear**V**ariable**D**ifferential**T**ransformer
RC	**R**einforced**C**oncrete

For/Dedicated to/To my.

Chapter 1

INTRODUCTION

1.1 Introduction

Safety and security is something that one should take on a prior basis for themselves, their family and the properties they have. General insurance is the right term for all the insecurities and worries. Only buying online insurance is not enough instead, online insurance renewal is also important at the same time. Every single person in Indian Territory is responsible for motor insurance as it is mandated as per government regulation. Initially, buying insurance as well as insurance renewal used to be done by insurance agents. Now, the internet has overpowered the place by making online insurance renewal feasible for people. The introduction of Vehicle Insurance Renewal application has made insurance renewal process hassle-free. It enables user to register themselves by filling up the form online and selecting a premium renewal option along with giving them option to make the payment online. The renewal process let's user receive notifications on their application before their due date of renewal, It also saves them from getting penalty. After making the payment online User will also receive insurance renewed receipt from the company on the application itself. This way user can renew their vehicle insurance simple and instantly.

1.2 Objectives

1. To enable the User to take a close view of the fund performance over the years
2. To motivate the selling of insurance schemes
3. To make the online payment feasible
4. To monitor the insurance schemes transactions
5. To trigger long term strategic planning
6. To encourage the expansion of capital markets.

1.3 Purpose, Scope, and Applicability

Purpose, Scope and Applicability: The description of Purpose, Scope, and Applicability are given below:

1.3.1 Purpose

Purpose: The purpose of this project is to make an user friendly application for user that will enable them to select a preferable vehicle insurance as per their needs. To renew their insurance time to time before their due by sending them notifications in the application about renewal. To save them from penalty from the company.

1.3.2 Scope

Scope: The scope of this project is to help user to understand their vehicle renewal also to know their previous history of renewals on this application. It is quick and user friendly as it will let them make the payment online, select a premium renewal option of their choice. Also, it is secure as they will receive a company confirmation of the renewal after the payment is done. It will help user to unit will enable them to upload images of the documents they need to give in for offline procedure while registering for vehicle insurance.

1.3.3 Applicability

Applicability: Blank.

1.4 Achievements

Achievements: blank

1.5 Organisation of Report

Organization of Report: Summarizing the remaining chapters of the project report, in effect, giving the reader an overview of what is to come in the project report.

Chapter 2

LIRERATURE SURVEY

In this chapter we survey previous research done on insurance renewal, we have studied about following papers published by some experts.

Chapter 3

SURVEY OF TECHNOLOGIES

In this chapter Survey of Technologies you should demonstrate your awareness and understanding of Available Technologies related to the topic of your project. You should give the detail of all the related technologies that are necessary to complete your project. You should describe the technologies available in your chosen area and present a comparative study of all those Available Technologies. Explain why you selected the one technology for the completion of the objectives of your project.

Chapter 4

REQUIREMENTS AND ANALYSIS

4.1 Problem Definition

Insurance plays a key in promoting the socioeconomic development of modern economy. It's a policy where an insurance company promises to pay benefit on the deadth of the person whose life is insured. However, there is a problems related to insurance industries, which hinders its smooth operation . Some of the problems faced in Insurance such as :

- The alarming declining premium rates due to unhealthy competition.
- Most branches of the company were concentrated around urban areas.
- Lack Of insurance professionalism and training staffs.
- Lack of adequates advertising to the promotion of insurance.

4.2 Requirements Specification

1.Functional Requirements

- ✓ The system provide registration as well sign in details to the user.
- ✓ User fill their details about the insurance such as vehicle number, vehicle type, insurance date etc.

- ✓ Admin gets request from the user for verification.
- ✓ Further verification, user gets all information about insurance.

2. Non Functional Requirements

- ✓ **USER INTERFACE**

  The system shall maintain as easy to use interface across the platform

- ✓ **SCALABILITY**

  The system shall be able to scale based on the number of user using the system.

- ✓ **SECURITY**

  The administrative system should be protected from unauthorized access. The database should be protected from attacks and unauthorized access.

- ✓ **PORTABILITY**

  The system should run on a variety of hardware devices.

- ✓ **MAINTAINABILITY**

  The system should be easy to maintain

4.3 Planning and Scheduling

Planning and scheduling is a complicated part of software development. Planning, for our purposes, can be thought of as determining all the small tasks that must be carried out in order to accomplish the goal. Planning also takes into account, rules, known as constraints, which, control when certain tasks can or cannot happen. Scheduling can be thought of as determining whether adequate resources are available to carry out the plan.

4.4 Software and Hardware Requirements

The software and hardware requirements necessary to implement the insurance renewal are stated below

Hardware Requirement:

- Processor: Pentium IV
- Hard Disk : 50GB
- RAM : 4GB (minimum)

Software Requirements:

- Operating System : Windows or Linux
- Android SDK, Simulator, IDE, OS

4.5 Preliminary Product Description

As main focus of interaction is stop tracking expiration dates manually, here we use automatic notification, track status. When user login into system he will get all insurance details at one central place without wasting time.

4.6 Conceptual Models

You should understand the problem domain and produce a model of the system, which describes operations that can be performed on the system, and the allowable sequences of those operations. Conceptual Models could consist of complete Data Flow Diagrams, ER diagrams, Object-oriented diagrams, System Flowcharts etc.

Chapter 5

SYSTEM DESIGN

Describes desired features and operations in detail, including screen layouts, business rules, process diagrams, pseudo code and other documentation.

5.1 Basic Modules

You should follow the divide and conquer theory, so divide the overall problem into more manageable parts and develop each part or module separately. When all modules are ready, you should integrate all the modules into one system. In this phase, you should briefly describe all the modules and the functionality of these modules.**Elements of Project Development**

5.1.1 Logic Diagrams

5.1.2 Data Structures

5.1.3 Algorithms Design

5.2 User interface design

Define user, task, environment analysis and how you intend to map those requirements in order to develop a “User Interface”. Describe the external and internal components

and the architecture of your user interface. Show some rough pictorial views of the user interface and its components.

5.3 Security Issues

Discuss Real-time considerations and Security issues related to your project and explain how you intend avoiding those security problems. What are your security policy plans and architecture?

Chapter 6

CONCLUSIONS

6.1 Conclusion

By the implementation of this application, there will be a transparency in the field of vehicle insurance and it will help in the centralization of insurance renewal, by making user-friendly online payment options for end users. There will be messages in the form of notifications sent to users before their due date of expiring. It will help them not to get any penalty. There will be an option to upload documents. So it will eventually save the physical work of users by making it quick. Better insurance policies and premiums can be selected in the application. Such system implemented will be a result in various helps to the user as well as the insurance companies.

6.2 Limitations of the System

- The premium is lower than the penalties.
- There is no inspection and the policy is issued immediately.
- Renewing the policy within 90 days of lapsation has another.
- The policy is issued once the inspection is completed and the premium paid.

6.3 Future Scope of the Project

- More payment options such payment gateway, bank prepaid cards, etc can be add
- User can see the nearby insurance companies to their locations
- More can companies can be added for better options for users and insurance companies as well.
- OCR can be introduced to scan the details of the documents.

Appendix A

Appendix A

Write your Appendix content here. ... These may be provided to include further details of results, mathematical derivations, certain illustrative parts of the program code (e.g., class interfaces), user documentation etc.

PROJECT REPORT STRUCTURE

INTRODUCTION

The project report should be documented with an engineering approach to the solution of the problem that you have sought to address. The project report should be prepared in order to solve the problem in a methodical and professional manner, making due references to appropriate techniques, technologies and professional standards. You should start the documentation process from thefirst step of software development so that you can easily identify the issues to be focused upon in the ultimate project report. You should also include the details from your project notebook, in which you would have recorded the progress of your project throughout the course. The project report should contain enough details to enable examiners to evaluate your work. The details, however, should not render your project report as boring and tedious. The important points should be highlighted in the body of the report, with details often relegated to appendices

IMPORTANCE OF PROJECT/PROJECT REPORT

The Mini Project is not only a part of the coursework, but also a mechanism to demonstrate your abilities and specialisation. It provides the opportunity for you to demonstrate originality, teamwork, inspiration, planning and organisation in a software project, and to

put into practice some of the techniques you have been taught throughout the previous courses. The Mini Project is important for a number of reasons. It provides students with:

- opportunity to specialise in specific areas of IT;
- future employers will most likely ask you about your project at interview;
- opportunity to demonstrate a wide range of skills and knowledge learned, and
- encourages integration of knowledge gained in the previous course units.

The project report is an extremely important aspect of the project. It serves to show what you have achieved and should demonstrate that:

Elements of Project Development

- You understand the wider context of computing by relating your choice of the project, and the approach you take, to existing products or research.
- You can apply the theoretical and practical techniques taught in the course to the problem you are addressing and that you understand their relevance to the wider world of computing.
- You are capable of objectively criticising your own work and making constructive suggestions for improvements or further work based on your experiences so far.
- You can explain your thinking and working processes clearly and concisely to others through your project report.

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