

Motilal Nehru National Institute of Technology Allahabad



PROJECT REPORT

ONLINE INSURANCE

Master of Computer Application (M.C.A.)

Coordinated by
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Instructed by
Ms. Roshni Singh

Acknowledgement

The satisfaction that accompanies the successful completion of any task would be incomplete without the mention of people whose ceaseless cooperation made it possible, whose constant guidance and encouragement crown all efforts with success.

We are grateful to our project coordinator **Dr. Rajitha Bakthula** and project guide **Ms. Roshni Singh** for the guidance, inspiration and constructive suggestion that helped us in the preparation of this project.

We also thank our colleagues who have helped in successful completion of the project.

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Problem Statement

The Manual insurance system provides services only during office hours and types of services are also fixed. So; customers have limited time and choice to purchase policy. The existence of the online insurance systems nowadays has overcome the limitation of the business operation hour. However; there is still a few numbers of these online insurance systems. Besides that, there are some customers who faced a problem in choosing a policy for their car, bike, mobile and laptop, some of the important requirements.

1. To purchase a policy customer must first go to the nearest office to register as a client.
2. To claim a policy customer must first go to the nearest office and also involves a lot of paperwork and consumes time.

Introduction

Definition

Insurance is a means of protection from financial loss. It is a form of risk management, primarily used to hedge against the risk of a contingent or uncertain loss. An entity which provides insurance is known as an insurer, insurance company, insurance carrier or underwriter. A person or entity who buys insurance is known as an insured or as a policyholder. The insurance transaction involves the insured assuming a guaranteed and known relatively small loss in the form of payment to the insurer in exchange for the insurer's promise to compensate the insured in the event of a covered loss. The loss may or may not be financial, but it must be reducible to financial terms, and usually involves something in which the insured has an insurable interest established by ownership, possession, or pre-existing relationship.

Purpose

Insurance is something that most people don't like to think about. In Today worlds Car, Bike, Mobile and Laptop is going to most valuable insurance in Insurance world. This, however, is hardly surprising, because insurance means adding on an extra cost to something you have already paid for and then not knowing whether you will ever benefit from that added expense.

Scope

Online marketing and services are spreading at a lightning speed to almost all the corners of the world. A developing country like India has also been touched by the online services and now almost everything in India is going online. The limit is not only the online shopping and the social networks. Nearly every service from financial to educational and many more are going online so that you do not have to go out anywhere to fetch a particular service.

System Analysis

Introduction

Analysis is can be defined as breaking up of any whole so as to find out their nature, function etc. It defines design as to make preliminary sketches of: to sketch a pattern or outline for plan. To plan and carry out especially by artistic arrangement or in a skill full wall. System analysis and design can be characterized as a set of techniques and processes, a community of interest, a culture and an intellectual orientation. The various tasks in the system analysis include the following.

- Understanding application.
- Planning.
- Scheduling.
- Developing candidate solution.
- Performing trade studies.
- Performing cost benefit analysis.
- Recommending alternative solutions.
- Supervising, installing and maintaining the system.
- This system manages to the analysis of the report creation and develops manual entry of the student attendance. First design the student entry form, staff allocation and time table allocation forms.

Feasibility Study

Feasibility analysis begins once the goals are defined. It starts by generating broad possible solutions, which are possible to give an indication of what the new system should look like. This is where creativity and imagination are used. Analysts must think up new ways of doing things to generate new ideas. There is no need to go into the detailed system operation yet. The solution should provide enough information to make reasonable estimates about project cost and give users an indication of how the new system will fit into the organization. It is important not to exert considerable effort at this stage only to find out that the project is not worthwhile or that there is a need to significantly change the original goal. Feasibility of a new system means ensuring that the new system, which we are going to implement, is efficient and affordable. There are various types to be determined.

Economically Feasibility

Development of this application is highly economically feasible. The only thing to be done is making an environment with an effective supervision. It is cost effective in the sense that it has eliminated the paper work completely. The system is also time effective because the calculations are automated which are made at the end of the month or as per the user requirement.

Technical Feasibility

The technical requirement for the system is economic and it does not use any other additional hardware and software. Technical evaluation must also assess whether the existing systems can be upgraded to use the new technology and whether the organization has the expertise to use it.

Operational Feasibility

The system working is quite easy to use and learn due to its simple but attractive interface. User requires no special training for operating the system. Technical performance includes issues such as determining whether the system can provide the right information for the department personal student details, and whether the system can be organized so that it always delivers this information at the right place and on time using intranet services.

Legal feasibility

This is an assessment of whether the project meets the legal requirements that exist for implementation. An example is whether a new building meets the requirements of the law, whether the location was suitably chosen and construction is approved by the authorities. Legal feasibility also encompasses the ethical aspects of a project, for example does a new plant dump its waste in a manner that is environmentally friendly. The project may also be a new undertaking that is not covered under any law and so this must also be checked.

Abstract

Online insurance system deal with the maintenance and transaction for insurance services. It keeps all data about user and their policies. Online insurance system calculate all charges such as GST and discount. Online insurance system has Mobile, Car, Bike, Laptop insurances, in which user can purchase any insurance services according to their need. Client can also renew, claim and update their subscription according to their need and purposes.

Admin Module

This module is the main module in which admin will look after policy details, latest updates on policy, terms and conditions information of different branches and he can recruit sub admin.

Sub Admin Module

This module is managed by sub admin that manage pending request and query ask by the customer.

Customer Module

Using this module customer can log in to account and know details about different policy and total amount they paid and pending payments details.

The Overall description

Online insurance system calculate all charges such as GST and discount. Online insurance system has Mobile, Car, Bike and Laptop insurances, in which user can purchase any insurance services according to their need. Client can also renew, and update their subscription according to their need and purposes.

Product Function

System has two types of accessing modes: -

- 1.Administrator (Admin/Subadmin)
- 2.User

1)Administrator

(a)Admin

Admin have rights to manage sub Admin data and their roles.

(b)Sub Admin

Sub Admin manage pending claim request and take decision either accept or reject request on the basis of details provide by customer.

2)User

(a)Purchase Policy

User can purchase a policy for their car, bike, laptop or mobile. Different policy options are available user can purchase according to their need. Three types of plan available on the basis of one year, two year and three year duration.

(b)Renew Policy

User can renew their policy in very few steps.

(c)Claim

User can claim for their IDV (Insured Declared Value).

Used technologies

Front-end

Laravel-PHP Framework

Laravel is a free, open-source PHP web framework, created by Taylor Otwell and intended for the development of web applications following the model–view–controller (MVC) architectural pattern and based on Symfony. Some of the features of Laravel are a modular packaging system with a dedicated dependency manager, different ways for accessing relational databases, utilities that aid in application deployment and maintenance. Taylor Otwell created Laravel as an attempt to provide a more advanced alternative to the CodeIgniter framework, which did not provide certain features such as built-in support for user authentication and authorization. Laravel's first beta release was made available on June 9, 2011, followed by the Laravel 1. In our project we used Laravel 6.0 which was released on September 3, 2019, introducing semantic versioning, compatibility with Laravel Vapor, improved authorization responses, improved job middleware, lazy collections, and sub-query improvements.

Bootstrap-Web Framework

Bootstrap originally named Twitter Blueprint, was developed by Mark Otto and Jacob Thornton at Twitter as a framework to encourage consistency across internal tools. A super small group of developers build a new internal tool to document and share common design patterns. Bootstrap is a web framework that focuses on simplifying the development of informative web pages. The result is a uniform appearance for prose, tables and form elements across web browsers. In addition, developers can take advantage of CSS classes defined in Bootstrap to further customize the appearance of their contents. For example, Bootstrap has provisioned for light- and dark-colored tables, page headings, more prominent pull quotes, and text with a highlight. Bootstrap also comes with several JavaScript components in the form of jQuery plugins. They provide additional user interface elements such as dialog boxes, tooltips, and carousels. Each Bootstrap component consists of an HTML structure, CSS declarations, and in some cases accompanying JavaScript code. They also extend the functionality of some existing interface elements, including for example an auto-complete function for input fields.

Hypertext Markup Language (HTML)

HTML is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document. HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page. HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. HTML elements are delineated by *tags*, written using angle brackets.

Cascading Style Sheets (CSS)

CSS is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript. CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .Separation of formatting and content also makes it feasible to present the same markup page in different styles for different rendering methods, such as on-screen, in print, by voice (via speech-based browser or screen reader), and on Braille-based tactile devices. CSS also has rules for alternate formatting if the content is accessed on a mobile device.

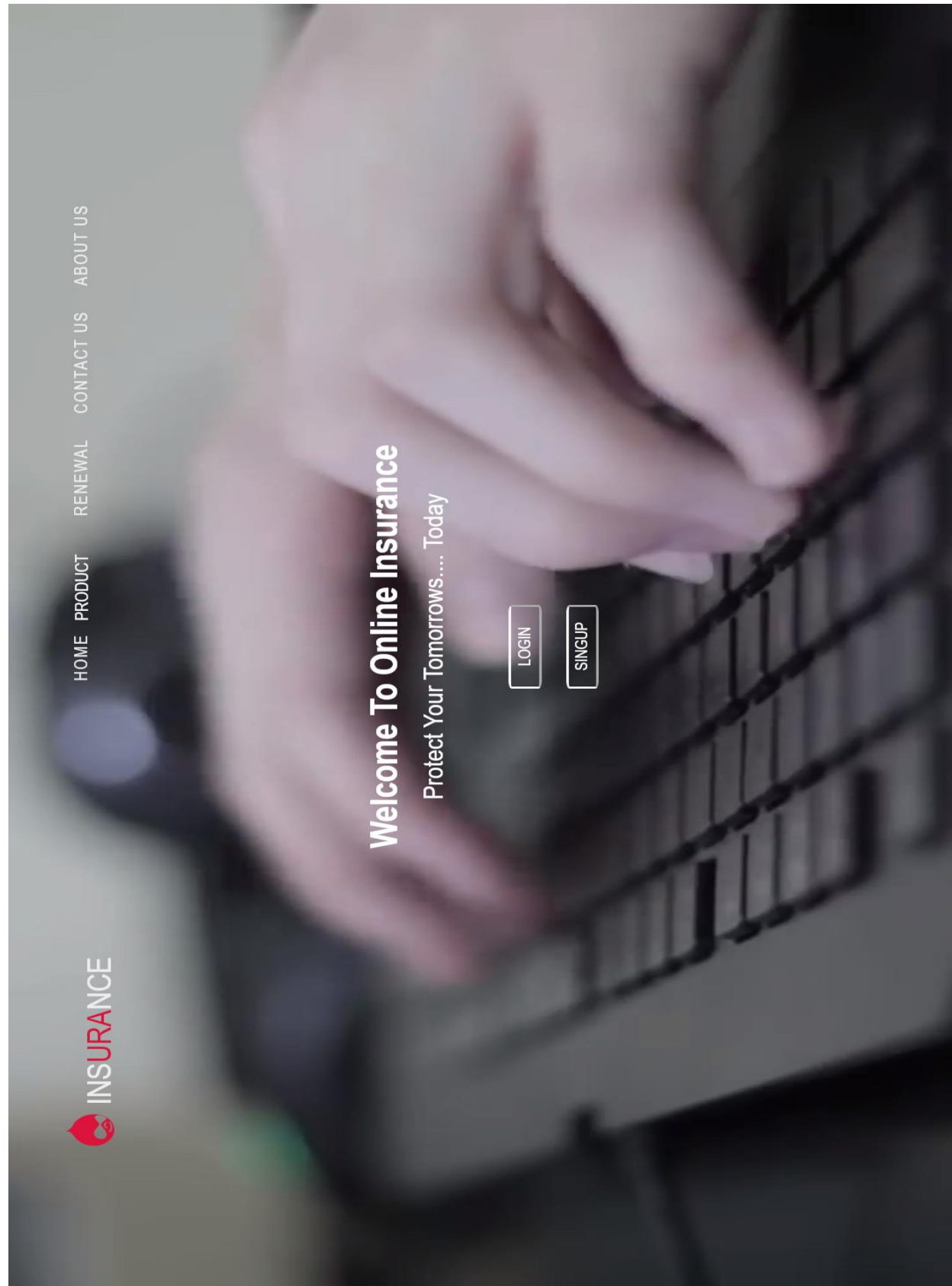
Back-end

Personal Home Page (PHP)

PHP is a general-purpose programming language originally designed for web development. It was originally created by Rasmus Lerdorf in 1994 the PHP reference implementation is now produced by The PHP Group. PHP originally stood for Personal Home Page, but it now stands for the recursive initialism PHP: Hypertext Preprocessor. PHP code may be executed with a command line interface (CLI), embedded into HTML code, or used in combination with various web template systems, web content management systems, and web frameworks. PHP code is usually processed by a PHP interpreter implemented as a module in a web server or as a Common Gateway Interface (CGI) executable. PHP can be used for many programming tasks outside of the web context, such as standalone graphical applications and robotic drone control.

MySQL

MySQL is the world's most popular open source database. With its proven performance, reliability and ease-of-use, MySQL has become the leading database choice for web-based applications, used by high profile web properties including Facebook, Twitter, YouTube, Yahoo! and many more. MySQL is free and open-source software under the terms of the GNU General Public License. It was owned and sponsored by the Swedish company MySQL AB, which was bought by Sun Microsystems In 2010, when Oracle acquired Sun, Widenius forked the open-source MySQL project to create MariaDB. MySQL is offered under two different editions: the open source MySQL Community Server and the proprietary Enterprise Server.




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OUR NEWSLETTER

New Insurance for mobile!!! Code_Monk launches on Monday at 1st 4 p.m Mobile Insurance for all mobile brands such as iPhones, Samsung, Nokia, along with 22



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Register

Name:

Dob:

mm/dd/yyyy

E-Mail Address:

Password:

Confirm Password:

Mobile No.:

Aadhar No.:

Gender:

☐ Male
 ☐ Female
 ☐ Others

Address:

Pin Code:

City:

State:

Country:

Upload File:

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Select	<input type="text" value="Car"/>
Price	<input type="text" value="9874000"/>
Bought in year	<input type="text" value="2015"/>

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Car

1 Year insurance price including GST.

296220

Free Greasing

Any Time Claim

Free 1 ltr Mobil

Stree-free for 1 years in one go

Buy Now

2 Years insurance price including GST.

493700

Free Greasing

Any Time Claim

Free 1 ltr Mobil

Stree-free for 2 years in one go

Buy Now

3 Years insurance price including GST.

691180


Free Greasing

Any Time Claim

Free 2 ltr Mobil

Stree-free for 3 years in one go

Buy Now



ONLINE INSURANCE

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Renewal

Policies

Claim

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user ▾

Car Registration Form

Name of policy holder

user

Aadhar number

123456789012

Mobile number

8461947548

Email

user@gmail.com

CAR REGISTRATION NUMBER

REWQ1456

MODEL NUMBER

BMW100

CHASSIS NUMBER

CHBMW965874

Select

One year ▾

PURCHASING YEAR

2015

PRICE

9874000

AMOUNT TO BE PAID...

296220

INSURED DECLARED VALUE(IDV)

4937000

UPLOAD BILL

Choose File download.jiff

UPLOAD PHOTO OF CAR

Choose File download.jiff

CHASSIS NUMBER(PHOTO)

Choose File download.jiff

PHOTO OF NUMBER PLATE(FRONT)

Choose File download.jiff

PHOTO OF NUMBER PLATE(BACK)

Choose File download.jiff

☒ I Agree [Terms & Conditions](#)

Submit

Reset

Online Insurance

USEFUL LINKS

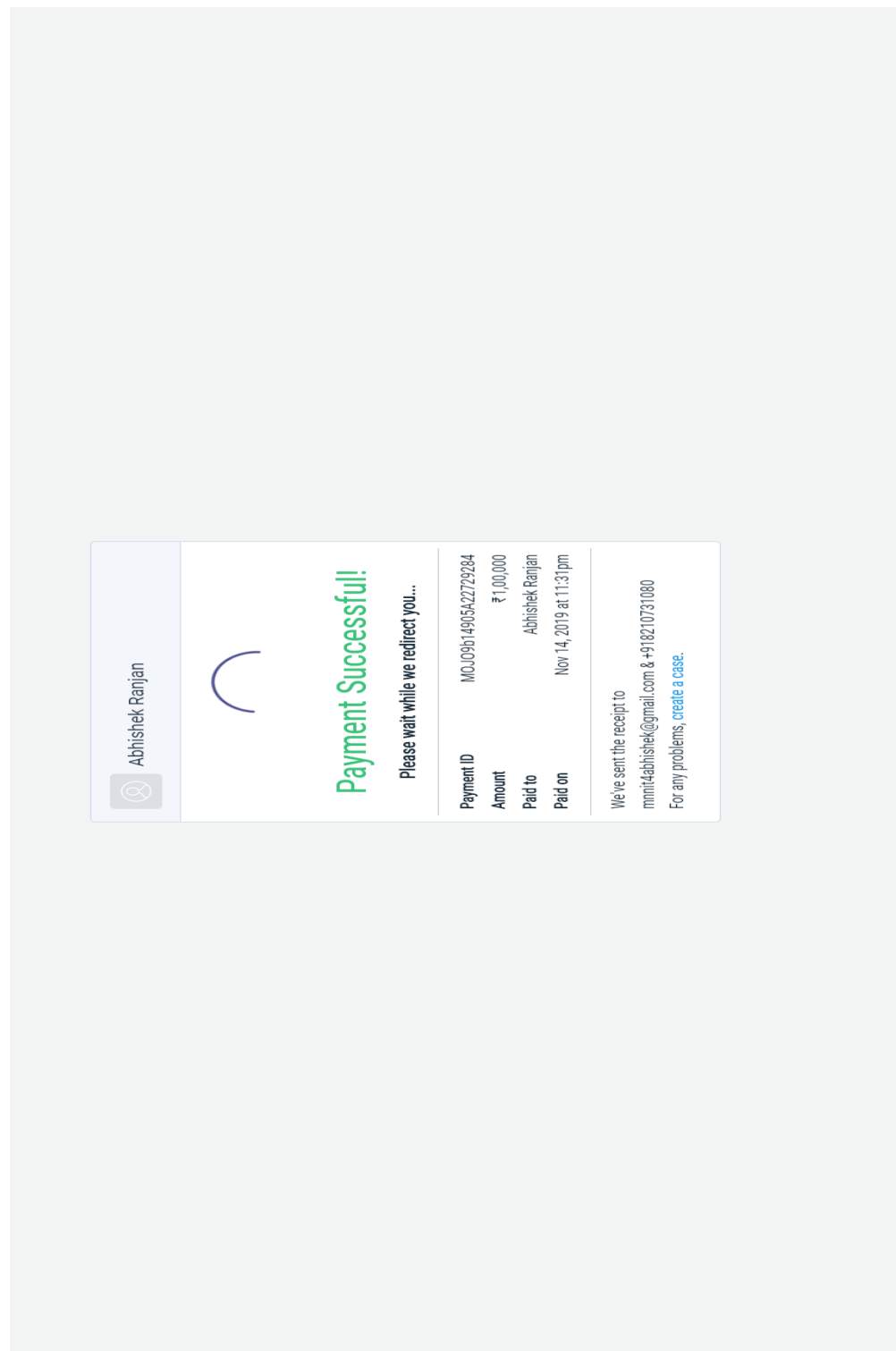
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[user](#)

Car Renewal

Select	One year	
POLICY NO:	10001	
PURCHASING YEAR:	2018	
PRICE	69854	
<input type="button" value="Check"/>		
AMOUNT TO BE PAID...	2095	
INSURED DECLARED VALUE(IDV) 55883		
<input checked="" type="checkbox"/> I Agree Terms & Conditions		
<input type="button" value="Submit"/> <input type="button" value="Reset"/>		

Online Insurance





Online Insurance by Code_Monk provides valuable services for our client because our client is not a client, our client is the resource and backbone of our company. The Code_Monk has the vision for the future for those who take insurance for everything.

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Edit Role for Registered User.

Name

user


Give Role


SubAdmin


Update


Cancel


DASHBOARD


 USER PROFILE


 INSURANCE DATA

 EMPLOYEE DATA

 NOTIFICATIONS

 NEW PLAN

 REMINDER

 TASK

Home

Registered Roles

ID	Name	Phone	Email	UserRole	Edit	Delete
1	user	8461947548	user@gmail.com		Edit	DELETE
2	admin	08461947548	admin@gmail.com	admin	Edit	DELETE
3	subadmin	8978987898	subadmin@gmail.com	subadmin	Edit	DELETE
4	borde	8461234567	borde@gmail.com		Edit	DELETE
5	ranjan	8461947548	ranjan@gmail.com		Edit	DELETE
6	userone	08461947548	userone@gmail.com		Edit	DELETE

DASHBOARD

PENDING REQUEST

CUSTOMERS QUERY

ACCOUNT

NOTIFICATIONS

EMPLOYEE MANAGEMENT

ACTIVE POLICY

ASSIGN TASK

Home

POLICY_ID

ID

POLICY_FOR

PRICE(On_bill)

YEAR(On_bill)

AT

STARTING

FROM

ENDING

AT

POLICY_AMOUNT

IDV(On_claim)

STATUS

STATUS

10003	CAR	69854	2018	2019-11-14	2020-11-13	2095	55883	Pending
10004	CAR	89755	2018	2019-11-14	2020-11-13	2692	71804	Pending
10005	CAR	69854	2018	2019-11-14	2020-11-13	2095		
10007	CAR	9874564	2019	2019-11-15	2020-11-14	296236		
10008	CAR	12000	2019	2019-11-15	2020-11-14	360		
10009	CAR	9887544	2019	2019-11-15	2020-11-14	290626		
10010	CAR	9874000	2015	2019-11-15	2020-11-14	296220		
10011	CAR	9874000	2015	2019-11-15	2020-11-14	296220		
20001	BIKE	69854	2018	2019-11-14	2020-11-13	2095		
20002	BIKE	69854	2018	2019-11-14	2020-11-13	2095		

Confirm

Process Id

Enter Process Id

Policy For

Car

Action

Accept

Accept

Reject

Process

Close

Your Name

Your Email

Subject

Message

Send Message

Online Insurance





Online Insurance by Code_Monk provides valuable services for our client because our client is not a client, our client is the resource and backbone of our company. The Code_Monk has the vision for the future for those who take insurance for everything.

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Requirement Specifications

Hardware Requirements

RAM	2GB
Hard Disk	128GB
Processor	Intel pentium processor

Software Requirements

Operating System	Windows 10
Front Design	Html, CSS, JavaScript, Bootstrap
Back-End	MySQL, PHP
Framework	php laravel

Future Scope

This application can be updated in various situations. We can add new features according to the requirement. Reusability is possible, there is flexibility in all the modules.

Renewal Reminder

Automated renewal reminder service.

Instant Policy

Get policy instantly with direct settlements.

Helpline

Customer service and claims registration with Helpline numbers.

Accident Help

Medical and towing assistance for accidents.

Quick Surveys

Claims survey is quick.

7 Days, All Done

Just 7 working days for claims finalization.

Reference

- <https://laravel.com/docs/6.x>
- <https://www.youtube.com/>
- <https://stackoverflow.com/>
- <https://www.godigit.com/>
- <https://www.policybazaar.com/>
- <https://www.w3schools.com/>
- <https://getbootstrap.com/>
- <https://www.acko.com/>