A

PROJECT REPORT

ON

Security Expert

Submitted in partial fulfillment for the award of the degree of

Master of Computer Application (MCA)

(Session 2017 - 2018)

Under the Guidance of:

Mr. Shahrukh Anwer

(External Guide)

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(Internal Guide)

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Ghaziabad

(Affiliated to Uttar Pradesh Technical University, Lucknow)

System is a bonafide record of independent work done by Bhawna Sagar(16220148054 under my supervision during March/2018 TO May/2018, in partial fulfillment of the requirements for the award of the degree of Master of Computer Applications at **Hi-Tech Institute of Engineering & Technology, Ghaziabad.(Affiliated to UPTU Lucknow (U.P))** in session **2017-2018** and that the Project has not previously formed the basis for the award of any other degree, Diploma, Associate ship, Fellowship or other title.

Signature of the Project Manager/Supervisor

(With Seal)

CERTIFICATE OF ORIGINALITY

I hereby declare that the work which is being presented in this project work entitled **"Secutity Expert"** in partial fulfillment of the requirements for the award of the degree of Master of Computer Applications at

Hi-Tech Institute of Engineering & Technology, Ghaziabad is an authentic record of my own work carried out during the period March-2018 to May-2018 under the supervision and guidance of Mr. Bhaskar Sharma.

I have not submitted the matter embodied in this project work anywhere for the award of any degree or diploma.

Place: BHAWNA SAGAR

Date:

ACKNOWLEDGEMENT

With a deep sense of gratitude, we wish to express our sincere thanks to our supervisor, **Mr. Bhaskar Sharma,** for his immense help in planning and executing the work in time. The confidence and dynamism with which he guided the work requires no elaboration. His company and assurance at the time of crisis would be remembered lifelong. His valuable suggestions as final words during the course of work are greatly acknowledged. What I know today about the process of project, I learned from **Mr. Bhaskar Sharma Sir.**

Our sincere thanks to **Mr. Bhaskar Sharma** (project coordinator) for providing me constant encouragement. Our Special thanks to **Dr..Vihang Garg** (Vice Chairman), **Dr. Dhiraj Gupta** (Director) and **Mr. Hoshiyar Singh Kanyal** (Head of department, Department of Master of Computer Application) for extending timely help in carrying out our important pieces of work. The cooperation we received from other faculty members of our department is gratefully acknowledged. We will be failing in our duty if we do not mention the laboratory staff and administrative staff of this department for their timely help.

Finally, we would like to thank all whose direct and indirect support helped us in completing our project in time.

Date:

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INTRODUCTION TO PROJECT

INTRODUCTION TO PROJECT

1.1 Introduction:-

- This project Security Expert has been developed on PHP and MySQL database.
- The aim of this project is to provide the security to the people as there requriments.
- In other word this will provide the service according to the secuation and the user requriments.
- The Guards can get update through the mail that they got the job.
- This web site will provide the part time kind of jobs for the people who need money can work with as user demand.
- This system is maintaining Client's information, This is done by creating a database of the available guard for the job.

1.2 Goals of project:-

Communication:-

To develope a instant messaging solution to enable users to seamlessly communicate with each other.

User friendliness:-

The project should be very easy to use enabling a novoice person use to it.

1.3 Application:-

This program can be used in any browser with the help of laptop , Computers and tabs. The user can easily register as gurad if he/she want the job or as a customer if he/she want the security guard for the security purpose like:- for party, for home security etc.

ORGANIZATIONAL OVERVIEW

ORGANIZATIONAL OVERVIEW

Cost/ Benefit analysis

Economic analysis is the most frequently used method for evaluating the effectiveness of a candidate system. More commonly known as cost benefit analysis, the procedure is to determine the benefits and savings that are expected from a candidate system and compare them with costs. If benefits overweigh costs, then the decision is made to design and implement the system. Otherwise, further justification or alterations in the proposed system will have to be made if it is to have a chance of being approved. This is an ongoing effort that improves in accuracy at each phase in the system life cycle.

Costs:

- Cost of new computer approximately Rs. 22,000/-
- Cost of operating system approximately Rs. 5000/-

Benefits:

- Avoids tedious typing task
- Faster document retrieval
- Saving storage space
- Keeps data secure
- Easy to use, update and maintain

SYSTEM ANALYSIS

SYSTEM ANALYSIS

System analysis is a way of studying a system with an eye on solving it's problem using computer. It is the most essential part of the development of the project of a system analysis. System analysis consist of system element, process and technology. To analysis a system, has to study the system in details.

The analyst has to understand the functioning and concept of system in detail, before designing the appropriate computer based system that will meet all the requirement of the existing system. The system analyst has to carry out the customary approach too use the computer for solving problems.

The above steps constitute the logical framework for the system analysis.

After the preliminary investigation and feasibility study, the scope of the defined and comparable items are set forth and hence detailed investigation is executed. This allows the system analyst to comprehend the full scope of the project. Soon after the implementation of the newly developed system, followed by the training of the user, the system analyst is included.

Preliminary investigation:-

A request to receive assistance from information system can be made for many reasons, but in a case of manager, employee, system specialist initiates the request. When that request is made, the first system activity preliminary investigation begins.

FEASIBILITY STUDY

FEASIBILITY STUDY

A feasibility study is to determine the possibility or probability of improving the existing system or developing a totally new system. Feasibility study is systematic and through study of the existing system and an attempt to trace out the disadvantage of the existing system.

Once management accepts the study proposals, It will lead to an investigation of the existing system or problem area. This investigation is conducted in close collaboration with user management and insufficient depth to establish in broad terms the technical, operational, and economical feasibility of the proposal.

The purpose of this chat is to communicate efficiently with different users in a local area network and exchange data between them. The feasibility of this project depends upon a number of factors such as time, cost and technology etc.

Need for feasibility study:-

The feasibility study is needed for following things.

- Answer the questions whether a new system is installed or not?
- Determine the potential of existing system.
- Improve the existing system.
- Know what should be embedded in new system.
- Define the problems and objectives involved.
- Avoid costly and at later stage when system is implemented.
- Avoid crash implementation of new system

The feasibility study is divided into three parts:-

- Technical feasibility
- Economical feasibility
- Operational feasibility

Technical feasibility:-

Technical feasibility centers on the existing manual system of the test management process and to what extent it can support the system.

According to feasibility system analysis the technical feasibility of the system Is analyzed and the technical requirement such as software facilities, procedures, inputs are identified. It is also one of the important phase of the system development activities.

The system offers the greater levels of user friendliness combined with greater processing speed. Therefore cost of the maintenance can be reduced. Since processing speed is very high and the work is reduced in the maintenance point of view management convince that the project is feasible.

Economic feasibility:-

Economic analysis is most frequently used for evaluation of the effectiveness of the system. More commonly knows as cost/benefits analysis. The procedure is to determine the benefit and saving that are expected from a system and compare them with costs, decisions is made to design and implement the system.

This part of feasibility study gives the top management the economic justification for the new system. This is an important input in the management, because very often the top management doesn't like to get confounded by the various technicalities that bound to be associated with a project of this kind.

A simple economic analysis that gives the actual comparison of cost and benefit is much more meaningful in such cases.

In the system, the organization is most satisfied by economic feasibility.

Because , if the organization implements this system, it need not require any additional hardware resources as well as it will be saving lot of time.

Behavioral/operational feasibility:-

This analysis involves how it will work when it is installed and the assessment of political and managerial environment in which it is implemented. People are inherently resistant to change and computers have been known to facilitate change. The new proposed system is very much useful to the users and therefore it will accept broad audience from around the world.

Definition:-

System Analysis is the detailed study of the various operations performed by the system and their relationships within and outside the system. Analysis is the process of breaking something into its parts so that the whole may be understood. System analysis is concerned with becoming aware of the problem, identifying the relevant and most decisional variables, analyzing and synthesizing the various factors and determining an optional or at least a satisfactory solution. During this a problem is identified, alternate system solutions are studied and recommendations are made about committing the resources used to the system.

ANALYSIS

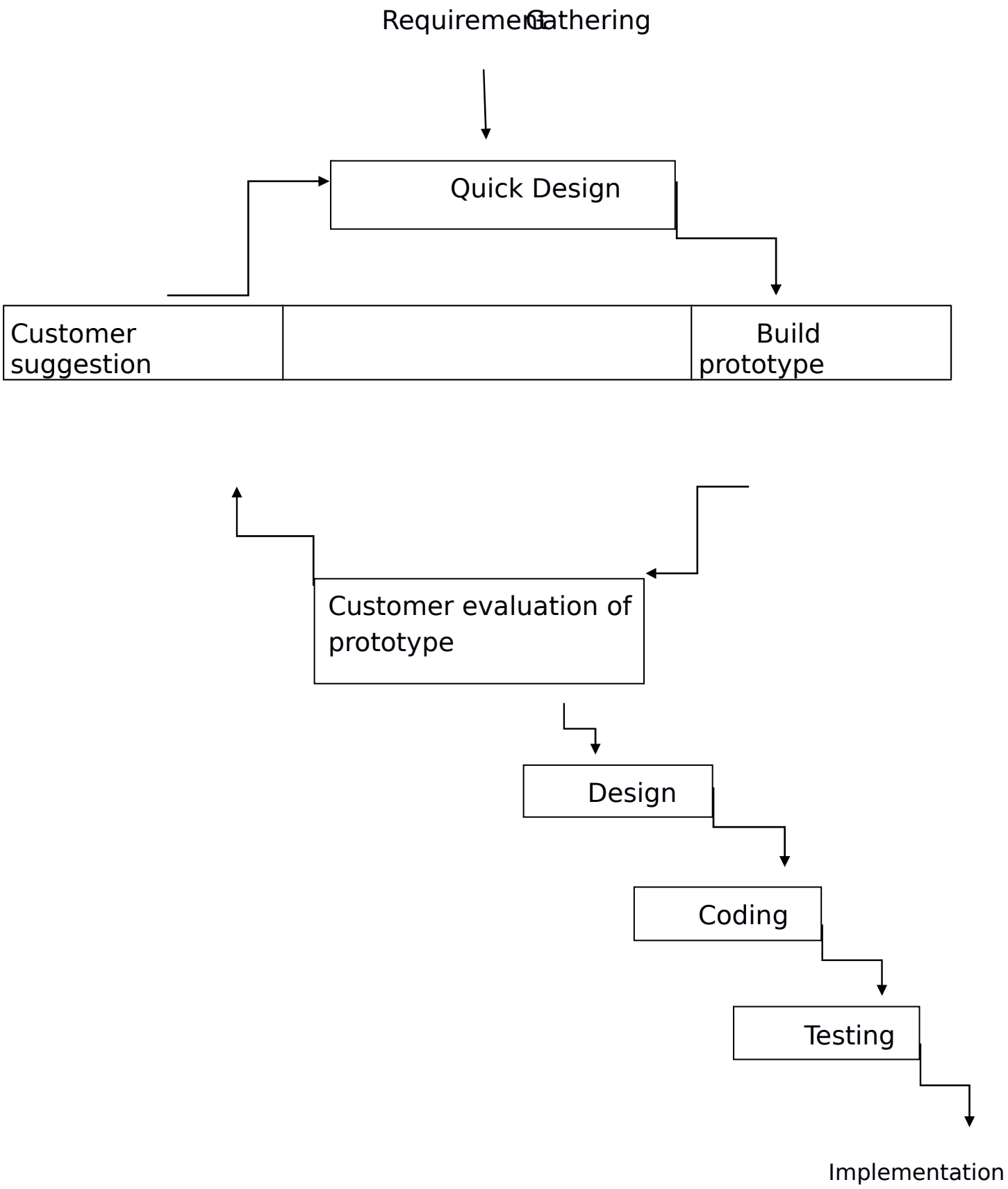
ANALYSIS

The prototype model:-

The prototype model suggest that before carried out the development of actual software model a working prototype of the software should be build. Prototype usually exhibit limited functionality, low reliability, and efficient performance compare to the actual software.

Benefit of prototyping model:-

The prototyping paradigm begin with the requirement gathering. Develpoer and customers meet and define the overall objective for the software, identify the requiremnts and outlines the areas where further definition are neccesary. The prototype model ios often quite different from that of final system.


Requirement Gathering
Quick Design
Customer suggestion
Build prototype
Customer evaluation of prototype
Design
Coding
Testing
Implementation

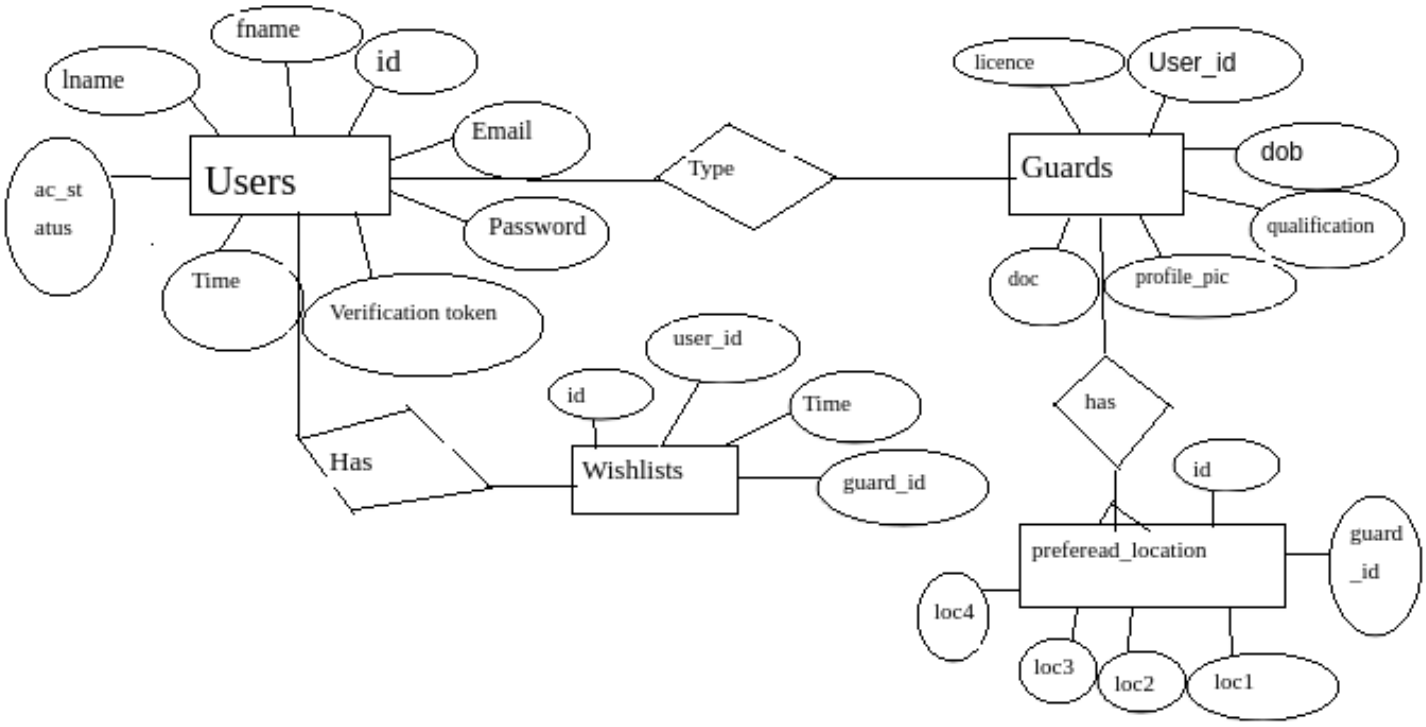
The benefits of building a prototype early in the software process:- Misunderstanding between the developers and the users may be identified, as the functions are demostrated.

- Missing user services can be detected.
- Difficult to use and coonfusing user services may be identified and refined.
- Software development may find incompleteness and inconsistency in requirement as the prototype is developed.
- The prototype serves as a basis for writing the specification for a product quality system. Though the principle purpose of prototyping is to validate software requirement, software prototype also has other uses.
- A prototype can be used for trianing users before the normal system has been delieverd.

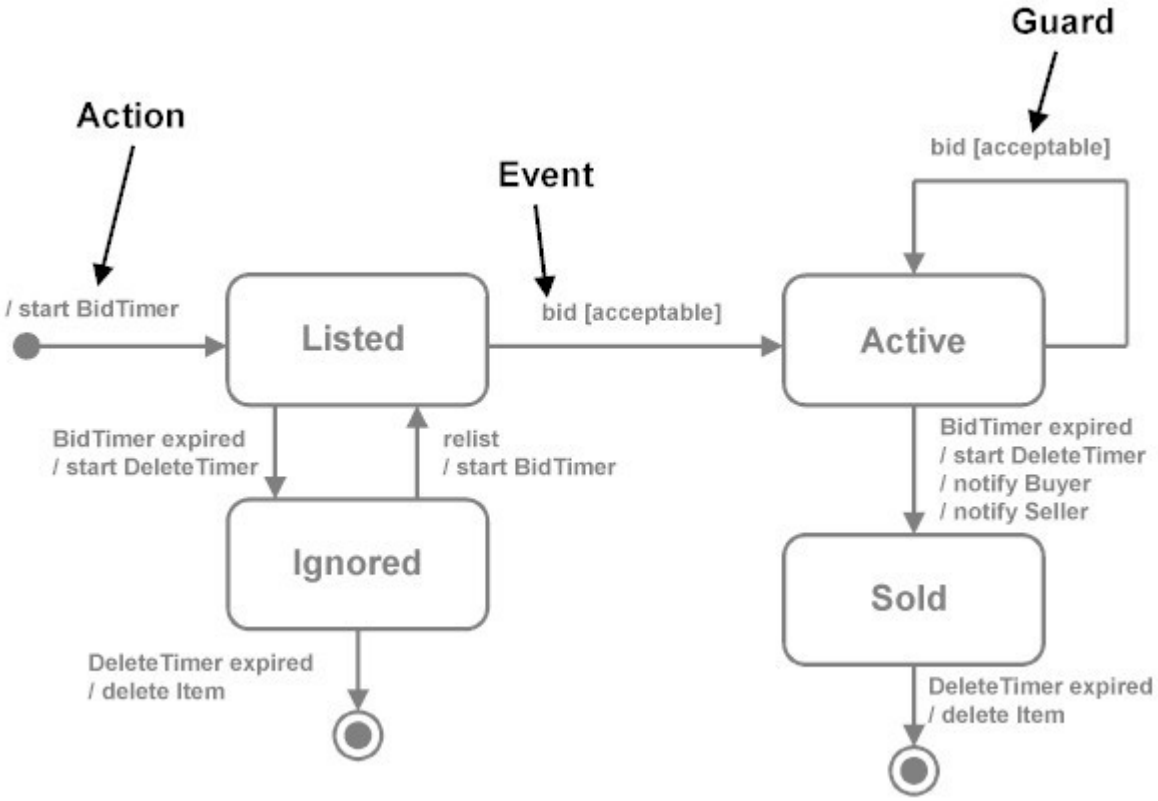
Event table:-

Event	Trigger	Source	Activity	Response	Destination
User login	Ask for form	User	User record	User selected	User
User registration	Ask for form	User	Create new user record	User registered	User

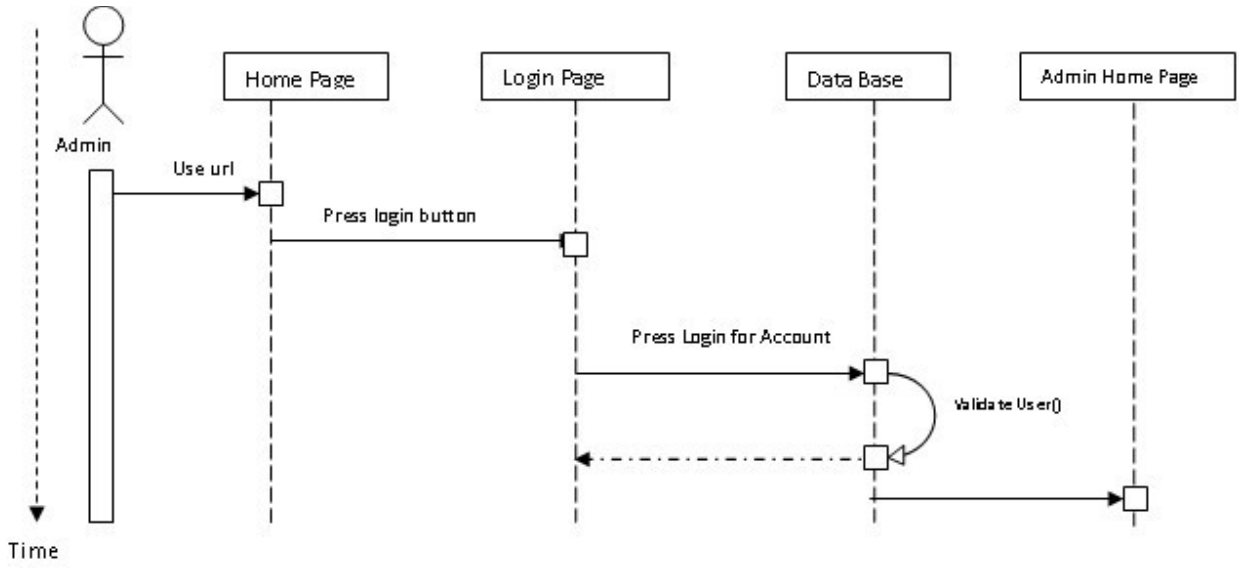
Entity relationship diagram:-



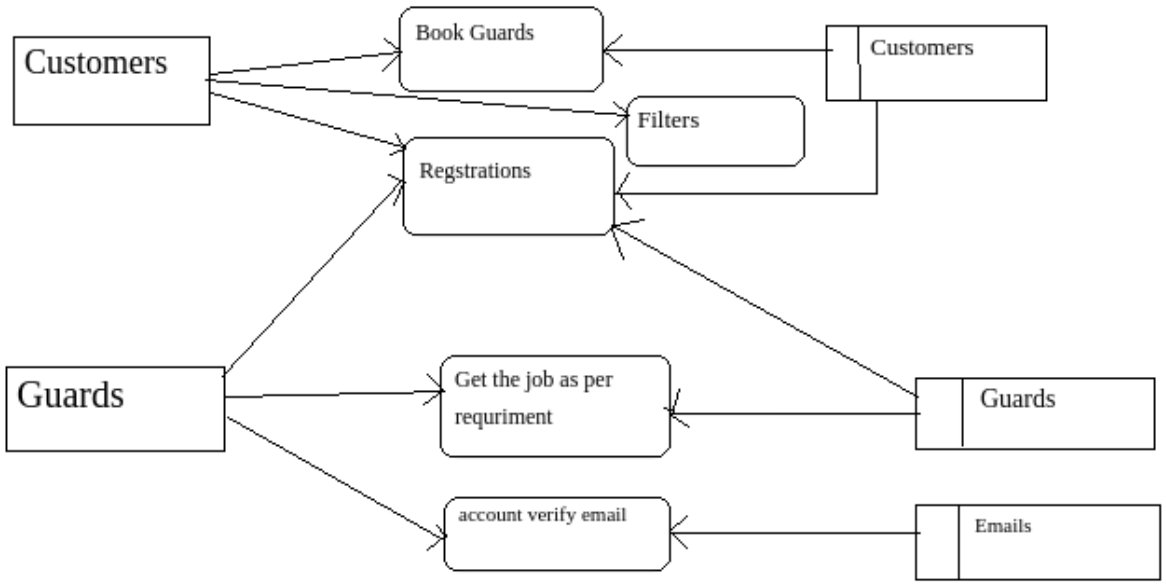
Activity diagram:-



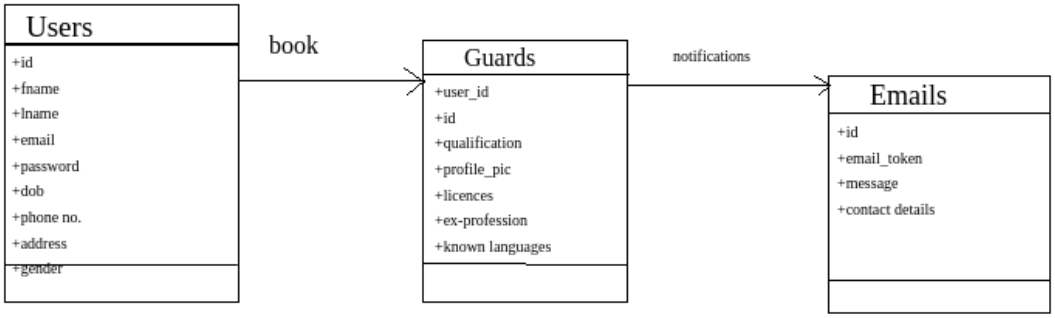
Sequence diagram:-



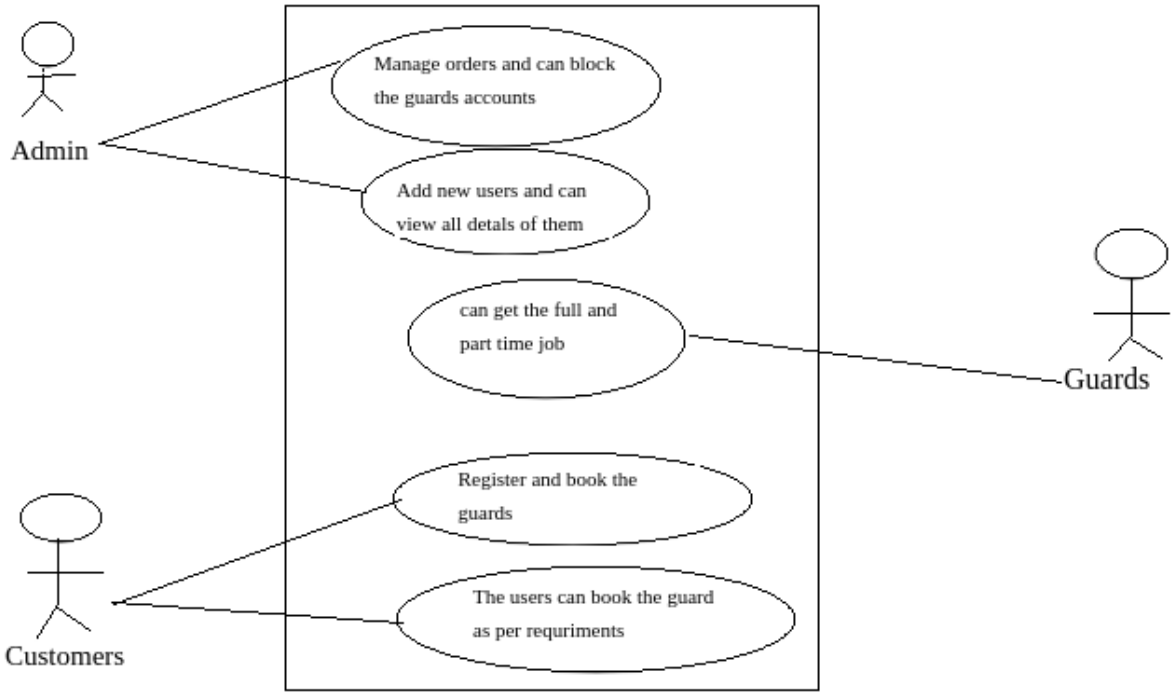
Data flow diagram:-



Class diagram:-



Use Case Diagram:-



SOFTWARE ENGINEERING

SOFTWARE ENGINEERING

Software engineering is a field of engineering, for designing and writing programs for computers or other electronic devices. A software engineer, or programmer, writes software (or changes existing software) and compiles software using methods that make it better quality.

Software engineering is an engineering branch associated with development of software product using well-defined scientific principles, methods and procedures. The outcome of software engineering is an efficient and reliable software product.

Software project management has wider scope than software engineering process as it involves communication, pre and post delivery support etc.

SOFTWARE & HARDWARE REQUIREMENT

SOFTWARE & HARDWARE REQUIREMENT

- Language- php
- Fremwork- Laravel 5.6
- Software & Hardware requirement:-
- Software requirement is must required in the development of projects such as services, client, tool, services, architecture.
- Server:- Server is must required for this project. Operating System 2000+, database MySQL.
- Architecture:- This point includes the client and server.

CODING

CODING

```
<?php


namespace App\Http\Controllers;


use Mail;

use Auth;

use Session;

use App\User;

use App\GuardProfile;

use App\PreferedLocation;

use App\Mail\verifyEmail;

use Illuminate\Support\Str;

use Illuminate\Http\Request;

use

Illuminate\Foundation\Auth\Registe

rsUsers;
```

```
class SignupAuthController extends
Controller
{
   public function __construct(User
$user, GuardProfile $guardProfile,
PreferedLocation
$preferedLocation)
    {
      $this->user            = $user;
      $this->guardProfile     =
$guardProfile;
      $this->preferedLocation =
$preferedLocation;
    }

   public function
validation($request)
   {
      return $this-
>validate($request,[
                'fname'     => 'required|
max:225',
```

```
            'lname'     => 'required|
max:225',
            'username'  =>
'required|unique:users|max:225',
            'email'     => 'required|
email|unique:users|max:225',
            'password'  =>
'required|confirmed|min:6',
            'date'      => 'required|
date|max:225',
            'phone'     => 'required|
max:10',
            'gender'    => 'required|
max:225',
            'location'  => 'required|
max:225',
        ]);
    }


    // $data = $query->get();
    // dd($data);
```

```
    public function
showSignupForm()
    {
        return view('signup');
    }

     public function selectSignup()
    {
       return view('signupSelection');
    }

     public function guardSignup()
    {
       return view('guardSignup');
    }

    public function
registerUser(Request $request)
    {
        $password      =$request-
>input('password');
```

```
        $jobType       =$request-
>input('jobType');
        $exProfession   =$request-
>input('exProfession');
        $qualification  =$request-
>input('qualification');
        $language      =$request-
>input('language');
        $verifyToken
=str::random(40);
        $loc1          =$request-
>input('loc1');
        $loc2          =$request-
>input('loc2');
        $loc3          =$request-
>input('loc3');
        $loc4          =$request-
>input('loc4');



        $user=$this->user
        ->create([
```

```
            'fname'        =>   $request-
>has('fname')     ? $request-
>fname :     '',
            'lname'        =>   $request-
>has('lname')     ? $request-
>lname :     '',
            'username'     =>
$request->has('username')  ?
$request->username :  '',
            'email'        =>   $request-
>has('email')     ? $request->email :
'',
            'password'     =>
bcrypt($password),
            'date'         =>   $request-
>has('date')      ? $request->date :
'',
            'phone'        =>   $request-
>has('phone')     ? $request-
>phone :     '',
```

```
            'gender'       =>   $request-
>has('gender')    ? $request->gender
:    '',
            'location'     =>   $request-
>has('location')  ? $request-
>location :  '',
            'verifyToken'   =>
$verifyToken,
          ]);


          if ($request->file('licence')!
== null)
          {
                $doc = $request-
>licence;//User::Input('file');

                $docName  = $doc-
>getClientOriginalName();

                $docPath  =
url('uploads/document/'.
$docName);
```

```
$destinationPath='uploads/docume
nt/';


                if ($doc-
>move($destinationPath,
$docName)); {



$request['image_path']=$docPath;
                    }


        }
        if ($request->file('image')!==
null)
         {
                $file = $request-
>image;


                $imageName  = $file-
>getClientOriginalName();
```

```
                $imagePath  =
url('uploads/user/'.$imageName);



$destinationPath='uploads/user/';

                if ($file-
>move($destinationPath,
$imageName)); {



$request['image_path']=$imagePath
;
                    }



        $guard=$this->guardProfile
        ->create([
            'user_id'       =>   $user-
>id,
```

```
            'jobType'       =>
$jobType,
            'exProfession'   =>
$exProfession,
            'qualification'  =>
$qualification,
            'language'      =>
$language,
            'image'         =>
$imagePath,
            'licence'       =>
$docPath,
        ]);



        $loc=$this-
>preferedLocation
        ->create([
            'user_id'   =>   $user->id,
            'loc1'      =>   $loc1,
            'loc2'      =>   $loc2,
            'loc3'      =>   $loc3,
```

```
            'loc4'      =>   $loc4,
        ]);


$thisUser=User::findOrFail($user-
>id);
        $this->sendEmail($thisUser);
        if($user)
        {
          User::where(['id'=>$guard-
>user_id])-
>update(['userType'=>1]);
           return
redirect(route('customerLogin'));
        }
      }



$thisUser=User::findOrFail($user-
>id);
        $this->sendEmail($thisUser);
        return
redirect(route('customerLogin'));
```

```
}


    public function index()
    {
        // $data=\DB::table('users')
        // ->where('userType', 1)-
>get();
        // if (count($data)>0)
        //    {
        //        return view('home',[
        //        'data' => $data
        //        ]);
        //    }
           $data = $this->user
           ->where('userType', 1)-
>get();
           if (count($data)>0)
           {
           return view('home', [
                 'data'  =>$data
```

```
            ]);
        }
    }


    public function
showLoginForm()

    {
        return view('login');
    }


    public function login(Request
$request)
    {

        $this->validate($request,[
                                'email'
=> 'required|email|max:225',
```

```
'password'      => 'required|
max:225',
                        ]);

                        if
(Auth::attempt(['email'=>$request-
>email,'password'=>$request-
>password]))
                        {

                                $user=
User::where(['email'=>$request-
>email])->first();
                if($user->is_admin())
                    {
                        return
redirect(route('guardHome'));
                    }
                                }
                return
redirect(route('home'));
```

```
    }



    public function verifyEmailFirst()
    {
        return
view('email.verifyEmailFirst');
    }

    public function
sendEmail($thisUser)
    {
        Mail::to($thisUser['email'])-
>send(new verifyEmail($thisUser));
    }

    public function
sendEmailDone($email,
$verifyToken )
    {
```

```
$emailValid=User::where(['email'=
>$email,'verifyToken'=>$verifyTok
en])->first();
        if ($emailValid)
        {

User::where(['email'=>$email,'verif
yToken'=>$verifyToken])-
>update(['status'=>1,'verifyToken'=
>NUll]);

            return
redirect(route('customerLogin'));
        }
        else
        {

         return 'user not found';
        }
    }
```

```
}
```

```
<!DOCTYPE html>
<html lang="{{ app()->getLocale() }}">
<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <!-- CSRF Token -->
    <meta name="csrf-token" content="{{ csrf_token() }}">

    <title>{{ config('SecurityExpert', 'SecurityExpert') }}</title>

    <!-- Scripts -->
    <script src="{{ asset('js/app.js') }}" defer></script>
    <script src="{{ asset('js/bookGuard.js') }}" defer></script>
     <script src="{{ asset('js/customerRegstration.js') }}" defer></script>

   <!-- Fonts -->
    <link rel="dns-prefetch" href="https://fonts.gstatic.com">
    <link href="https://fonts.googleapis.com/css?family=Raleway:300,400,600"
rel="stylesheet" type="text/css">
```

```
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">


    <!-- jquery -->

    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>


    <!-- bootstrap -->

        <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.0/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-9gVQ4dYFwwWSjIDZnLEWnxCjeSWFphJiwGPXr1jddIhOegiu1FwO5qRGvFXOdJZ4" crossorigin="anonymous">

       <!--  <link href="{{ asset('css/bootstrap.min.css') }}" rel="stylesheet"> -->

        <link href="{{ asset('css/app.css') }}" rel="stylesheet">

        <link href="{{ asset('css/index.css')}}" rel="stylesheet">

        <link href="{{ asset('css/login.css') }}" rel="stylesheet">

        <link href="{{ asset('css/signup.css') }}" rel="stylesheet">

        <link href="{{ asset('css/signupSelection.css') }}" rel="stylesheet">

        <link href="{{ asset('css/dashboard.css') }}" rel="stylesheet">


</head>

<body>

    <section class="boder-top">

            <div class="container-fluid">

                <div class="row">
```

```
                <div class="col-lg-6 col-md-6 col-sm-6 col-xs-6  nopadding">
                    <div class="black-boder">j</div>
                        <div class="triangle-bottomleft"></div>
                    </div>

                 <div class="col-lg-6 col-md-6 col-sm-6 col-xs-6  nopadding">
                    <div class="blue-boder"></div>
                        <div class="triangle-bottomright"></div>
                    </div>
            </div>
        </div>
</section>
<header>
    <div class="container">
            <div class="row">
                <div class="col-md-9">
                    <img src="images/logo.png" class="img-responsive" id="logo">
                </div>
                <div class="col-md-3 ">
                    <nav>
                    @if (Route::has('login'))
                        <ul>
                        @if(Auth::check())
```


{{ Auth::user()->fname }}

<a class="dropdown-item" href="{{ route('logout') }}"

onclick="event.preventDefault();

document.getElementById('logout-form').submit();">

{{ __('Logout') }}

<form id="logout-form" action="{{ route('logout') }}" method="POST" style="display: none;">

@csrf

</form>

@else

Sign Up

Log In

Back

```
                    @endif
                    </ul>
                    @endif
                </nav>
                </div>
            </div>
        </div>
</header>
@if (Route::has('login'))
<section class="filter-bar">
@if(Auth::check())
    <div class="container gutter">
        <div class="row gutter">
        <div class="col-md-2 gutter">
        <div class="menu-bar">
        <nav>
          <script>
          $(document).ready(function(){
            $(".menu").hide();
              });
          $(document).ready(function(){
             $(".button").click(function(){
                $(".menu").toggle(
                 "slow");
```

```
            });
        });
        </script>
        <button class="button"><i class="fa fa-bars"></i></button>
        <ul class="menu">
        <li><a href="#">Notifications</a></li>
        <li><a href="#">Contacted Guard</a></li>
        <li>
        <a href="{{ route('getWishlist') }}">Wishlist
              <!-- <i class="fa fa-heart"></i> -->
               <span class="badge badge-pill badge-
light">{{ Session::has('wishlist') ? Session::get('wishlist')->totalQty : '' }}</span>
            </a>
        </li>
        </ul>
        </nav>
      </div>
    </div>
    @endif
     @endif
          <div class="col-md-8 gutter">
            <div class="tabs">
              <h2>Filter:-</h2>
              <select class="loccation" name="location">
```

```
    <option>Select Location</option>


    <option></option>

    <option></option>
    <option></option>
    <option></option>
</select>
<select class="Type">
    <option>Select Job Type</option>
    <option>Full Time</option>
    <option>Part Time</option>
    <option>Events</option>
</select>
<select class="Time">
    <option>Select Time</option>
    <option>Morning</option>
    <option>Evening</option>
    <option>Night</option>
</select>
<select class="price">
    <option>Price</option>
    <option>$100</option>
```

```
                    <option>$200</option>
                    <option>$300</option>
                    <option>$150</option>
                </select>
            </div>
        </div>
        <div class="col-md-2 gutter">
            <div class="tabs">
                <a href="{{route('home')}}" id="newsfeed">Find me a Gaurd</a>
            </div>
        </div>
    </div>
</div>

</section>

<main class="py-4">
    <div class="container">
    @yield('content')
    </div>
</main>
<footer>
    <div class="container ">
    <div class="row">
```

```
<div class="col-md-12">
  <h3>Any Suggestions?</h3>
</div>
<div class="col-md-4">
  <div class="visitus">
    <div class="icons">
    <a href="maps.google.co.in" class="mail"><i class="fa fa-map-marker"></i></a>
    <h4>Visit Us</h4>
    </div>
    <p>GSG protective Service is a full service</p>
    <p>provide of premium security service. In order</p>
    <p>to provide our customer with excellent service</p>
    <p>GSG Protective Service id divided into six</p>
    <p>divisions which include</p>
  </div>
</div>
<div class="col-md-4">
  <div class="mailus">
    <div class="icons">
    <a href="yourhestaexpert@gmail.com" class="mail"><i class="fa fa-envelope"></i></a>
    <h4>Mail Us</h4>
    </div>
```

```
                <p>yourhestaexpert@gmail.com</p>
              </div>
            </div>
            <div class="col-md-4">
              <div class="contactus">
                <div class="icons">
                <a href="#" class="mail"><i class="fa fa-phone"></i></a>
                <h4>Contact Us</h4>
                </div>
                <p>120-3456789</p>
              </div>
            </div>
          </div>
          </div>
        </footer>
</body>
</html>
<script
  src="https://code.jquery.com/jquery-2.2.4.min.js"
  integrity="sha256-BbhdlvQf/xTY9gja0Dq3HiwQF8LaCRTXxZKRutelT44="
  crossorigin="anonymous"></script>
  <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.0/js/bootstrap.min.js"
integrity="sha384-
uefMccjFJAIv6A+rW+L4AHf99KvxDjWSu1z9VI8SKNVmz4sk7buKt/6v9KI65qnm" crossorigin="anonymous"></script>
```

```
</body>
</html>


@extends('layouts.headerFooter')
@section('content')
                <section id="sign_section" >


        <div class="panel panel-primary mypanel">



            <div class="panel-heading heading">
                <h1>Guard registration page</h1>
            </div>
            <div class="panel-body signpanel">
                @if(count($errors)>0)
                @foreach($errors->all() as $error)
                    <p class="alert alert-danger">{{$error}}</p>
                @endforeach
            @endif
            <form action="{{route('customerRegister')}}" method="post"
enctype="multipart/form-data">
            @csrf
            {{csrf_field()}}
                <div class="form-group col-md-12">
```

```
                    <input type="text" autocomplete="off" name="fname" id="first"
value="{{old('fname')}}"  class="form-control" placeholder="Enter first name">

                        <div id="firstname"></div>

                    </div>

                    <div class="form-group col-md-12">

                        <input type="text" autocomplete="off" name="lname" id="last"
value="{{old('lname')}}" class="form-control" placeholder="Enter last name">

                        <div id="lastname"></div>

                    </div>

                <div class="form-group col-md-12">

                        <input title="suggestion" autocomplete="off" type="text"
value="{{old('username')}}" name="username" id="username" class="form-
control" placeholder="Enter username">

                        </div>


                    <div class="form-group col-md-12 >

                        <div class="input-group">

                        <input title="suggestion" autocomplete="off" type="text"
value="{{old('email')}}" name="email" id="email" class="form-control"
placeholder="Enter email">

                        </div>




                <div class="form-group col-md-12">
```

```
                <div >
                <input type="password" autocomplete="off" name="password"
id="pas" class="form-control" placeholder="Enter password">
                    <div id="pasdiv"></div>
                </div>
            </div>

            <div class="form-group col-md-12">
                <div >
                <input type="password" autocomplete="off" id="cpas"
name="password_confirmation" class="form-control" placeholder="confirm
password">
                    <div id="confirmdiv"></div>
                </div>
            </div>
            <div class="form-group col-md-12">
                <div >
                <input type="date" class="form-control" id="dob" name="date" >
                </div>
            </div>

            <div class="form-group col-md-12">
                    <div class="input-group">
                        <div class="input-group-addon">+91</div>
```

```
                    <input type="text" autocomplete="off" class="form-control"
id="phone" name="phone" placeholder="Enter phone number" >


                </div>
                <div id="phonediv"></div>


            </div>
            <div class="form-group col-md-12">
               <div >
                  <select name="gender" id="gender" class="form-control">
                     <option>Gender</option>
                     <option value="Male">Male</option>
                     <option value="Female">Femele</option>
                     <option value="Other">Other</option>
                  </select>
               </div>
            </div>


            <div class="form-group col-md-12">
               <div >
                  <select name="location" id="location" class="form-control">
                     <option value="select State">select state</option>
                     <option value="Delhi">Delhi</option>
                     <option value="Haryana">Haryana</option>
```

```
                    <option value="Uttar pradesh">Uttar pradesh</option>
                    <option value="Rajsthan">Rajsthan</option>
                    <option value="Gujrat">Gujrat</option>
                    <option value="Tamilnadu">Tamilnadu</option>
                    <option value="keral">keral</option>
                  </select>
                </div>
              </div>
              <div class="form-group">
              <label class="col-md-12 control-label">Prefered locations:</label>
                <div class="col-md-3">
                <input type="text" autocomplete="off" name="loc1" id="loc1"
class="form-control loc" placeholder="location 1">
                </div>
                <div class="col-md-3 loc">
                  <input type="text" autocomplete="off" name="loc2" id="loc2"
class="form-control loc" placeholder="location 2">
                </div>
                <div class="col-md-3 loc">
                  <input type="text" autocomplete="off" name="loc3" id="loc3"
class="form-control" placeholder="location 3">
                </div>
                <div class="col-md-3 loc">
                  <input type="text" autocomplete="off" name="loc4" id="loc4"
class="form-control" placeholder="location 4">
```

```
            </div>
        </div>
        <div class="form-group col-md-12">
            <div >
                <select name="jobType" id="jobType" class="form-control">
                    <option>Job Type</option>
                    <option value="Full Time">Full Time</option>
                    <option value="Half Time">Half Time</option>
                    <option value="Event Based">Event Based</option>
                </select>
            </div>
        </div>
        <div class="form-group col-md-12">
            <div >
            <input type="text" autocomplete="off" name="exProfession"
id="profession" class="form-control" placeholder="Enter Ex-profession">
            </div>
        </div>
        <div class="form-group col-md-12">
            <div >
            <input type="text" autocomplete="off" name="qualification"
id="qualification" class="form-control" placeholder="Enter Higest qualification">
                <div id="quadiv"></div>
            </div>
```

```
            </div>
            <div class="form-group col-md-12">
                <div >
                <input type="text" autocomplete="off" name="language"
id="language" class="form-control" placeholder="Known languades">
                </div>
            </div>
             <div class="form-group col-md-12">

                <div class="col-md-6 gutter-left loc">
                <!-- <button id="attach"><span class="fa fa-file"></span>Upload
Security License</button> -->
                 Licence <input type="file" id="img" name="licence" >
             </div>

            <div class="col-md-6 gutter-right loc">
              <!--  <button id="attach"><span class="fa fa-file"></span> Upload
Photograph</button> -->
                Profile Pic<input type="file" id="img" name="image">
            </div>

            </div>
            <div class="form-group col-md-12 policy">
                <p><input type="checkbox" name="checkbox" value="policy"
required="required">I agree to the<a href="#"> terms and conditions</a></p>
```

```
                    <p>Already a user <a href="{{route('customerLogin')}}"
id="loginbtn">Login here</a> </p>

                </div>

                <div class="form-group ">


                    <button type="submit" id="sub" class="btn btn-primary btn-block"
name="submit">Register</button>

                </div>

            </form>

            </div>


        </div>

        <!--end of panel body-->


      <!--end of panel-->

   </section>

   @endsection


<?php


namespace App\Http\Controllers;


use App\User;

use App\GuardBook;

use App\GuardProfile;
```

```
use App\PreferedLocation;
use Illuminate\Http\Request;



class GuardBookedController extends Controller
{
   public function __construct( User $user, GuardProfile $guardProfile,
PreferedLocation $preferedLocation, GuardBook $guardBook)
    {
      $this->user            = $user;
      $this->guardProfile    = $guardProfile;
      $this->preferedLocation = $preferedLocation;
      $this->guardBook            = $guardBook;
    }

    public function index()
    {
      return view('home');
    }

    public function contact(Request $request)
    {
            // $contactId               =$request->input('contactId');
            $contactName             =$request->input('contactName');
```

```
  $contactLName             =$request->input('contactLName');
  $contactEmail             =$request->input('contactEmail');
  $contactPhone             =$request->input('contactPhone');
  $contactGender            =$request->input('contactGender');
  $contactExProfession      =$request->input('contactExProfession');
  $contactQualification     =$request->input('contactQualification');


$guardBook=$this->guardBook
->create([
   'gfname'       =>   $contactName,
   'glname'       =>   $contactLName,
   'email'        =>   $contactEmail,
   'phone'        =>   $contactPhone,
   'gender'       =>   $contactGender,
   'exProfession'  =>   $contactExProfession ,
   'qualification' =>   $contactQualification,
]);
if($guardBook)
{
      return 'booked successfully';
}
else
{
            return 'Opps!';
```

```
        }

                        }

}

<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreateUsersTable extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('users', function (Blueprint $table) {
            $table->increments('id');
            $table->boolean('userType')->default(0);
```

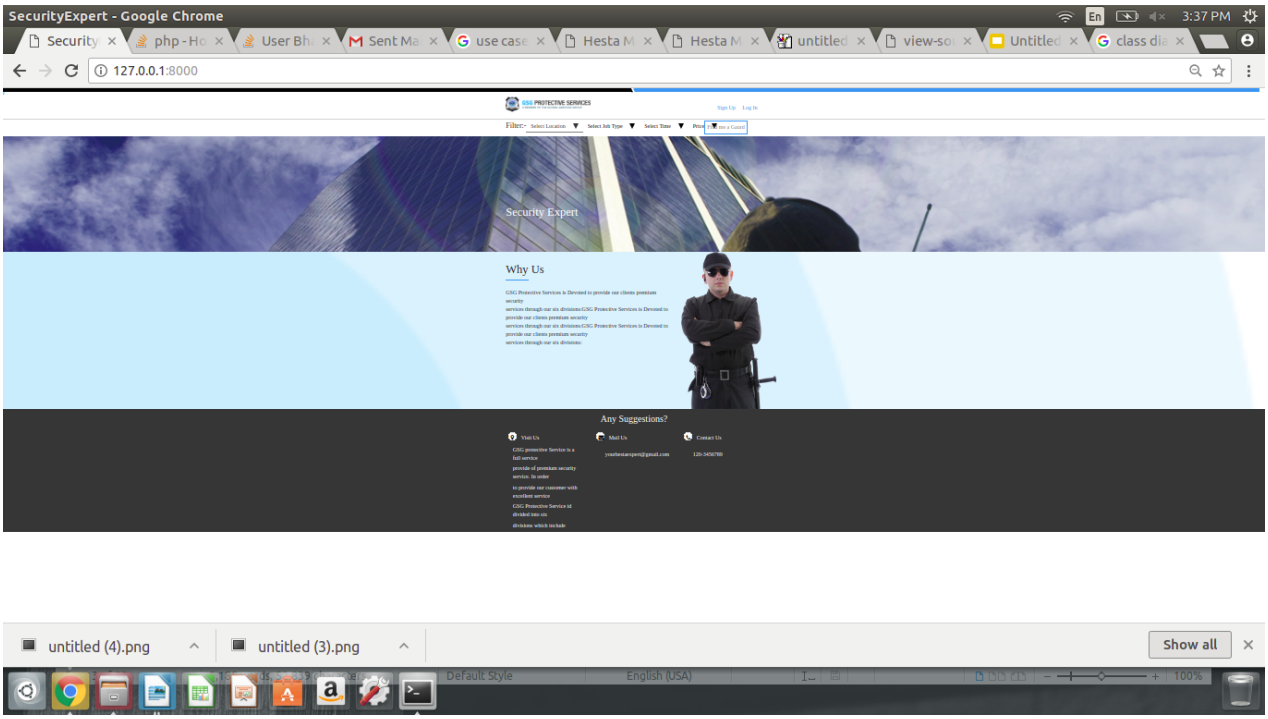
```
            $table->string('fname');
            $table->string('lname');
            $table->string('username')->unique();
            $table->string('email');
            $table->string('password');
            $table->date('date');
            $table->bigInteger('phone')->unsigned();
            $table->string('gender');
            $table->string('location');
            $table->string('verifyToken')->nullable();
            $table->tinyInteger('status')->default(0);
            $table->rememberToken();
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
        Schema::dropIfExists('users');
```

```
    }
}

<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreateGuardProfilesTable extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('guard_profiles', function (Blueprint $table) {
            $table->increments('id');
            $table->integer('user_id')->unsigned();
            $table->foreign('user_id')->references('id')->on('users')->onDelete('cascade')->onUpdate('cascade');
```

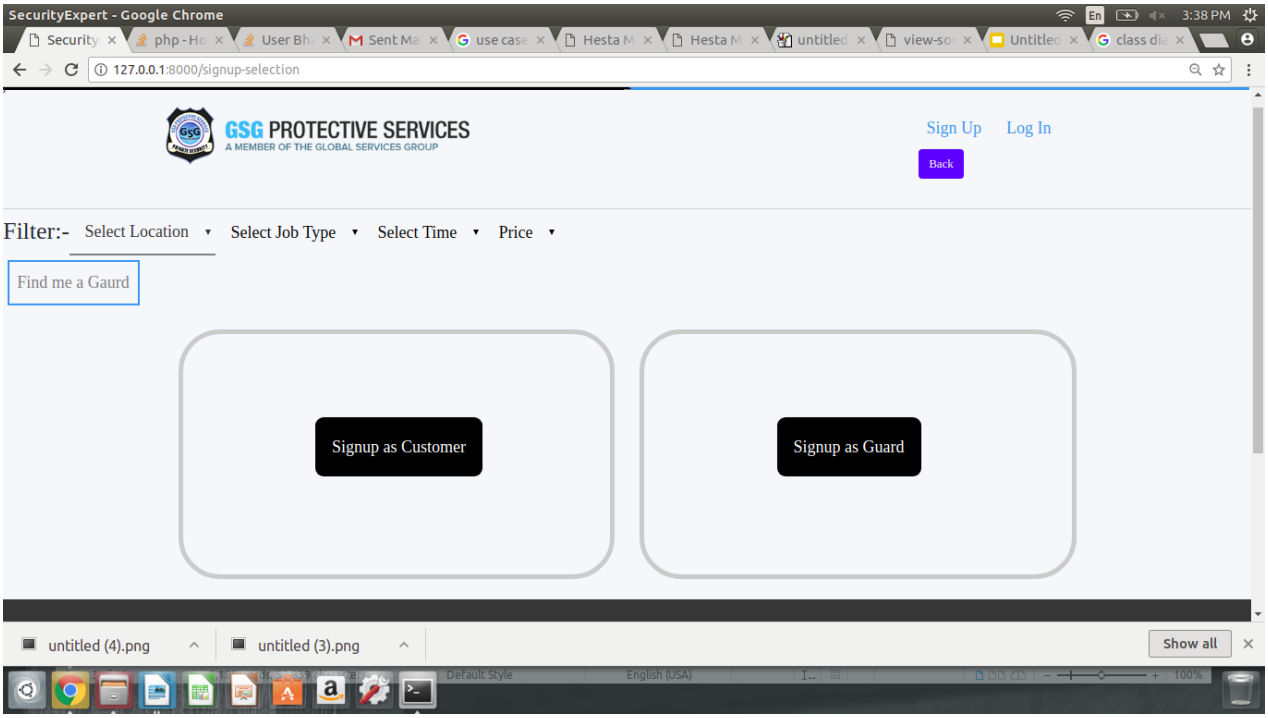
```
            $table->string('jobType');
            $table->string('exProfession');
            $table->string('qualification');
            $table->string('language');
             $table->string('image');
            $table->string('licence');
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
        Schema::dropIfExists('guard_profiles');
    }
}
```

Screen Shots

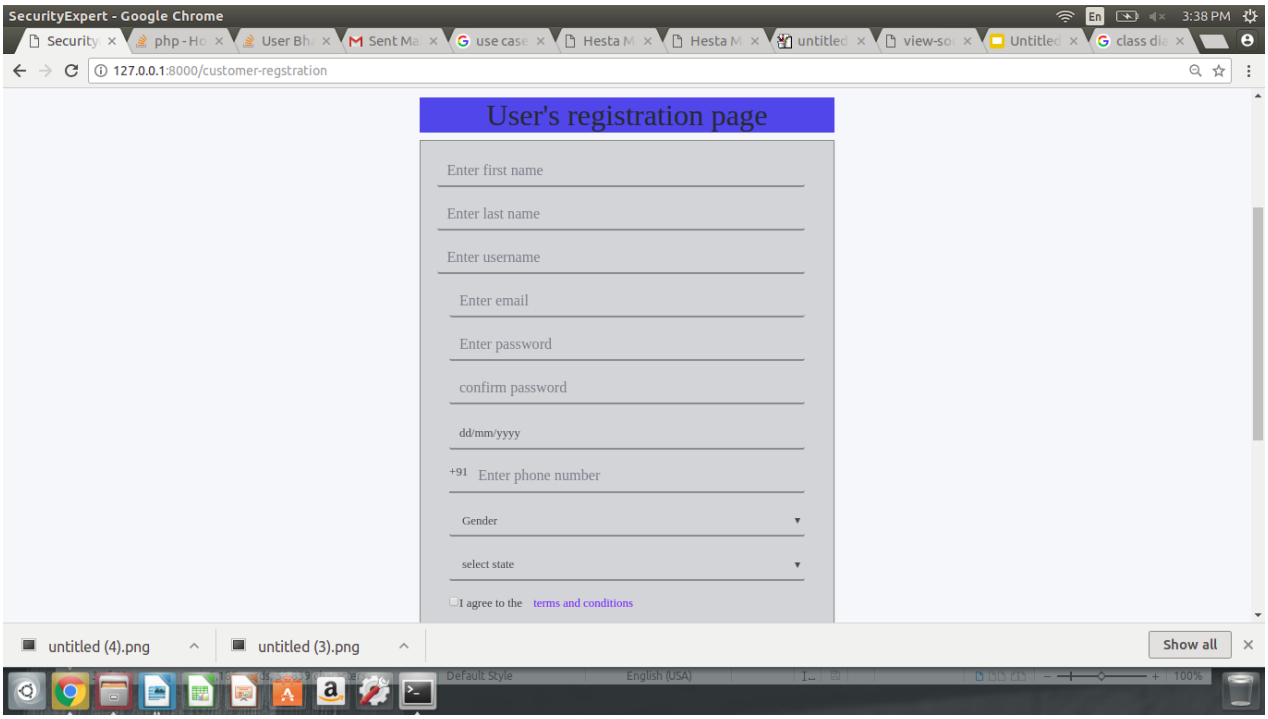
index page:-


SecurityExpert - Google Chrome
127.0.0.1:8000
Security Expert
Why Us
Any Suggestions?
untitled (4).png
untitled (3).png
Show all

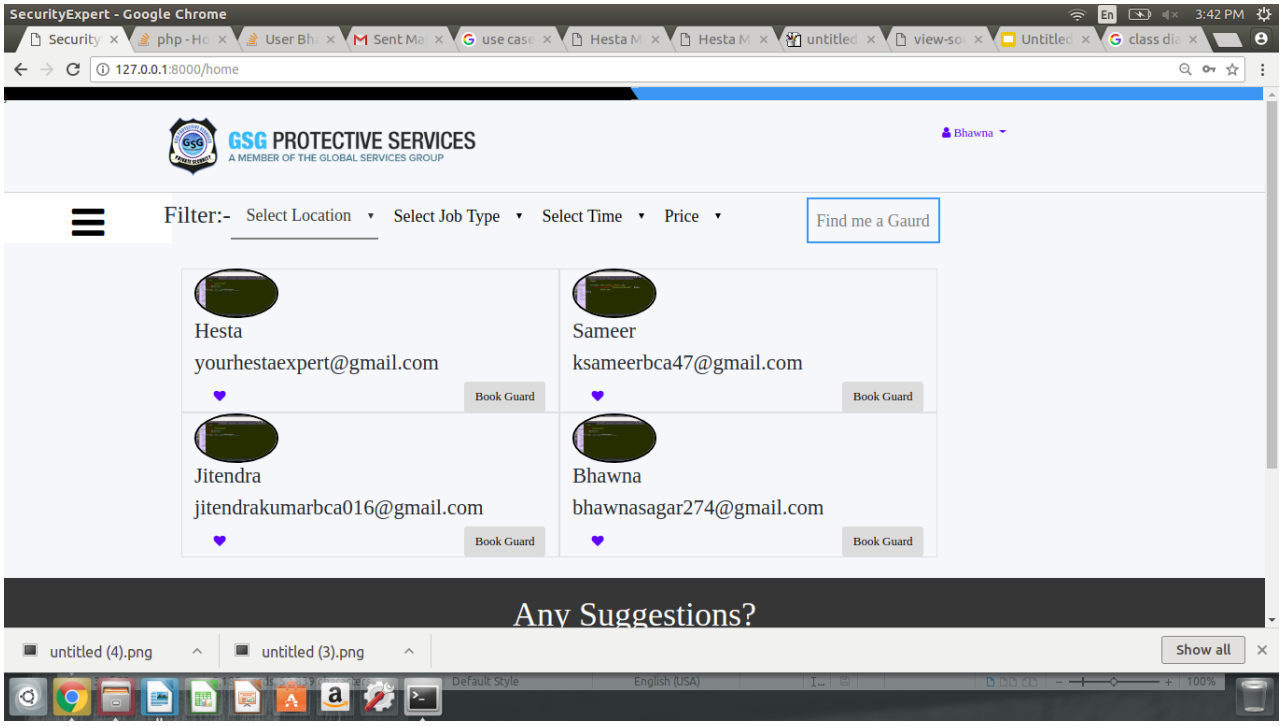
Signup Selection page:-



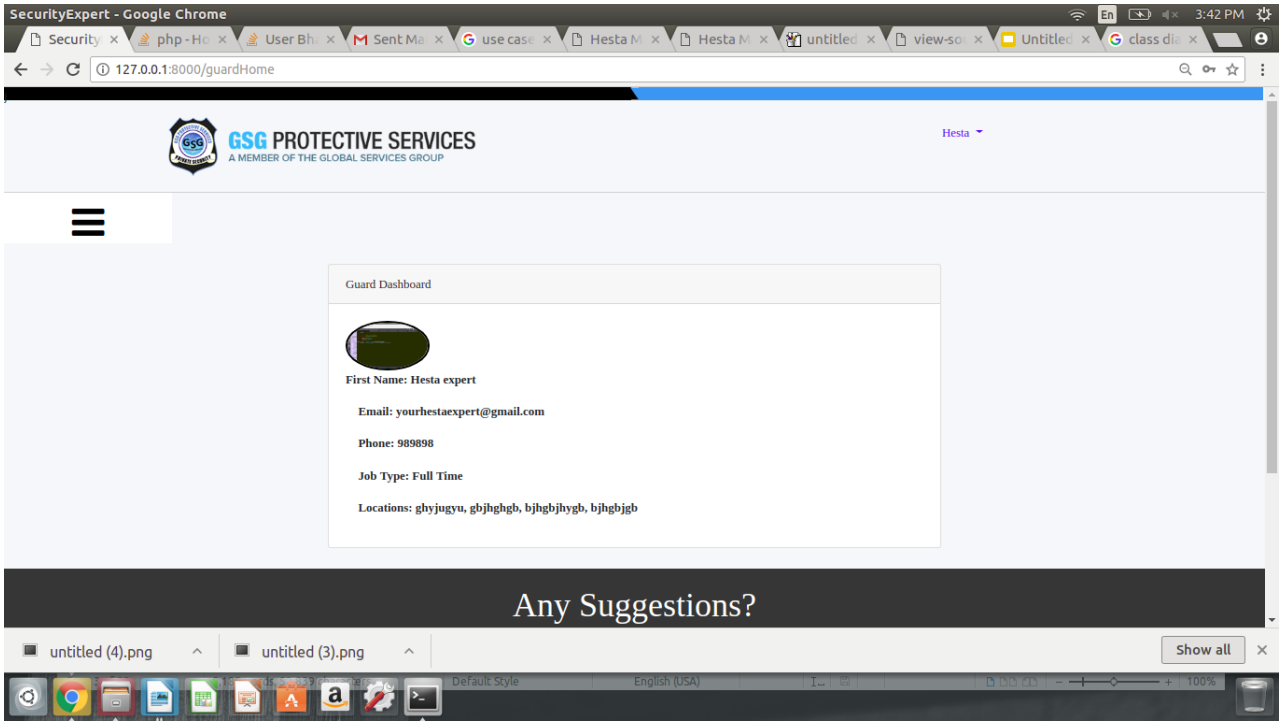
Regstration page:-



User Dashboard:-



Guard Dashboard page:-



VALIDATION CHECK

VALIDATION CHECK

Validation is an automatic computer check to ensure that the data entered is sensible and reasonable. It does not check the accuracy of data. For example, a secondary school student is likely to be aged between 11 and 16. The computer can be programmed only to accept numbers between 11 and 16.

There are four type of validation:-

- Data type validation
- Range and constraint validation
- Code and Cross-reference validation
- Structured validation

Data type validation:-

Data type validation is customarily carried out on one or more simple data fields.

The simplest kind of data type validation verifies that the individual characters provided through user input are consistent with the expected characters of one or more known primitive data types; as defined in a programming language or data storage and retrieval mechanism.

For example, many database systems allow the specification of the following primitive data types: 1) integer; 2) float (decimal); or 3) string.

Similarly, telephone numbers are routinely expected to include the digits and possibly the characters +, -, (, and) (plus, minus, and parentheses). A more sophisticated data validation routine would check to see the user had entered a valid country code, i.e., that the number of digits entered matched the convention for the country or area specified.

A validation process involves two distinct steps: (a) Validation Check and (b) Post-Check action. The check step uses one or more computational rules (see section below) to determine if the data is valid. The Post-validation action sends feedback to help enforce validation.

Simple range and constraint validation:-

Simple range and constraint validation may examine user input for consistency with a minimum/maximum range, or consistency with a test for evaluating a sequence of characters, such as one or more tests against regular expressions.

Code and cross-reference validation:-

Code and cross-reference validation includes tests for data type validation, combined with one or more operations to verify that the user-supplied data is consistent with one or more external rules, requirements, or validity constraints relevant to a particular organization, context or set of underlying assumptions. These additional validity constraints may involve cross-referencing supplied data with a known look-up table or directory information service such as LDAP.

For example, a experienced user may enter a well-formed string that matches the specification for a valid e-mail address, as defined in RFC 5322 but that well-formed string might not actually correspond to a resolvable domain connected to an active e-mail account.

Structured validation:-

Structured validation allows for the combination of any of various basic data type validation steps, along with more complex processing. Such complex processing may include the testing of conditional constraints for an entire complex data object or set of process operations within a system.

IMPLEMENTATION & MAINTAINANCE

IMPLEMENTATION & MAINTAINANCE

Implementation is the stage of the project where the theoretical is turned into the working system. The implementation state is a system project in its own right.

It involves careful planning, investigation of the current system and its constraints on implementation, design of methods to achieve the changeover, training of staff in the changeover procedure and evaluation of change over methods.

Once the planning has been completed, the major efforts are to ensure that the program in the system is working properly.

At the same time concentrate only on training user staff. When the staff has been trained a full system can carried out.

The various activities involved while implementing a project:-

- End user education and training
- Training on application software.
- System testing
- Parallel run and change over to new system.
- Post implementation review.

The primary application of messenger is to communicate with people.

- A messenger is useful in following ways for communication:- The user can communicate with many people simultaneously.
- User can transfer files to others.
- Files can also be shared between two or more users.

TESTING

TESTING

Testing is an investigation conducted to provide stakeholders with information about the quality of the product or service under test. Software testing can also provide an objective, independent view of the software to allow the business to appreciate and understand the risks of software implementation. Test techniques include the process of executing a program or application with the intent of finding software bugs (errors or other defects), and verifying that the software product is fit for use.

Software testing involves the execution of a software component or system component to evaluate one or more properties of interest. In general, these properties indicate the extent to which the component or system under test:

- meets the requirements that guided its design and development,
- responds correctly to all kinds of inputs,
- performs its functions within an acceptable time,
- is sufficiently usable,
- can be installed and run in its intended environments, and achieves the general result its stakeholders desire.

Testing techniques:-

Black box testing:-

A software testing method in which the internal structure/design/implementation of the item being tested is not known to the tester. These tests can be functional or non-functional, though usually functional. Test design techniques include: Equivalence partitioning, Boundary Value Analysis, Cause Effect Graphing.

White box testing:-

A software testing method in which the internal structure/design/implementation of the item being tested is known to the tester. Test design techniques include: control flow testing, data flow testing, branch testing, path testing.

Gray box testing:-

A software testing method which is a combination of black box testing method and white box testing method. **Agile testing:-**

A method of software testing that follows the principles of agile software development.

Ad hoc testing:-

A method of software testing without any planning and documentation.

Testing strategies:-

A test strategy is an outline that describes the testing approach of the software development cycle. It is created to inform project managers, testers, and developers about some key issues of the testing process. This includes the testing objective, methods of testing new functions, total time and resources required for the project, and the testing environment.

Test strategies describe how the product risks of the stakeholders are mitigated at the test-level, which types of testing are to be performed, and which entry and exit criteria apply. They are created based on development design documents. System design documents are primarily used and occasionally, conceptual design documents may be referred to. Design documents describe the functionality of the software to be enabled in the upcoming release. For every stage of development design, a corresponding test strategy should be created to test the new feature sets

SYSTEM SECUORITY MEASURES

SYSTEM SECUORITY MEASURES

Basic System Security Measures. The Basic System Security Measures apply to all systems at, regardless of the level of their System Classification. It is a baseline, which all systems must meet. Note that for most personal workstations, these are the only Measures that apply

The Basic System Security Measures apply to all systems at NYU, regardless of the level of their System Classification. It is a baseline, which all systems must meet. Note that for most personal workstations, these are the only Measures that apply. The requirements are:

Password protection: All accounts and resources must be protected by passwords which meet the following requirements, which must be automatically enforced by the system:

a. Must be at least eight characters long
b.Must NOT be dictionary or common slang words in any language, or be readily guessable
c. Must include at least three of the following four characteristics in any order:upper case letters, lower case letters, numbers, and special characters, such as*!@#$%^&*.
d.Must be changed at least once per year.

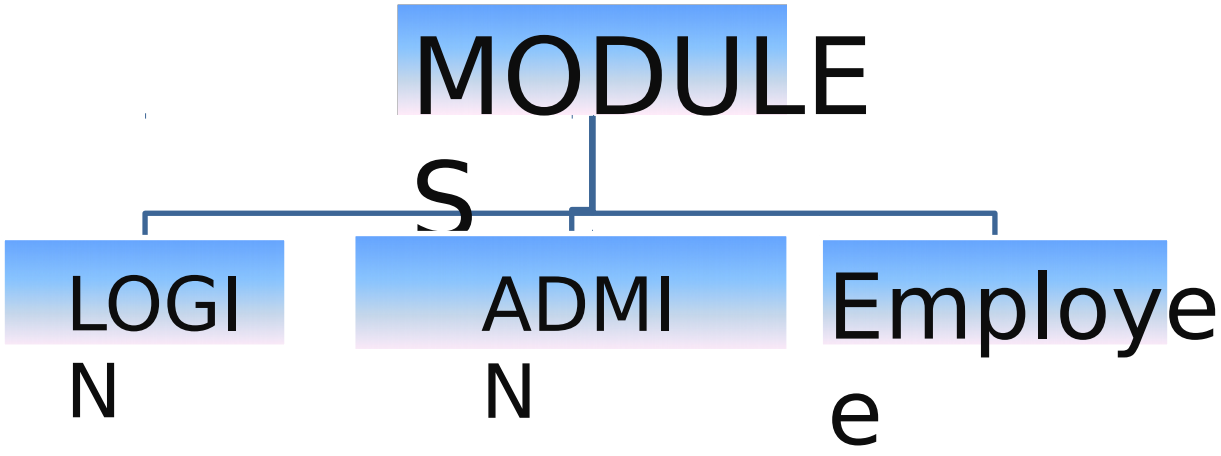
Software updates: Systems must be configured to automatically update operating system software, server applications (webserver, mailserver, database server, etc), client software (webbrowsers, mail-clients, office suites, etc), and malware protection software (anti-virus, antispyware, etc). For Medium or High Availability systems, a plan to manually apply new updates within a documented time period is an acceptable alternative.

Firewall: Systems must be protected by a firewall which allows only those incoming connections necessary to fulfill the business need of that system. Client systems which have no business need to provide network services must deny all incoming connections. Systems that provide network services must limit access those services to the smallest reasonably manageable group of hosts that need to reach them.

Malware protection: Systems running Microsoft or Apple operating systems must have anti-virus software installed and it must be configured to automatically scan and update.

MODULE

MODULE



This is a set of part on the basis of which the particular project is divided.

- **Administrator:-**

This concept includes the records and details of the

- Employee of that particular Pharmacy such as Employee information or data.
- Number of Medicine, Doctor, Employees and Path, hall and their infrastructure.

- **Users:-**

This concept include the information about user sections. Academic section include such as time table of a particular class.

- **Guards:-**

This type of concept include the details about guards. such as the data about their departments, qualifications etc.

FUTURE ASPECT

FUTURE ASPECT

- Detailed information gathering has to be done. Without that the purpose for using the software won't be satisfied properly.
- However it can give good profits in the long run.
- Implementing the software requires change in the business practices.
- Efficient organization of all knowledge is the analysis company and easy analysis access and retrieval of information is possible.
- In this project we can also include BAR CODE facility using the bar code reader, which will detect the expiry date and the other information about the related medicines.
- Company using this software will always be able to plan in future and always be aware of their financial position in the market.
- It leads to streaming of business processes.
- The implementation and maintence costs run very high (about 2 to 3 % of the company's revenue.

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BIBLIOGRAPHY

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