LOST PHONE DATABASE

A

MINOR PROJECT REPORT

Submitted for partial fulfilment of the requirement for the award of degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

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SESSION 2017-18

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CERTIFICATE

This is to certify that **Megha Sahu, Neeraj Chouhan, Ranu Bharadwaj, Arti Gurjar** of B.E. Third Year, Computer Science & Engineering have completed their Minor Project entitled "**Lost Phone Database**" during the year 2017-2018 under our guidance and supervision.

We approve the project for the submission for the partial fulfillment of the requirement for the award of degree of B.E. in Computer Science & Engineering.

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DECLARATION BY THE CANDIDATE

We hereby declare that the work which is being presented in this Minor Project entitled. "**LOST PHONE DATABASE**" Submitted to University Institute of Technology ,RGPV in the partial fulfillment of the requirements for the award of the degree of BACHELOR OF ENGINEERING in COMPUTER SCIENCE AND ENGINEERING.

The work has carried out at University Institute of Technology, RGPV Bhopal is an authentic record of our work under the supervision of **Prof. Raju Baraskar and Prof. Smita Sharma** Department of Computer Science and Engineering, UIT-RGPV , Bhopal.

The matter of this project has not been Submitted by us for the award of any other degree or Professional diploma.

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ACKNOWLEDGEMENT

We are thankful to all individuals who have lent us support and guidance without which we could not have completed our project in the stipulated period of time.

First and foremost we would like to express our deepest gratitude to our project supervisor **Prof. Raju Baraskar** and **Prof. Smita Sharma** for the invaluable support, guidance, motivation and encouragement throughout the period .It was there enthusiastic and progressive outlook towards the project which inspired us throughout the work during this period.

We are also thankful to all other members and Staff of the department who were involved in the project either directly or indirectly for their valuable cooperation.

Last but not the least we would like to extend our thanks to our fellow students for their friendly cooperation.

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ABSTRACT

The project titled "**Lost Phone Database**" is designed using HTML ,CSS as front end and Apache server and MySQL as back end which works in XAMPP Control Panel v.3.2.1 . The coding language used is HTML ,CSS and php.

The aim of this project is to provide centralized database for storing information regarding all the lost mobile phones (including their IMEI number), this information will be accessible to all the registered mobile service center, whenever a new mobile handset is received at a service center they will first check the status of that phone on the database. The information of the phone will be accessed using IMEI number of your handset, which is unique for all the phones. If the IMEI number matches a entry in the database the service provider should contact law officials, otherwise if it didn't match with any registered field then service provider should proceed as per their conditions. IMEI numbers have one principal purpose: to identify mobile devices. Their secondary purpose, or intention, is to prevent theft. If a mobile device can be universally Since IMEI numbers are hard-coded into device hardware, making it nearly impossible to change them without somehow damaging the device. Learn IMEI of your phone by typing on the keyboard shortcut * # 06 #. In this case, the display shows a 15-digit number that you want to remember or write down. Also, IMEI listed on the box below the bar code and under the battery on your phone.

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INTRODUCTION

1.1 OVERVIEW

The project Lost phone database is to identify new mobile number when equipment is still in use but new sim has been taken based on IMEI number search. It will keep the track of IMEI numbers of all mobile phones which are lost or stolen. It will be an web application based on PHP web technology and MySQL database.

PHP is a general-purpose scripting language that is especially suited to server-side web development, in which case PHP generally runs on a web server. Any PHP code in a requested file is executed by the PHP runtime, usually to create dynamic web page content or dynamic images used on websites or elsewhere.

MySQL is a relational database management system based on SQL – Structured Query Language. The application is used for a wide range of purposes, including data warehousing, e-commerce, and logging applications. The most common use for MySQL however is for the purpose of a web database.

1.2 BACKGROUND

1.2.1 IMEI

The International Mobile station Equipment Identity number (IMEI) is a number used to identify a mobile device that uses terrestrial cellular networks. This is the network you use when you place a call on your cell phone or access an internet connection provided by your cellular carrier through your data plan. It's called "terrestrial" because it uses planet-side antennas, not satellites, to connect.

IMEI numbers have one principal purpose: to identify mobile devices. Their secondary purpose, or intention, is to prevent theft. If a mobile device can be universally identified, a thief cannot change the SIM card on a phone and expect to keep the phone. IMEI numbers are hard-coded into device hardware, making it nearly impossible to change them without somehow damaging the device.

1.2.2 XAMPP

XAMPP is a free and open source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages. XAMPP stands for Cross-Platform (X), Apache (A), MariaDB (M), PHP (P) and Perl (P). It is a simple, lightweight Apache distribution that makes it extremely easy for developers to create a local web server for testing and deployment purposes. Everything needed to set up a web server – server application (Apache), database (MariaDB), and scripting language (PHP) – is included in an extractable file.

1.2.3 PHP

The PHP Hypertext Preprocessor (PHP) is a programming language that allows web developers to create dynamic content that interacts with databases. PHP is basically used for developing web based software applications. This tutorial helps you to build your base with PHP.

PHP started out as a small open source project that evolved as more and more people found out how useful it was. Rasmus Lerdorf unleashed the first version of PHP way back in 1994.

- PHP is a recursive acronym for "PHP: Hypertext Preprocessor".
- PHP is a server side scripting language that is embedded in HTML. It is used to manage dynamic content, databases, session tracking, even build entire e-commerce sites.
- It is integrated with a number of popular databases, including MySQL, PostgreSQL, Oracle, Sybase, Informix, and Microsoft SQL Server.
- PHP is pleasingly zippy in its execution, especially when compiled as an Apache module on the Unix side. The MySQL server, once started, executes even very complex queries with huge result sets in record-setting time.
- PHP supports a large number of major protocols such as POP3, IMAP, and LDAP. PHP4 added support for Java and distributed object architectures (COM and CORBA), making n-tier development a possibility for the first time.
- PHP is forgiving: PHP language tries to be as forgiving as possible.
- PHP Syntax is C-Like.

Characteristics of PHP

Five important characteristics make PHP's practical nature possible −

- Simplicity
- Efficiency
- Security
- Flexibility
- Familiarity

1.2.4 ARCHITECTURE

Our Web application will use Three Tire Architecture i.e. Server, Client and Database. Three-tier architecture is a client–server software architecture pattern in which the user interface (presentation), functional process logic("business rules"), computer data storage and data access are developed and maintained as independent modules, most often on separate platforms. It was developed by John J. Donovan in Open Environment Corporation (OEC), a tools company he founded in Cambridge, Massachusetts.

Apart from the usual advantages of modular software with well-defined interfaces, the three-tier architecture is intended to allow any of the three tiers to be upgraded or replaced independently in response to changes in requirements or technology. For example, a change of operating system in the presentation tier would only affect the user interface code.

Typically, the user interface runs on a desktop PC or workstation and uses a standard graphical user interface, functional process logic that may consist of one or more separate modules running on a workstation or application server, and an RDBMS on a database server or mainframe that contains the computer data storage logic. The middle tier may be multitiered itself (in which case the overall architecture is called an "n-tier architecture").

Three-tier architecture:

Presentation tier

This is the topmost level of the application. The presentation tier displays information related to such services as browsing merchandise, purchasing and shopping cart contents. It communicates with other tiers by which it puts out the results to the browser/client tier and all other tiers in the network. In simple terms, it is a layer which users can access directly (such as a web page, or an operating system's GUI).

Application tier

The logical tier is pulled out from the presentation tier and, as its own layer, it controls an application’s functionality by performing detailed processing.

Data tier

The data tier includes the data persistence mechanisms (database servers, file shares, etc.) and the data access layer that encapsulates the persistence mechanisms and exposes the data. The data access layer should provide an API to the application tier that exposes methods of managing the stored data without exposing or creating dependencies on the data storage mechanisms. Avoiding dependencies on the storage mechanisms allows for updates or changes without the application tier clients being affected by or even aware of the change. As with the separation of any tier, there are costs for implementation and often costs to performance in exchange for improved scalability and maintainability.

CHAPTER-2

LITERATURE SURVEY

2.1 BRIEF INTRODUCTION

The project titled “Lost Phone Database” is designed using HTML, CSS as front end and Apache server and MySQL as back end which works in XAMPP Control Panel v.3.2.1 . The coding language used is HTML, CSS and php.

The aim of this project is to provide centralized database for storing information regarding all the lost mobile phones (including their IMEI number), this information will be accessible to all the registered mobile service center, whenever a new mobile handset is received at a service center they will first check the status of that phone on the database. The information of the phone will be accessed using IMEI number of your handset, which is unique for all the phones. If the IMEI number matches a entry in the database the service provider should contact law officials, otherwise if it didn’t match with any registered field then service provider should proceed as per their conditions. IMEI numbers have one principal purpose: to identify mobile devices. Their secondary purpose, or intention, is to prevent theft. If a mobile device can be universally Since IMEI numbers are hard-coded into device hardware, making it nearly impossible to change them without somehow damaging the device.

2.2 RELATED WORK

When your phone is lost, police contacts your service provider to give the details of calls made in a specific duration of time. So they can get last location of your phone from the service provides. This is basically because you connect to a tower of the service provider to make calls/SMS/etc and the provider records the same. Therefore, some details regarding the call, your phone and the tower are stored with the company.
When your phone is on, police can track you through triangulation. Again, you're connected to a tower and can be detected easily.
Apart from this, police can get the documents you submitted while buying the SIM card and get your details from there.
Also, android keeps a track of location history by default. That too can be used if police is able to get access to it through Google etc.
IMEI is of a phone (and a dual-sim phone has 2 IMEI). Every time you make a call, your IMEI is taken note of by the service provider, which is reflected in the details of calls as mentioned above.
You can be tracked by IMEI or Phone number as both are recorded in call details.

CHAPTER-3

PROBLEM DESCRIPTION

3.1 PROBLEM OVERVIEW

Previously when the phone was lost or stolen then owner of the phone was registered the FIR to the nearest police station and police officers or government authorities were kept the record of IMEI number manually. When the phone had need to search then they had need to search details of IMEI number manually. There is no centralized system to keep the track or record of details of all the Lost or stolen phone with their IMEI number. So the problem of this solution is “Lost Phone Database”. It is a web application which keeps the details of all the lost phone on the basis of their IMEI number.

3.2 DRAWBACKS

There are following drawbacks in previous approach:

- Time Consuming.
- Subject to Errors while writing manually.
- Lack of Security.
- Inconsistency in data entry.
- Duplication of data entry.
- Takes Up a Lot of Space to keep manually the data files.
- Prone to Damage and Being Misplaced.

CHAPTER-4

PROPOSED WORK

4.1 OVERVIEW

Usually when the phone was lost or stolen then owner of the phone was registered the FIR to the nearest police station and police officers for government authorities were kept the record of IMEI number manually there is no centralized system to keep the track or record of details of all the Lost or stolen phone with their IMEI number**.** Home page of the web application consist the information regarding the site and login option at the top on the navigation bar. Login page entertains two types of users-Administrator Login and Service Center Login. Enter admin login Id and correct login password and you will be redirected to admin dashboard, which allows admin to perform 4 separate operations Add lost phone, View lost phone, Add service center, View service center. Add lost phone page consists of a form which takes details regarding the mobile phone which is lost. View lost phone page shows the table of all the registered mobile phones. Add service center page consists of a form which takes the details of service center .View service center page shows the table of all the registered service centers. when you enter User ID and correct login password and select service center radio button you will be redirected to the shop owners dashboard Service center dashboard allows them to perform two functions-search the IMEI number of the handset they received in the database, change their login password To change the login password they need to enter their userid, old login password and new login password.

4.2 COMPONENTS

i. Home page

ii. Login pages entertains two types of users-
   - Administrator Login
   - Service Center Login

iii. Enter admin login Id and correct login password and you will be redirected to admin dashboard, which allows admin to perform 4 separate operations.
   -Add lost phone
   -View lost phone
   -add service center
   -View service center

iv. Add lost phone page consists of a form which take details regarding the mobile phone which is lost

v. View lost phone page shows the table of all the registered mobile phones

vi. Add service center page consists of a form which takes the details of service center

vii. View service center page shows the table of all the registered service centers shown in

viii. when you enter User ID and correct login password and select service center radio button you will be redirected to the shop owners dashboard

ix. Service center dashboard allows them to perform two functions
   -search the IMEI number of the handset they received in the database.
   -change their login password

x. To change the login password they need to enter their userid, old login password and new login password

4.3 FLOW CHART

A flowchart is a diagram that depicts a process, system or computer algorithm. They are widely used in multiple fields to document, study, plan, improve and communicate often complex processes in clear, easy-to-understand diagrams. Flowcharts are useful in writing a program or algorithm and explaining it to others or collaborating with them on it.Often, programmers may write pseudocode, a combination of natural language and computer language able to be read by people. This may allow greater detail than the flowchart and serve either as a replacement for the flowchart or as a next step to actual code.

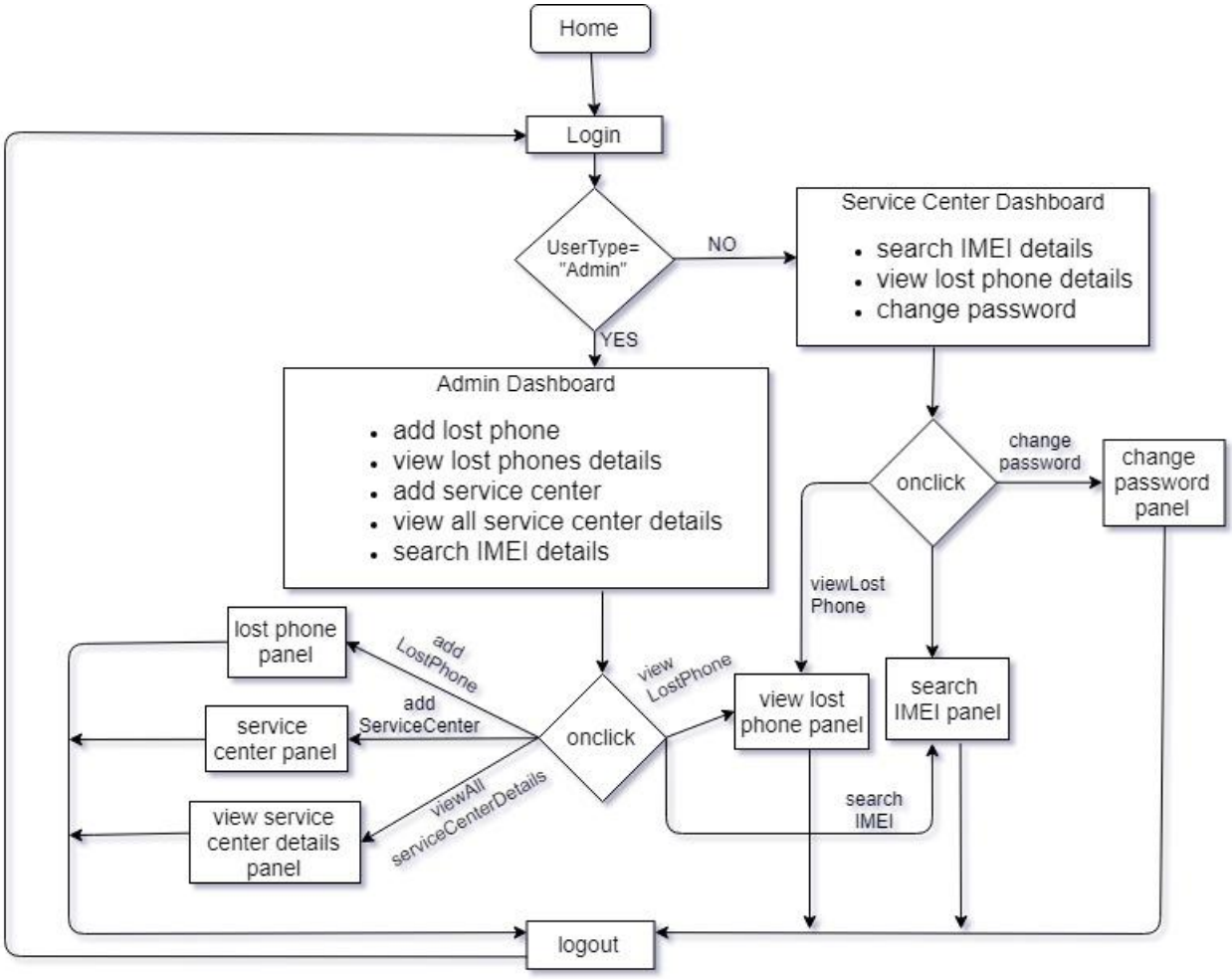

Fig 4.3 FLOW CHART

CHAPTER-5

SYSEM DESIGM AND IMPLEMENTATION

5.1 TOOL DESCRIPTION

5.1.1 HARDWARE REQUIREMENTS:

The various hardware details required for the project are,

PROCESSOR : Intel Pentium II or above

PROCESSOR speed : 1.76 GHZ or above

RAM : 32 MB or above

HDD : 10 MB

5.1.2 SOFTWARE REQUIREMENTS:

The various software requirements of this project are,

PLATFORM : WINDOWS XP and above

FRONT END : HTML , CSS

BACK END : PHP, XAMPP

5.2 UML DIAGRAMS

The Unified Modeling Language is a standard language for specifying, Visualization, Constructing and documenting the artifacts of software system, as well as for business modeling and other non-software systems.

The UML represents a collection of best engineering practices that have proven successful in the modeling of large and complex systems. UML stands for Unified Modeling Language. UML is a standardized general-purpose modeling language in the field of object-oriented software engineering. The standard is managed and was created by the Object Management Group.

The goal is for UML to become a common language for creating models of object oriented computer software. In its current form UML is comprised of two major components: a Metamodeling and a notation. In the future, some form of method or process may also be added to; or associated with it. The UML is a very important part of developing objects oriented software and the software development process. The UML uses mostly graphical notations to express the design of software projects.

GOALS:

The Primary goals in the design of the UML are as follows:

- Provide users a ready-to-use, expressive visual modeling Language so that they can develop and exchange meaningful models.
- Provide extendibility and specialization mechanisms to extend the core concepts.
- Be independent of particular programming languages and development process.
- Provide a formal basis for understanding the modeling language.
- Encourage the growth of OO tools market.

5.2.1 USE CASE DIAGRAM:

A use case diagram in the Unified Modeling Language (UML) is a type of behavioral diagram defined by and created from a Use-case analysis. Its purpose is to present a graphical overview of the functionality provided by a system in terms of actors, their goals (represented as use cases), and any dependencies between those use cases. The main purpose of a use case diagram is to show what system functions are performed for which actor. Roles of the actors in the system can be depicted.

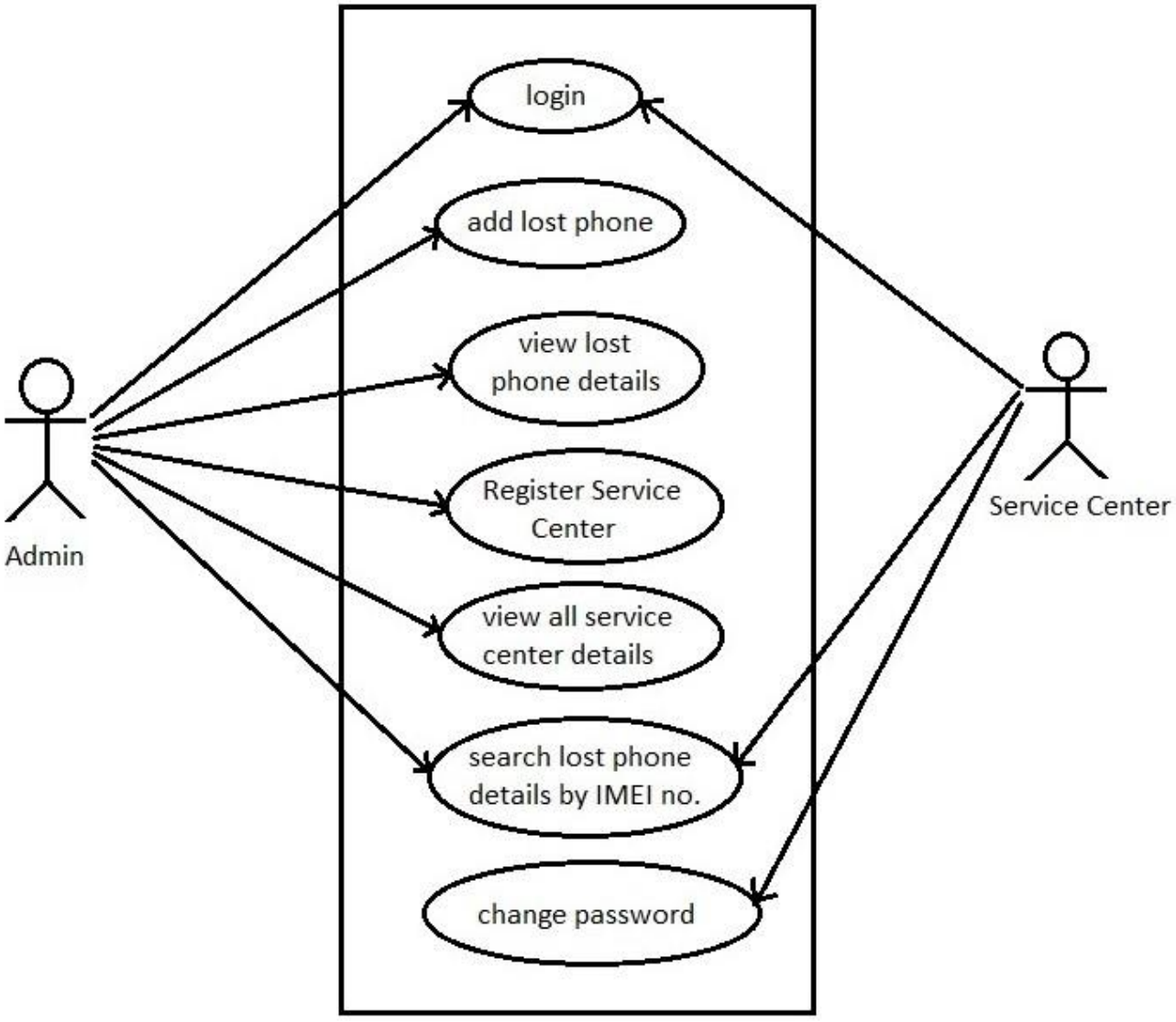

Fig 5.2.1 USE CASE DIAGRAM

5.2.2 DATA FLOW DIAGRAM:

A data flow diagram (DFD) maps out the flow of information for any process or system. It uses defined symbols like rectangles, circles and arrows, plus short text labels, to show data inputs, outputs, storage points and the routes between each destination. Data flowcharts can range from simple, even hand-drawn process overviews, to in-depth, multi-level DFDs that dig progressively deeper into how the data is handled. They can be used to analyze an existing system or model a new one. Like all the best diagrams and charts, a DFD can often visually "say" things that would be hard to explain in words, and they work for both technical and nontechnical audiences, from developer to CEO. That's why DFDs remain so popular after all these years. While they work well for data flow software and systems, they are less applicable nowadays to visualizing interactive, real-time or database-oriented software or systems.

LEVEL 0

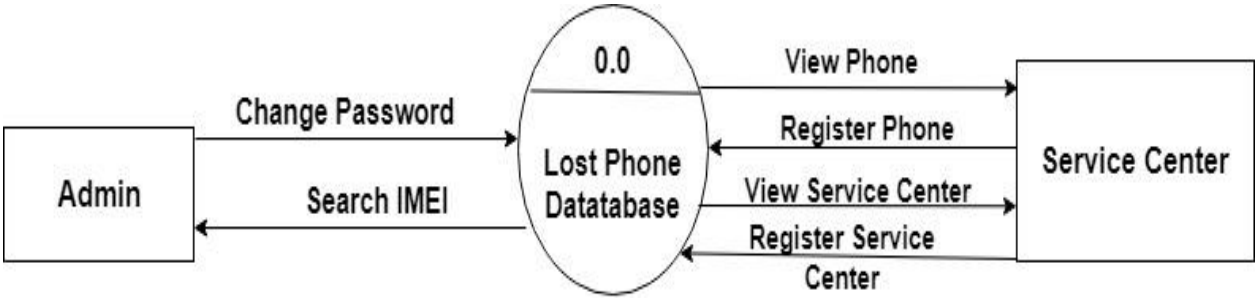

Fig 5.2.2 DFD Level 0

LEVEL 1

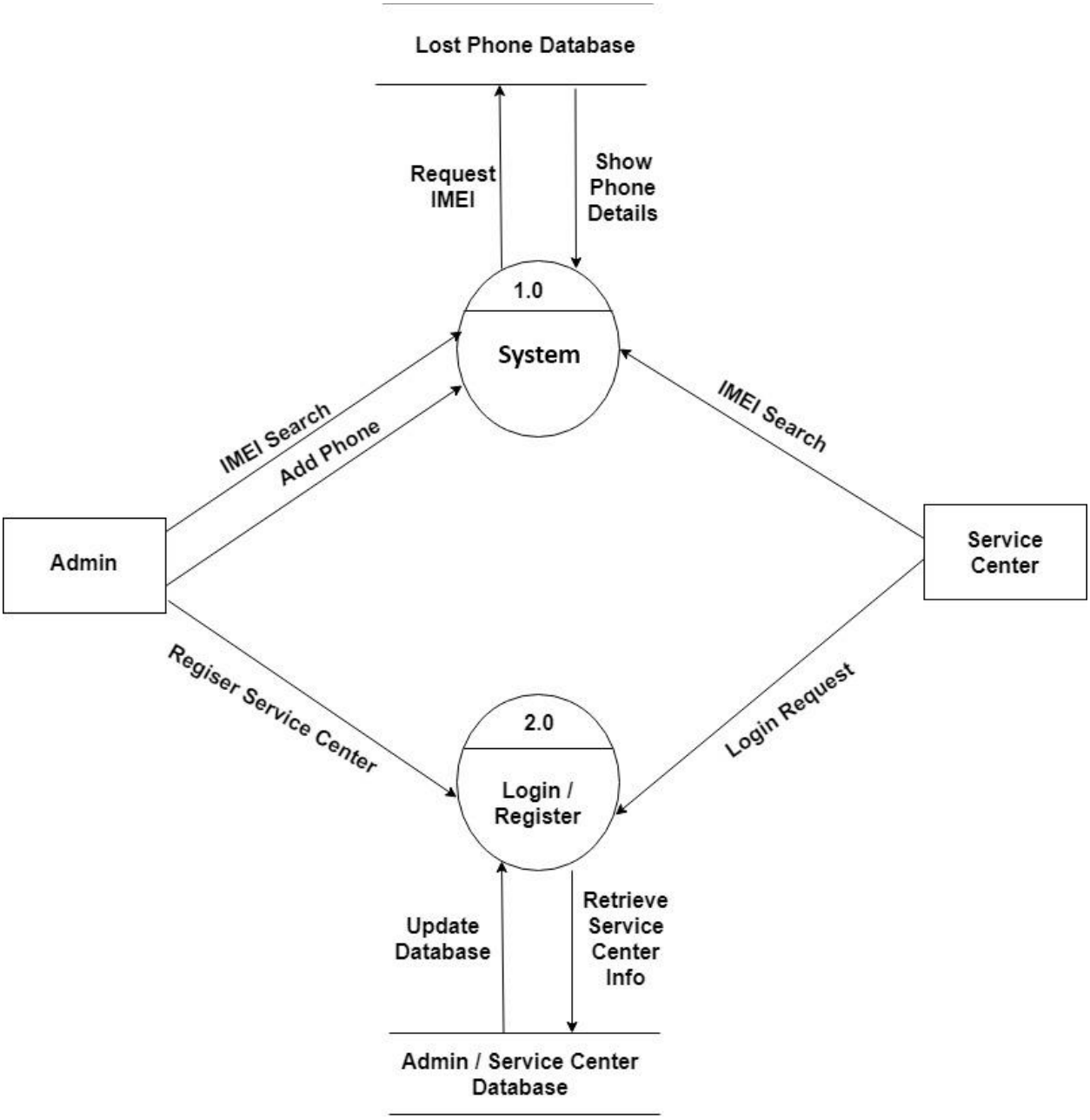

Fig 5.2.2 DFD LEVEL 1

5.2.3 SEQUENCE DIAGRAM:

A sequence diagram in Unified Modeling Language (UML) is a kind of interaction diagram that shows how processes operate with one another and in what order. It is a construct of a Message Sequence Chart. Sequence diagrams are sometimes called event diagrams, event scenarios, and timing diagrams.

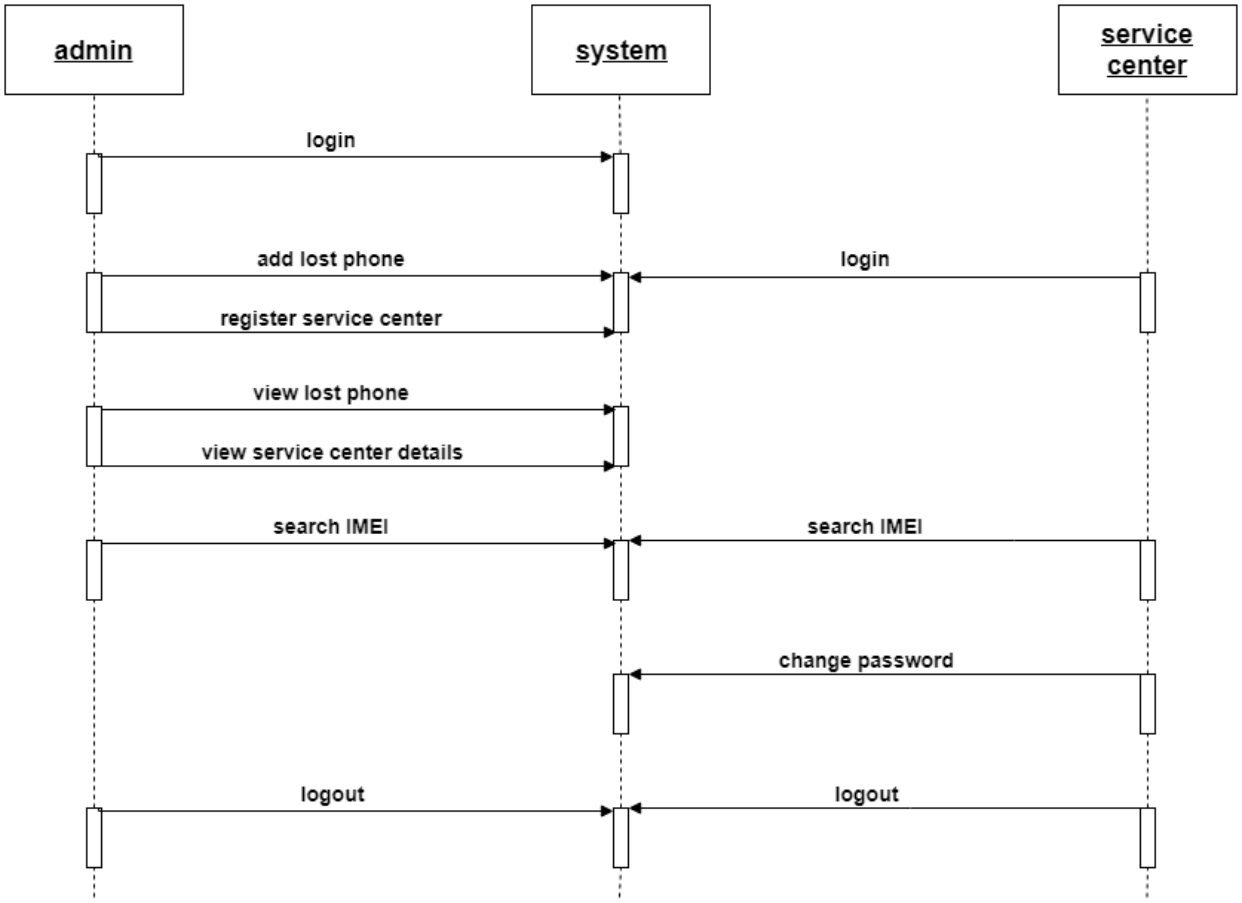

Fig 5.2.3 SEQUENCE DIAGRAM

5.2.4 ACTIVITY DIAGRAM:

Activity diagrams are graphical representations of workflows of stepwise activities and actions with support for choice, iteration and concurrency. In the Unified Modeling Language, activity diagrams can be used to describe the business and operational step-by-step workflows of components in a system. An activity diagram shows the overall flow of control.

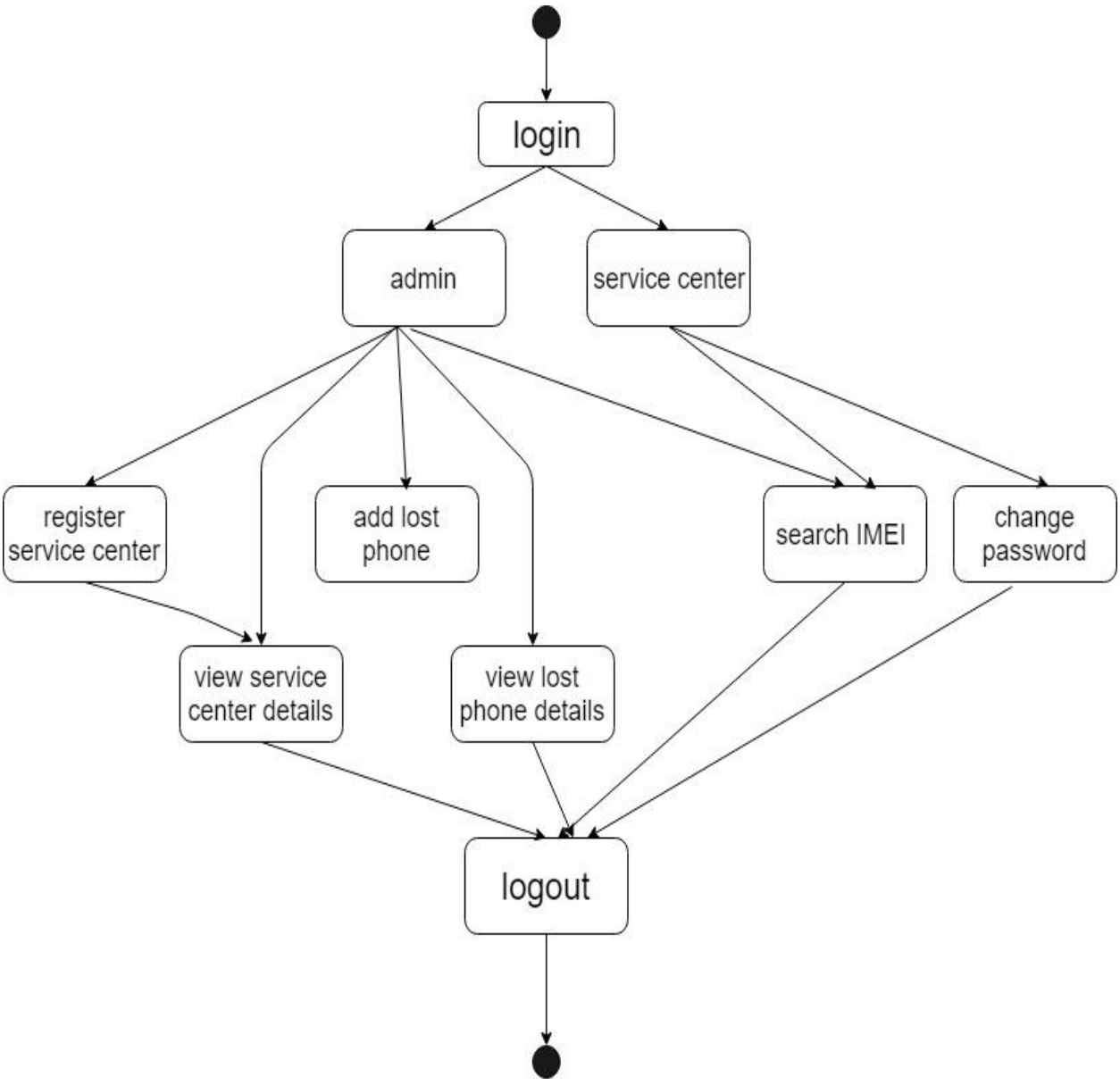

Fig 5.2.4 ACTIVITY DIAGRAM

5.2.5 COLLABORATION DIAGRAM:

In collaboration diagram the method call sequence is indicated by some numbering technique as shown below. The number indicates how the methods are called one after another. We have taken the same order management system to describe the collaboration diagram. The method calls are similar to that of a sequence diagram. But the difference is that the sequence diagram does not describe the object organization whereas the collaboration diagram shows the object organization.

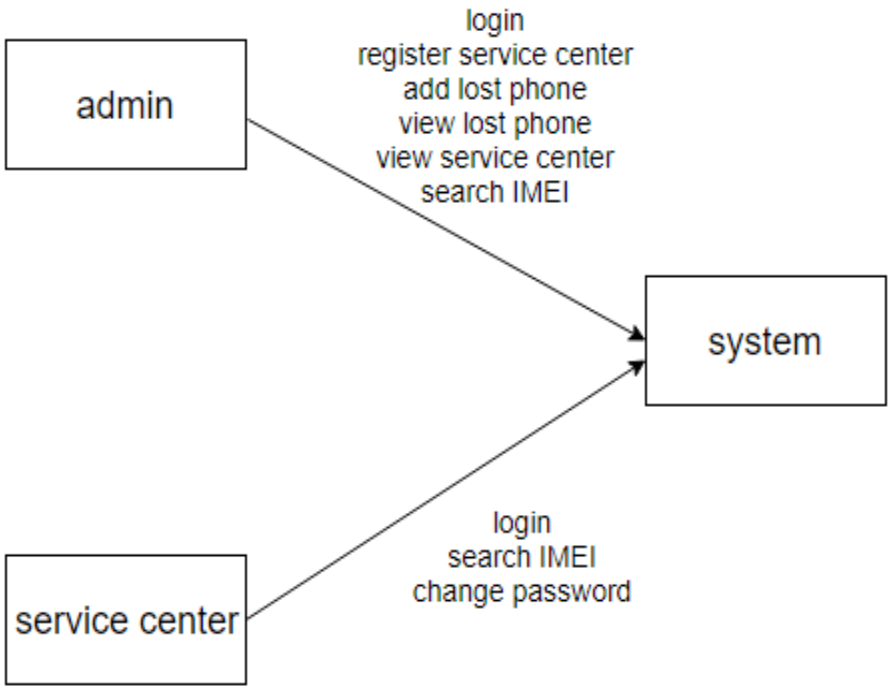

Fig 5.2.5 COLLABORATION DIAGRAM

5.3 SYSTEM IMPLEMENTATION

HOME PAGE

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Lost Phone</title>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<link rel="stylesheet" type="text/css"
        href="grid.css"/>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
<style>
body, html {
   height: 100%;
          margin: 0;
}
.bg {
   background-image: url("phone GIF-source.gif");
          background-repeat: no-repeat;
   background-attachment: fixed;
   height: 100%;
width: 100%;
```

```
    background-position: center;
    background-repeat: no-repeat;
    background-size: cover;
          color:black;
}
input[type=text], input[type=password] {
    width: 100%;
    padding: 12px 20px;
    margin: 8px 0;
    display: inline-block;
    border: 1px solid #ccc;
    box-sizing: border-box;
}
button :hover {
    opacity: 0.8;
}
.imgcontainer {
    text-align: center;
    margin: 24px 0 12px 0;
    position: relative;
}
img.avatar {
    width: 40%;
    border-radius: 50%;
}
```

```
.container {
    padding: 16px;
}
span.psw {
    float: right;
    padding-top: 16px;
}
.modal {
    display: none; /* Hidden by default */
    position: fixed; /* Stay in place */
    z-index: 1; /* Sit on top */
    left: 0;
    top: 0;
    width: 100%; /* Full width */
    height: 100%; /* Full height */
    overflow: auto; /* Enable scroll if needed */
    background-color: rgb(0,0,0); /* Fallback color */
    background-color: rgba(0,0,0,0.4); /* Black w/ opacity */
    padding-top: 60px;
}
.modal-content {
    background-color: #fefefe;
    margin: 5% auto 15% auto; /* 5% from the top, 15% from the bottom and centered */
    border: 1px solid #888;
    width: 80%; /* Could be more or less, depending on screen size */
```

```
}.close {
    position: absolute;
    right: 25px;
    top: 0;
    color: #000;
    font-size: 35px;
    font-weight: bold;
}
.close:hover,.close:focus {
    color: red;
    cursor: pointer;
}
.animate {
    -webkit-animation: animatezoom 0.6s;
    animation: animatezoom 0.6s
}
@-webkit-keyframes animatezoom {
    from {-webkit-transform: scale(0)}
    to {-webkit-transform: scale(1)}
}
@keyframes animatezoom {
    from {transform: scale(0)}
    to {transform: scale(1)}
}
@media screen and (max-width: 300px) {
```

```
    span.psw {
       display: block;
       float: none;
    }
    .cancelbtn {
       width: 100%;
    }
}
</style>
</head>
<body>
<nav class="nav nav-tabs navbar navbar-inverse navbar-fixed-top" style="margin: 0">
<div class="container" style="padding-top:10px; padding-bottom:10px;">
<div class="navbar-header">
<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a class="navbar-brand" href="Home.html">Lost Phone</a>
</div>
<div class="collapse navbar-collapse" id="myNavbar">
<ul class="nav navbar-nav">
</ul>
<ul class="nav navbar-nav navbar-right">
```

```
<li><a href="signin.html"><span class="glyphicon glyphicon-log-in"></span> Sign In</a></li>

</ul>

</div>

</div>

</nav>

<div id="myCarousel" class="carousel slide" data-ride="carousel" style="margin-top: 71px">

<!-- Indicators -->

<ol class="carousel-indicators">

<li data-target="#myCarousel" data-slide-to="0" class="active"></li>

<li data-target="#myCarousel" data-slide-to="1"></li>

<li data-target="#myCarousel" data-slide-to="2"></li>

</ol>

<!-- Wrapper for slides -->

<div class="carousel-inner" style="width:1000px ; height: 660px" >

<div class="item active">

<h2></h2>

<img src="phonelost4.jpg" alt="Los Angeles" style="width:800px ; height: 500px"  >

<p style="text-align:right ; font-size: 25px"> we rely on our smartphones for everything and You Lost Phone </p>

</div>

<div class="item">

<h2></h2>

<img src="phonepolice.jpg" alt="Chicago" style="width:800px ; height: 500px" >

<p style="text-align: right ; font-size: 25px">Lodge a complain and admin will update your info to database</p>

</div>
```

```
<div class="item">

<h2></h2>

<img src="phonethief2.jpg" alt="New York" style="width:800px ; height: 500px">

<p style="text-align: right ; font-size: 25px">Now if the their takes your phone to any mobile service center</p>

</div>

        <div class="item">

<h2></h2>

<img src="find.jpg" alt="New York" style="width:800px ; height: 500px" >

<p style="text-align: right ; font-size: 25px">IMEI number will be used to check if that is a stolen phone or not</p>

</div>

</div>

<!-- Left and right controls -->

<a class="left carousel-control" href="#myCarousel" data-slide="prev">

<span class="glyphicon glyphicon-chevron-left"></span>

<span class="sr-only">Previous</span>

</a>

<a class="right carousel-control" href="#myCarousel" data-slide="next">

<span class="glyphicon glyphicon-chevron-right"></span>

<span class="sr-only">Next</span>

</a>

</div>

<div class="jumbotron" style="padding: 0">

<div class="bg">

<div class="container">
```

```
<div class="row" style="margin-top: 150px; margin-bottom:100px;">

<div class="col-sm-7 text-center" style="color:#ffffff; font-family: 'verdana', Times, serif; margin-top:50px">

<br><p style="font-size: 45px"><b>Lost Your Phone???</b></p>

        <p style="font-size: 25px">

Since smartphones have become an essential part of our lives, the Mobile service can be a necessary preventive measure against the loss of your smartphone. If you have lost your device, try the Mobile service.</p>

</div>

<div class="col-sm-5">

        <!--  <div class="well"><h1>Bootstrap Tutorial</h1>

<p>Bootstrap is the most popular HTML, CSS, and JS framework for developing responsive, mobile-first projects on the web.</p>

</div>  -->

</div></div></div>

</div>

</div>

<div class="container">

<div class="row">

<div class="col-12">

<br><br><br>

<p >Copyright @2018 all rights are reserved</p>

</div>
</div>
</div>
</body>
</html>
```

REGISTER NEW PHONES

```
<?php
$con =mysqli_connect("localhost","root","","lostphone");
echo $imei=$_POST['imei'];
 echo $FIRnumber=$_POST['FIRnumber'];
 echo $brand=$_POST['brand'];
 echo $dop=$_POST['dop'];
echo $shopname=$_POST['shopname'];
 echo $dol=$_POST['dol'];
echo $name=$_POST['name'];
echo $address=$_POST['address'];
 echo $phoneno=$_POST['phoneno'];
echo $query = "INSERT INTO lostmobile(imei,FIRnumber,brand,dop,shopname,dol,name,address,phonenumber)

VALUES('$imei','$FIRnumber','$brand','$dop','$shopname','$dol','$name','$address','$phoneno')"
;
$result= mysqli_query($con ,$query);
if($result){
        header('location: viewphones.php');
}else{
        header('location: error.html');
}?>
```

REGISTER NEW SERVICE CENTER

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Register Service Center</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
    <style>
body, html {
    height: 100%;
        margin: 0;
        background-color: #fbfbfb;
}
.bg {
    background-image: url("images.jpg");
        background-repeat: no-repeat;
    background-attachment: fixed;
    height: 100%;
        width: 100%;
    background-position: center;
    background-repeat: no-repeat;
    background-size: cover;
        color:black;
}
```

```
#overlay {
   top: 0;
   left: 0;
   right: 0;
   bottom: 0;
   background-color: rgba(0,0,0,0.5);
   z-index: 2;
}
</style>
</head>
<body style="background-image: url('laptop-wallpaper-1920x1080.jpg'); height: auto">
<nav class="nav nav-tabs navbar navbar-inverse navbar-fixed-top" style="margin: 0">
  <div class="container" style="padding-top:10px; padding-bottom:10px; ">
    <div class="navbar-header">
     <button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">
       <span class="icon-bar"></span>
       <span class="icon-bar"></span>
       <span class="icon-bar"></span>
     </button>
     <a class="navbar-brand" href="adminpanel.html">Lost Phone</a>
    </div>
    <div class="collapse navbar-collapse" id="myNavbar">
          <form class="navbar-form navbar-left" name="search" method ="post" action="search.php">
     <div class="input-group">
       <input type="text" class="form-control" name="search" placeholder="Enter IMEI Number" style="width:600px">
```

```
      <div class="input-group-btn">
        <button class="btn btn-default" type="submit">
          <i class="glyphicon glyphicon-search"></i>
        </button>
      </div>
    </div>
  </form>
  <ul class="nav navbar-nav navbar-right">
    <li><a href="#"><span class="glyphicon glyphicon-user"></span> Admin</a></li>
        <li><a href="signin.html"><span class="glyphicon glyphicon-log-out"></span> Signout</a></li>
  </ul>
  </div>
 </div>
</nav>
<div class="bg">
<div class="container">
<div id="overlay" style="margin:100px 200px 100px 200px; padding:30px 50px 30px 50px; color:white">
 <h2 style="text-align:center">ENTER SERVICE CENTER DETAILS</h2><br/>
 <form class="form-horizontal" method="post" action="shopregister.php">
  <div class="form-group">
    <label class="control-label col-sm-4" for="aadhar">Email ID:</label>
    <div class="col-sm-8">
     <input type="email" class="form-control" id="emailid" placeholder="Enter emailid" name="emailid" required>
    </div>
  </div>
```

```
        <div class="form-group">
    <label class="control-label col-sm-4" for="aadhar">Aadhar Number:</label>
    <div class="col-sm-8">
     <input type="text" class="form-control" id="aadhar" placeholder="Enter Aadhar Number" name="aadhar" required>
    </div>
  </div>
  <div class="form-group">
    <label class="control-label col-sm-4" for="ownername">Name Of Shop Owner:</label>
    <div class="col-sm-8">
     <input type="text" class="form-control" id="ownername" placeholder="Enter owner's name" name="ownername" required>
    </div>
  </div>
        <div class="form-group">
    <label class="control-label col-sm-4" for="owneraddress">Owner's Address:</label>
    <div class="col-sm-8">
     <input type="text" class="form-control" id="owneraddress" placeholder="Enter address" name="owneraddress" required>
    </div>
  </div>
        <div class="form-group">
    <label class="control-label col-sm-4" for="phoneno">Contact Number:</label>
    <div class="col-sm-8">
     <input type="text" class="form-control" id="phoneno" placeholder="Enter phone number" name="phoneno" required>
    </div>
  </div>
  <div class="form-group">
```

```
<label class="control-label col-sm-4" for="dor">Date Of Registration:</label>

<div class="col-sm-8">

<input type="date" class="form-control" id="dor" placeholder="MM-DD-YYYY" name="dor" required>

</div>

</div>

<div class="form-group">

<label class="control-label col-sm-4" for="shopname">Shop Name:</label>

<div class="col-sm-8">

<input type="text" class="form-control" id="shopname" placeholder="Enter shop name" name="shopname" required>

</div>

</div>

<div class="form-group">

<label class="control-label col-sm-4" for="shoppassword">Password:</label>

<div class="col-sm-8">

<input type="password" class="form-control" id="shoppassword" placeholder="Enter password" name="shoppassword" required>

</div>

</div>

<div class="form-group">

<label class="control-label col-sm-4" for="shop address">Shop Address:</label>

<div class="col-sm-8">

<input type="text" class="form-control" id="shopaddress" placeholder="Enter shop address" name="shopaddress" required>

</div>

</div>

<div class="form-group">

<div class="col-sm-offset-6 col-sm-6">
```

```
        <button type="submit" class="btn btn-default">Submit</button>
      </div>
    </div>
  </form>
</div>
</div>
</div>
</body>
</html>
```

SEARCH IMEI NUMBER OF PHONE

```
<head>
  <link rel ="stylesheet" type="text/css"
      href="grid.css"/>
            <title>Search Lost Phone</title>
    <meta charset="utf-8">
 <meta name="viewport" content="width=device-width, initial-scale=1">
 <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
 <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
 <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
  </head>
<body>
  <nav class="nav nav-tabs navbar navbar-inverse navbar-fixed-top" style="margin: 0">
 <div class="container" style="padding-top:10px; padding-bottom:10px; ">
  <div class="navbar-header">
   <button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">
     <span class="icon-bar"></span>
     <span class="icon-bar"></span>
     <span class="icon-bar"></span>
    </button>
    <a class="navbar-brand" href="#">Lost Phone</a>
  </div>
  <div class="collapse navbar-collapse" id="myNavbar">
       <form class="navbar-form navbar-left" name="search" method ="post" action="search.php">
    <div class="input-group">
```

```
      <input type="text" class="form-control" name="search" placeholder="Enter IMEI Number" style="width:600px"/>
      <div class="input-group-btn">
        <button class="btn btn-default" type="submit">
          <i class="glyphicon glyphicon-search"></i>
        </button>
      </div>
    </div>
  </form>
  <ul class="nav navbar-nav navbar-right">
    <li><a href="#"><span class="glyphicon glyphicon-user"></span> Service Center</a></li>
          <li><a href="signin.html"><span class="glyphicon glyphicon-log-out"></span> Signout</a></li>
  </ul>
  </div>
 </div>
</nav>
  <br>
  <h3 style ="text-align:center"> SEARCH RESULTS</h3>
<?php
$con =mysqli_connect("localhost","root","","lostphone");
$search =$_POST['search'];
$query ="SELECT * FROM lostmobile WHERE imei='$search'";
$result =mysqli_query($con, $query);
$resultrows = mysqli_fetch_array($result);
?>
<br>
      <?php
```

```
    ?>
<table border="2" width="1200px" align="center" style="margin-left:83px">
    <tr>
            <th>IMEI number</th>
        <th>FIR number</th>
        <th>Brand</th>
        <th>Date of Purchase</th>
        <th>Shop name</th>
         <th>Date of loss</th>
        <th>Name </th>
        <th>Address</th>
         <th>Contact number</th>
              </tr>
  <?php
  do{

  ?>
    <tr>
        <td><?php echo $resultrows[0];?></td>
        <td><?php echo $resultrows[1];?></td>
        <td><?php echo $resultrows[2];?></td>
        <td><?php echo $resultrows[3];?></td>
        <td><?php echo $resultrows[4];?></td>
        <td><?php echo $resultrows[5];?></td>
        <td><?php echo $resultrows[6];?></td>
        <td><?php echo $resultrows[7];?></td>
        <td><?php echo $resultrows[8];?></td>
```

```
        </tr>
<?php
}while($resultrows=mysqli_fetch_array($result));
?>
         </table>
```

SERVICE CENTER PANEL

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Dashboard</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
  <style>
body, html {
    height: 100%;
        margin: 0;
        background-color: #fbfbfb;
}
</style>
</head>
<body>
<nav class="nav nav-tabs navbar navbar-inverse navbar-fixed-top" style="margin: 0">
  <div class="container" style="padding-top:10px; padding-bottom:10px; ">
    <div class="navbar-header">
      <button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
```

```
    </button>
    <a class="navbar-brand" href="servicepanel.html">Lost Phone</a>
  </div>
  <div class="collapse navbar-collapse" id="myNavbar">
                <form class="navbar-form navbar-left" name="search" method ="post" action="search.php">
    <div class="input-group">
      <input type="text" class="form-control" name="search" placeholder="Enter IMEI Number" style="width:600px">
      <div class="input-group-btn">
        <button class="btn btn-default" type="submit">
          <i class="glyphicon glyphicon-search"></i>
        </button>
      </div>
    </div>
  </form>
  <ul class="nav navbar-nav navbar-right">
    <li><a href="#"><span class="glyphicon glyphicon-user"></span> Service Center</a></li>
          <li><a href="signin.html"><span class="glyphicon glyphicon-log-out"></span> Signout</a></li>
  </ul>
  </div>
 </div>
</nav>
<div class="container" style="margin-top: 71px">
  <div class="container">
 <br><br><br>
  <div class="row">
```

```
<div class="col-sm-4" align="center">
<h2 style="text-align:center"> Serach lost mobile phone </h2>
<p style="text-align:center;"> Please Enter IMEI no of the phone in above search field</p>
<img src="abovearrow.png" width="50%" height="50%">
</div>
<div class="col-sm-4">
<div align="center">
<h2 style="text-align:center"> Check Phone Details </h2>
<p style="text-align:center;">If you want to see details of all the lost phone click on the image</p> <br><br>
<a href="viewphones.php"><img src="view.jpg" width="80%" height="80%"> </a>
</div>
</div>
<div class="col-sm-4">
<div align="center">
<h2 style="text-align:center"> Change Password </h2>
<p style="text-align:center">If you want to change password of your account click on the image</p>
<a href="changepassword.html"><img src="change_password.png"> </a>
</div>
</div>
</div>
</div>
</div>
</body>
</html>
```

CHANGE PASSWORD

```
<html>

<head>

</head>

<body>

<?php

//step1..... create connection

$con =mysqli_connect("localhost","root","","lostphone");

//step 2

 echo $emailid=$_POST['emailid'];

 echo $oldpassword=$_POST['oldpassword'];

 echo $password=$_POST['password'];

echo $query = "UPDATE users SET password='$password' WHERE password='$oldpassword' AND userid='$emailid'";

$result= mysqli_query($con ,$query);

if($result){

?>

<div class="alert alert-success alert-dismissable fade in" style="margin-top:51px; text-align:center;">

   <a href="#" class="close" data-dismiss="alert" aria-label="close">&times;</a>

   Your Password has been Successfully changed...

</div><?php

        include("servicepanel.html");

}else{

        header('location: error.html');

}

?>

</body>
</html>
```

ADMIN PANEL

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Dashboard</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
  <style>
body, html {
    height: 100%;
        margin: 0;
        background-color: #fbfbfb;
}
</style>
</head>
<body>
<nav class="nav nav-tabs navbar navbar-inverse navbar-fixed-top" style="margin: 0">
  <div class="container" style="padding-top:10px; padding-bottom:10px; ">
    <div class="navbar-header">
      <button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#myNavbar">
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
```

```
    </button>
    <a class="navbar-brand" href="adminpanel.html">Lost Phone</a>
  </div>
  <div class="collapse navbar-collapse" id="myNavbar">
      <form class="navbar-form navbar-left" name="search" method ="post" action="search.php">
    <div class="input-group">
      <input type="text" class="form-control" name="search" placeholder="Enter IMEI Number" style="width:600px">
      <div class="input-group-btn">
        <button class="btn btn-default" type="submit">
          <i class="glyphicon glyphicon-search"></i>
        </button>
      </div>
    </div>
  </form>
  <ul class="nav navbar-nav navbar-right">
    <li><a href="#"><span class="glyphicon glyphicon-user"></span> Admin</a></li>
        <li><a href="signin.html"><span class="glyphicon glyphicon-log-out"></span> Signout</a></li>
  </ul>
  </div>
 </div>
</nav>
<div class="container" style="margin-top: 71px">

  <br><br><br><br><br><br><br>
 <div class="container">
```

```
   <div class="row" >
      <div class="col-sm-3" background-color: lightblue; >
      <h2 > Add lost mobile phone </h2>
            <a href="addingphone.html"><img src="1.jpg" width="200px" height="200px" >
</a>
     </div>
         <div class="col-sm-3" >
       <h2 > Check Phone Details </h2>
      <a href="viewphones.php"><img src="11.png" width="200px" height="200px"> </a>
      </div>
                  <div class="col-sm-3" >
                  <h2 > Add Service Center  </h2><br>
                  <a href="shopregister.html"><img src="Users Add user.ico" width="200px"
height="200px"></a>
                  </div>
               <div class="col-sm-3" >
                  <h2 > View Service Center </h2>
                  <a href="viewshopdetails.php"><img src="repair_icon.jpg" width="200px"
height="200px"></a>
                  </div>
          </div>
            </div>
   </div>
 </body>
</html>
```

INSERTION IN DATABASE

```
<?php
$con =mysqli_connect("localhost","root","","lostphone");
echo $emailid=$_POST['emailid'];
 echo $aadhar=$_POST['aadhar'];
 echo $ownername=$_POST['ownername'];
 echo $owneraddress=$_POST['owneraddress'];
echo $phoneno=$_POST['phoneno'];
 echo $dor=$_POST['dor'];
  echo $shopname=$_POST['shopname'];
echo $shoppassword=$_POST['shoppassword'];
echo $shopaddress=$_POST['shopaddress'];
echo $query = "INSERT INTO shopregister(emailid,aadhar,ownername,owneraddress,phoneno,dor,shopname,shoppassword,shopaddress)

VALUES('$emailid','$aadhar','$ownername','$owneraddress','$phoneno','$dor','$shopname','$shoppassword','$shopaddress')";
echo $query1 = "INSERT INTO users VALUES('$emailid','$shoppassword','service')";
$result= mysqli_query($con ,$query);
$result1= mysqli_query($con ,$query1);
header('location: viewshopdetails.php');
?>
```

5.4. SYSTEM TESTING AND MAINTENANCE

5.4.1 UNIT TESTING

The procedure level testing is made first. By giving improper inputs, the errors occurred are noted and eliminated.

5.4.2 INTEGRATION TESTING

Testing is done for each module. After testing all the modules, the modules are integrated and testing of the final system is done with the test data, specially designed to show that the system will operate successfully in all its aspects conditions. Thus the system testing is a confirmation that all is correct and an opportunity to show the user that the system works.

5.4.3 VALIDATION TESTING

The final step involves Validation testing, which determines whether the software function as the user expected. The end-user rather than the system developer conduct this test most software developers as a process called "Alpha and Beta Testing" to uncover the errors that only the end user seems able to find.

The compilation of the entire project is based on the full satisfaction of the end users.

5.4.4 VERIFICATION TESTING

Verification is a fundamental concept in software design. This is the bridge between customer requirements and an implementation that satisfies those requirements. Inadequate testing or non-testing leads to errors that may appear few months later.

5.4.5 MAINTENANCE

The objectives of this maintenance work are to make sure that the system gets into work all time without any bug. Provision must be for environmental changes which may affect the computer or software system. This is called the maintenance of the system. Nowadays there is rapid change in the software world. Due to this rapid change, the system should be capable of adapting these changes.

Maintenance plays a vital role. The system is liable to accept any modification after its implementation. This system has been designed to favor all new changes. Doing this will not affect the system's performance or its accuracy.

CHAPTER-6

SCREENSHOTS

6.1 HOME PAGE

Home page of the web application consist the information regarding the site and login option at the top on the navigation bar shown in fig 6.1

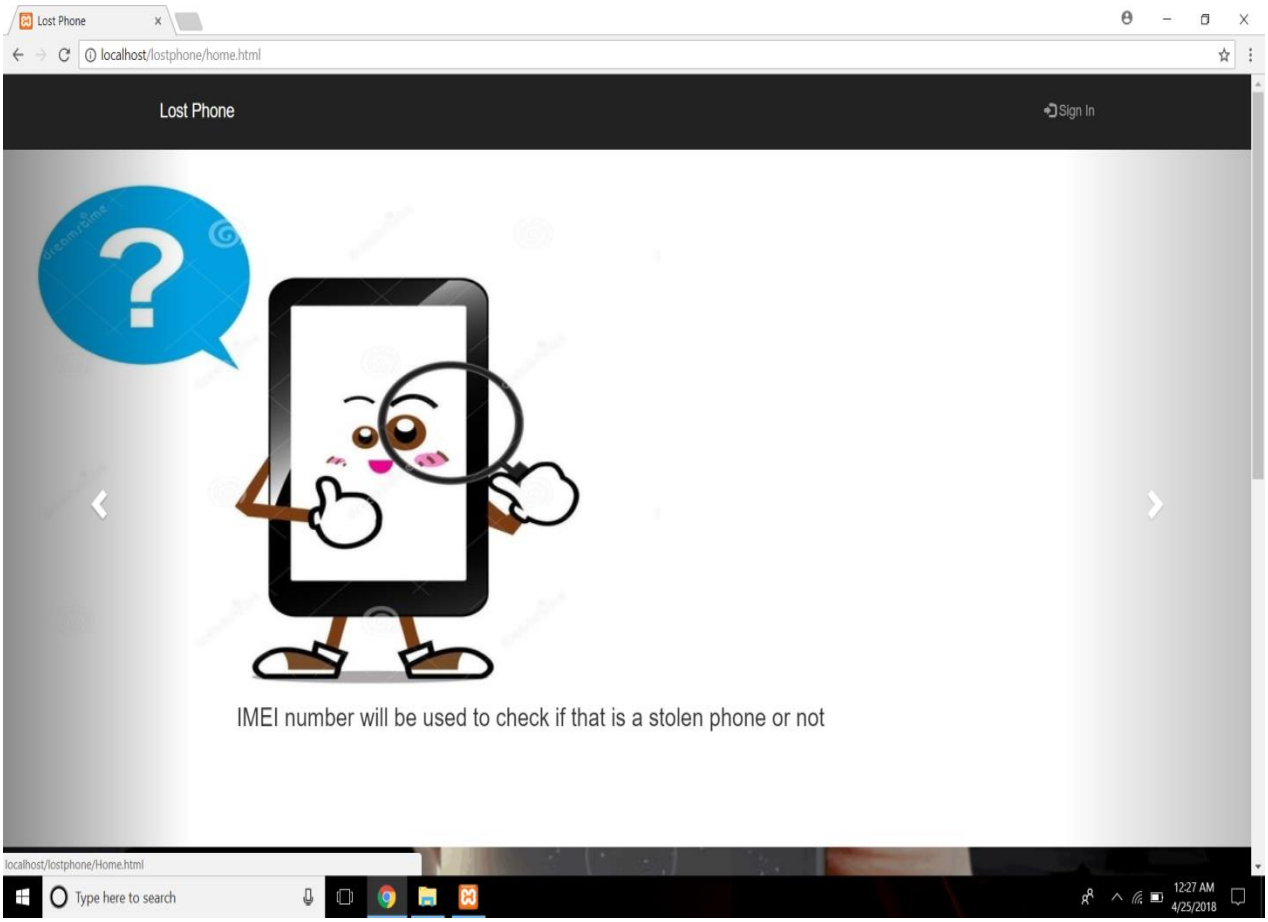

Fig 6.1 HOME SCREEN

6.2 SIGN IN

Login pages entertains two types of users-

- Administrator Login
- Service Center Login

shown in fig 6.2 below

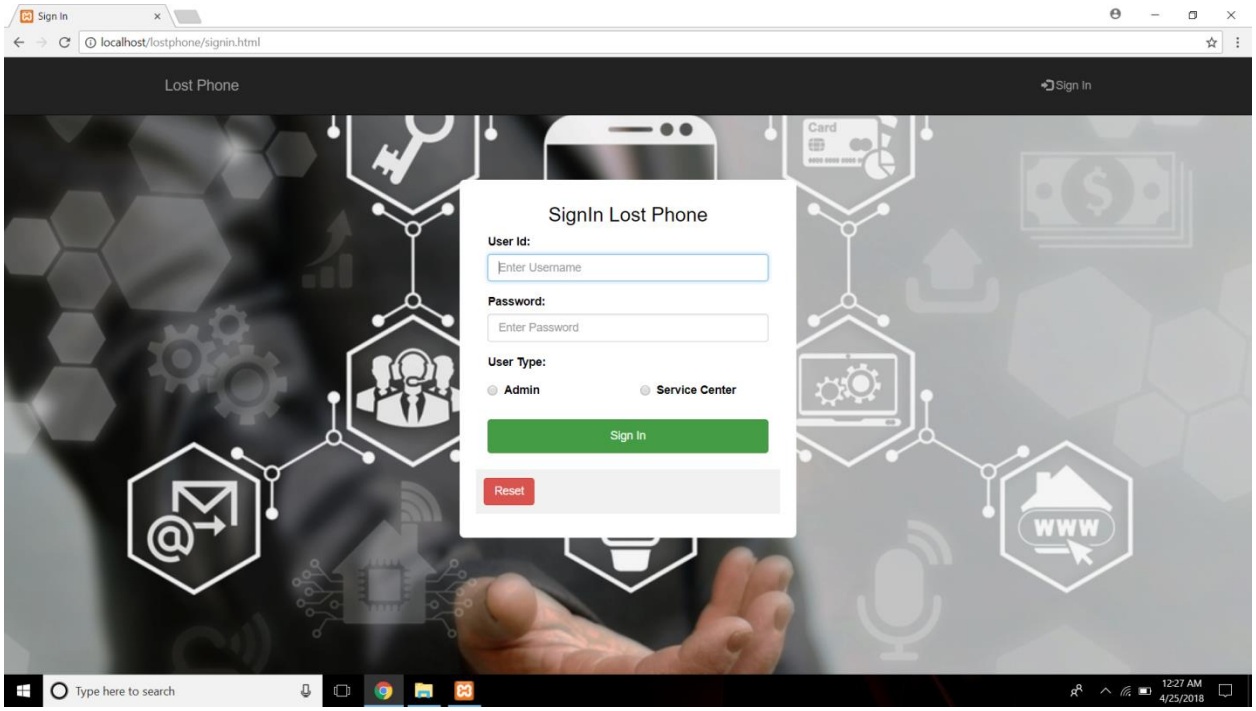

Fig 6.2 SIGN IN

6.3 ADMIN PANEL

Enter admin login Id and correct login password and you will be redirected to admin dashboard, which allows admin to perform 4 seprate operations.
-Add lost phone
-Veiw lost phone
-add service centre
-Veiw service centre
shown in fig 6.3

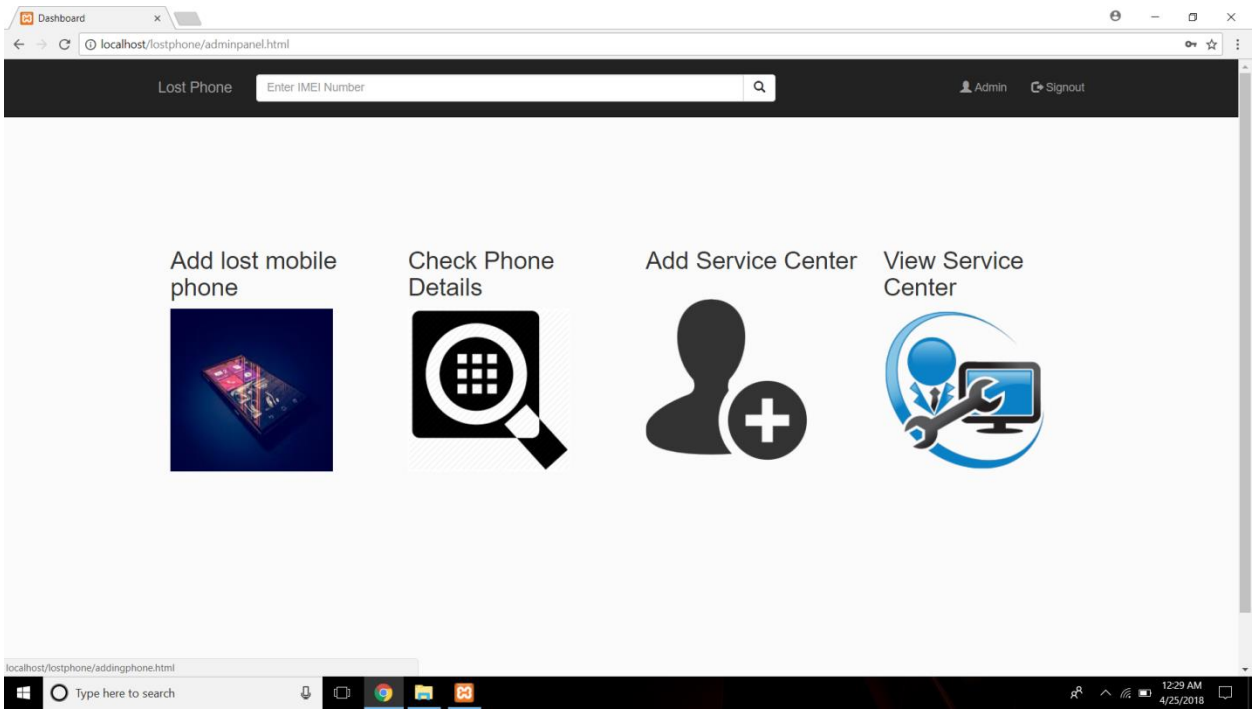

Fig 6.3 ADMIN PANEL

6.3.1 PHONE DETAILS

Add lost phone page consists of a form which take details regarding the mobile phone which is lost shown in fig 6.3.1

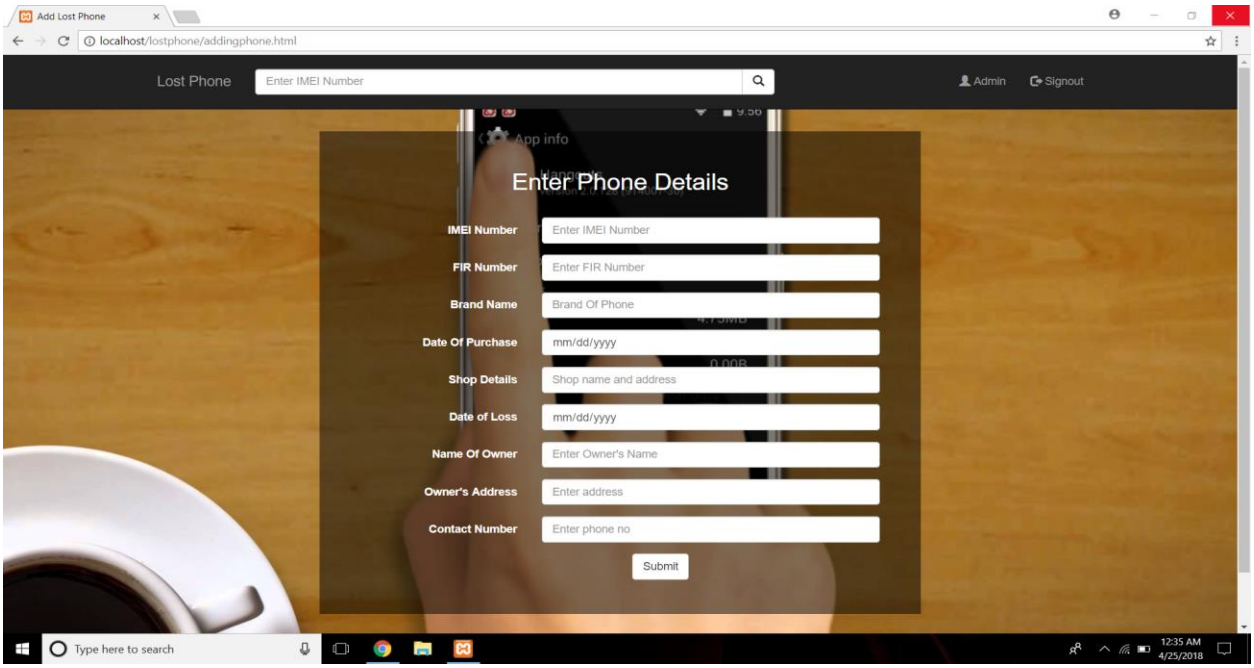

Fig 6.3.1 ENTER PHONE DETAILS

View lost phone page shows the table of all the registered mobile phones shown in figure 6.3.2

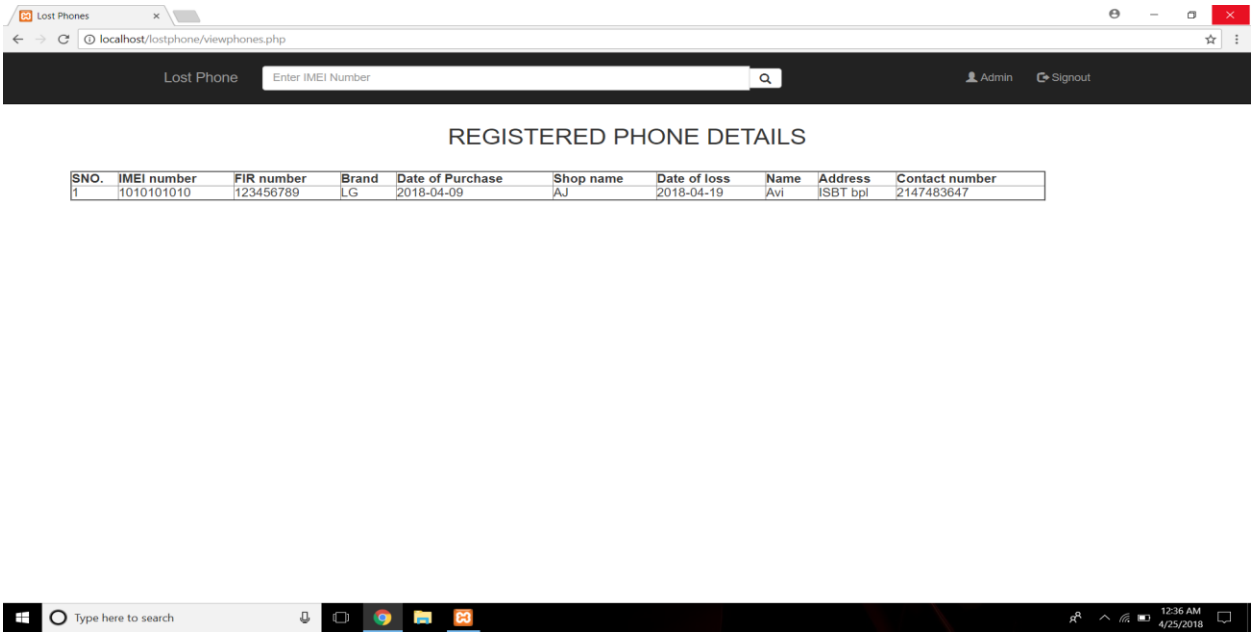

Fig 6.3.2 DISPLAY PHONE DETAILS

6.3.2 SERVICE CENTER DETAILS

Add service center page consists of a form which takes the details of service centre and its owner shown in figure 6.3.2

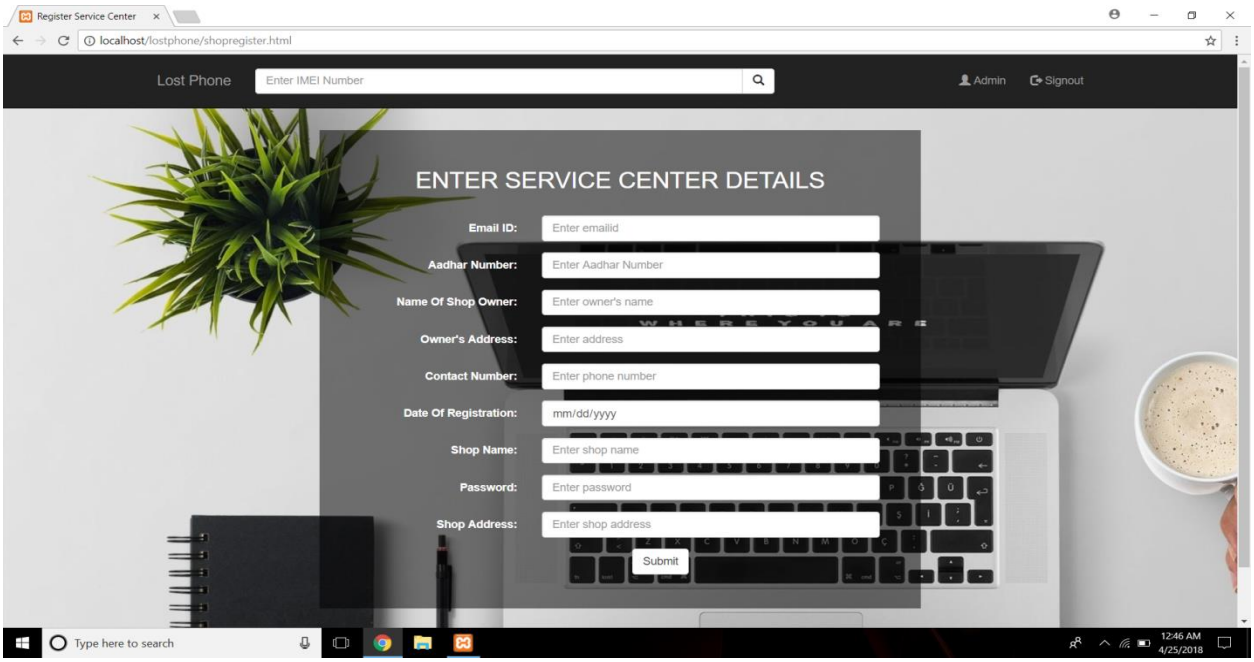

Fig 6.3.3 ENTER SERVICE CENTER DETAILS

View service centre page shows the table of all the registered service centres shown in fig 6.6

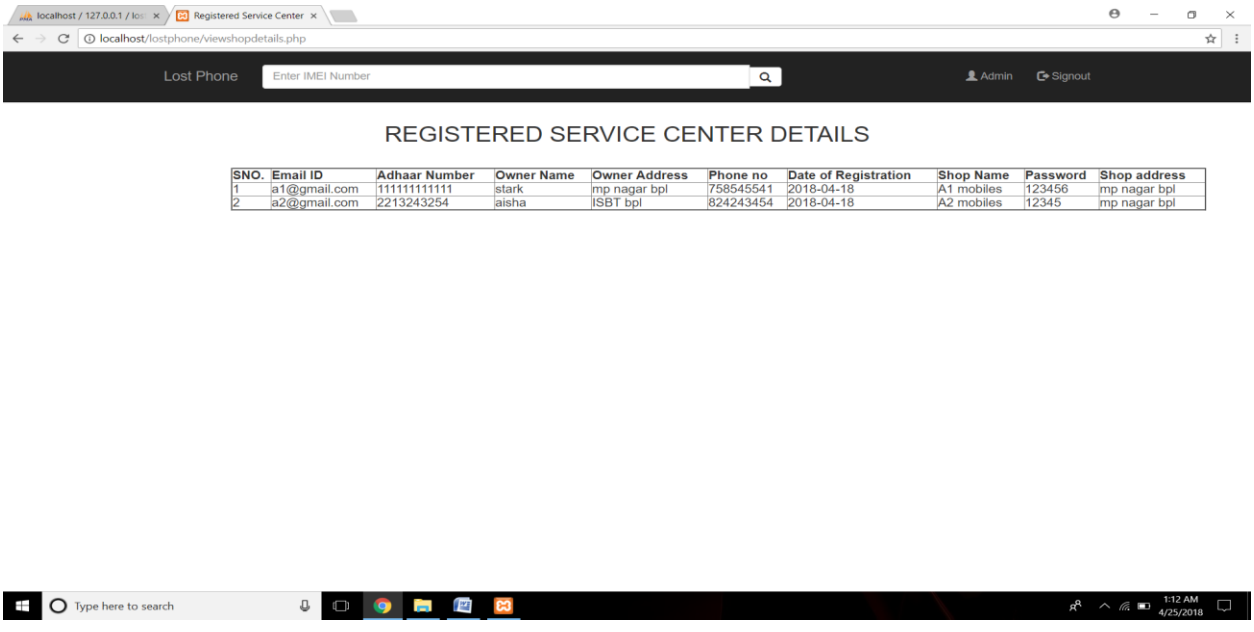

Fig 6.3.4DISPLAY SERVICE CENTER DETAILS

6.4 SERVICE PANEL

Service center dashboard allows them to perform two functions, search the IMEI number of the handset and change their login password.

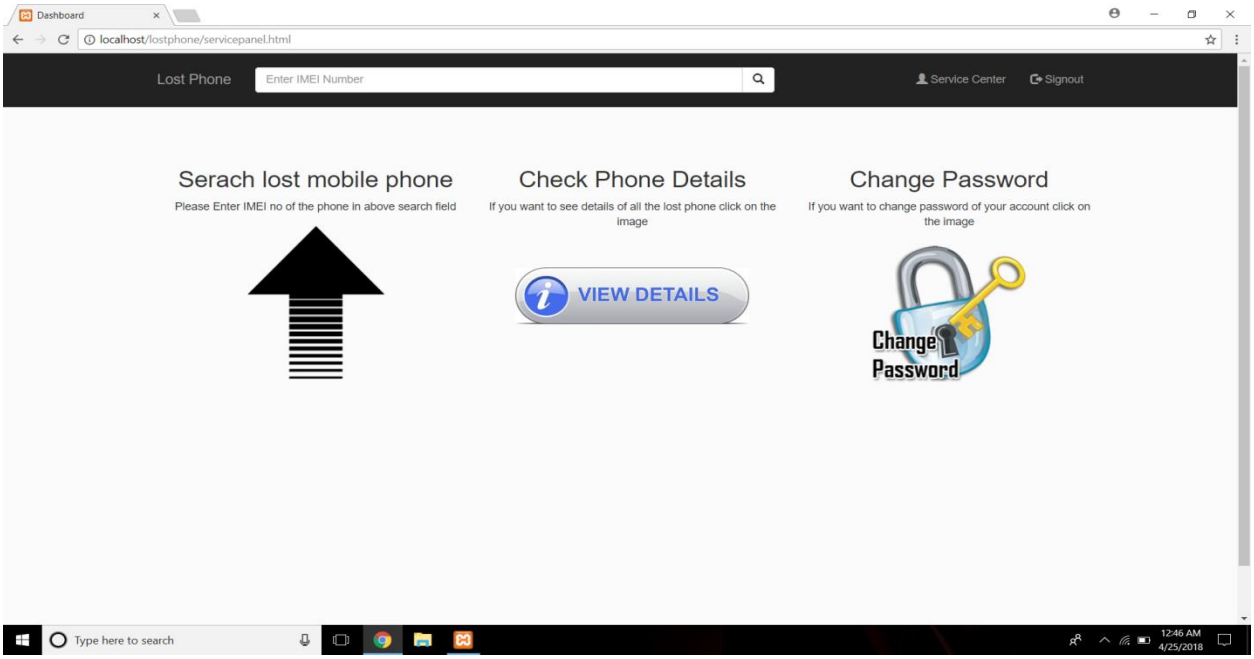

Fig 6.4.1 SERVICE PANEL

To change the login password they need to enter their userid, old login password and new login password shown in figure 6.4.2

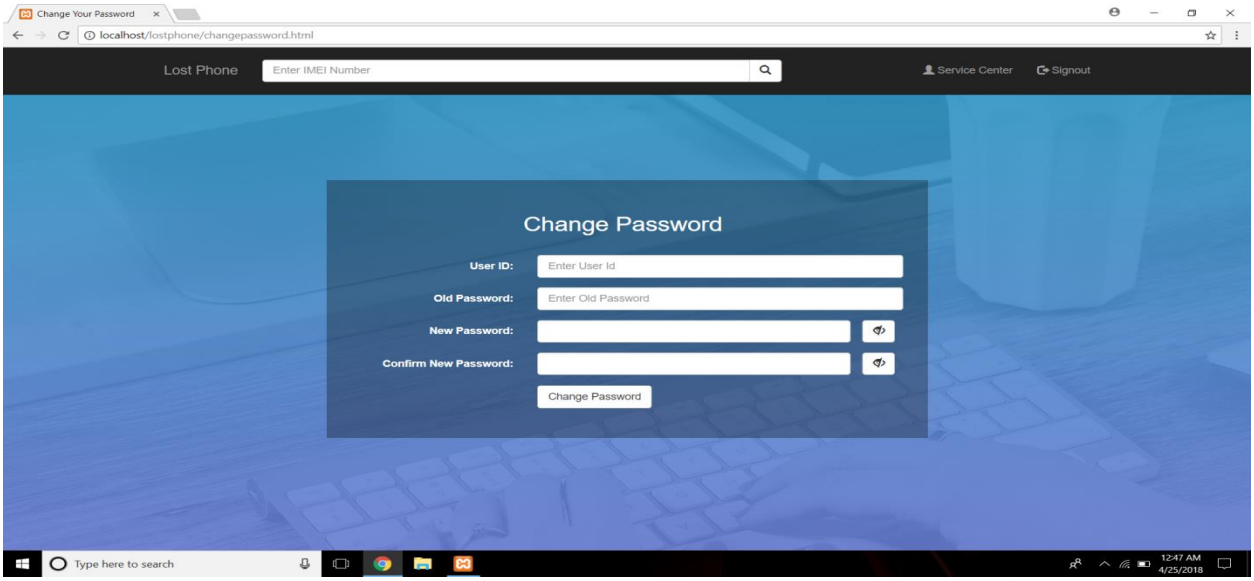

Fig 6.4.2 CHANGE PASSWORD

CHAPTER-7

CONCLUSION AND FUTURE WORK

7.1 CONCLUSION

It is concluded that the application works well and satisfies both registered and non-registered users. The application is tested very well and errors are properly debugged.
Our approach for implementing this project is we have implemented the Lost Phone Database. Our system comprises of main components such as of a Service center login, an admin login. The software system allows the user to create their profiles and upload all their details including their IMEI number of lost phone onto the system. The admin can check each phone as well as service center details.
In the whole hypothesis we are considering that if any phone has lost it's details in the centralized database so that no one can misused it and if any criminal want to unlock the phone he/she has to go to the service center and he/she got caught because of this database management.
In this Database management we are only considering authorized service centers and service center has it's own authentications so that any authorized service center can login and check the lost phone details using IMEI number. If service center wants to change the password it can.

7.2 SCOPE FOR FUTURE DEVELOPMENT

Every application has its own merits and demerits. The project has covered almost all the requirements. Further requirements and improvements can easily be done since the coding is mainly structured or modular in nature. Changing the existing modules or adding new modules can append improvements. Further enhancements can be made to the application, so that the system appears more attractive and user friendly than the present one.
The project is easily extensible and can be improved by further incremental releases of the same. We plan to focus on improving the overall performance of the system

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