### E-CENSUS: POPULATION MONITORING SYSTEM

A project submitted to the Bharathidasan University in partial fulfillment of the requirements for the award of the Degree of

### BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Submitted by

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Under the guidance of Dr. B. GAYATHRI, MCA, M. Phil, Ph.D. Assistant Professor



# UG DEPARTMENT OF COMPUTER SCIENCE (S.F) BISHOP HEBER COLLEGE (AUTONOMOUS)

(Nationally Reaccredited at the 'A' Grade by NAAC with the CGPA of 3.58 out of 4)

(Recognized by UGC as "College of Excellence")

(Affiliated to Bharathidasan University)

TIRUCHIRAPPALLI-620 017

**APRIL** -2021

### **DECLARATION**

I hereby declare that the project work presented is originally done by me under the guidance of Dr. B GAYATHRI, MCA, M. Phil, Ph.D. Assistant Professor, PG Department of Computer Science (S.F), Bishop Heber College (Autonomous), Tiruchirappalli-620 017 and has not been included in any other project submitted for any other degree.

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Date:

### **CERTIFICATE**

This is to certify that the project work entitled E-CENSUS: POPULATION MONITORING SYSTEM is a Bonafide record work done by C.VANISRI,195114636 in partial fulfillment of the requirements for the award of the degree of BACHELOR OF SCIENCE IN COMPUTER SCIENCE during the period 2019 - 2022.

Place:

Signature of the Guide



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University)

### TIRUCHIRAPPALLI - 620017

	Date:
Course Title: Project	Course Code: U18CSPS2
CERTIFIC	CATE
The Viva-Voce examination for the	e candidate C.VANISRI,
<b>195114636</b> was held on	
Signature of the HOD	Signature of the Guide
Examiners:	
1.	
2.	

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**C.VANISRI** 

### **ABSTRACT**

Online Population monitoring technology, over the internet has become an integral part of day to day life. It is a user-friendlier and widely accessible to users. An online census is the web-based application which allows respondents to complete the census via the internet. Government needs to survey the number of people in family and maintains the details with safe and secure. But today no any centralize mechanism with us to identify manpower's of specific type per requirement. So Online Population monitoring system helps to maintain the enumerator details in the database and reduces the workers. In this project helps to ensure the conduct of a good and credible census program throughout the nation. In this project user can register and login the system using his/her user name and password. After the login process he/she can update his/her profile like education, working and age details etc. the overall process is maintain and monitored by admin only. The admin can login the system using his/her username and password. After the login process he/she can view the user details and he/she can search the user details like education, working and age details etc.

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### 1. Project Description

### 1.1 Introduction

Population and housing censuses provide a wide range of statistical information on the population - persons, households and housing units. They allow detailed disaggregation of data by small geographic areas and small population groups. However, it is widely recognized that conducting a population and housing census is one of the most expensive and complex data collection operations, comprising of a series of many interrelated activities. The logistical effort required, and the difficulties encountered in contacting and collecting information on the whole population within a limited period of time, adds to the complexity. Recent advances in information and communication technology have changed how routine statistical business processes, such as enumeration area (EA) design, data capture and validation, data processing, and data dissemination, are being carried-out. The use of such technology has become an integral part of many census processes critical for improving the cost, guality (coverage, accuracy, timeliness) and efficiency of the census. The rapid expansion in mobile connectivity, and rapid progress in technological innovation more broadly (such as cloud computing, smart mobile devices, GPS, web GIS), provide new opportunities for increasing the quality and speed with which census data can be collected and the statistics produced. Hardware and software as well as mobile data networks are becoming cheaper and better, and infrastructure and capacity that enables effective deployments is increasingly available in all parts of the world. This means that the immense progress in connectivity (in terms of both speed and magnitude) and technology adoption has a large potential for modernizing and complementing traditional statistical collection. New approaches are allowing the collection of data with handheld electronic devices, the Internet and the telephone in a manner that is better, faster and potentially cheaper. The ability of population monitoring systems to instantly transmit data over mobile data networks provide a substantial advantage over more traditional procedures and allows data to be captured, inspected and validated shortly after it is collected, thus improving data quality. The online documentation system acts as the reference site for the network of SGR operators, who use it to access documentation material, such as manuals and legislative references, but also as an up-to-date information site for contents such as wiki and communications.

#### 1.2 Existing System

When the decision about the e-census was taken, it was however clear that, for organizational reasons and due to current Internet coverage, this electronic entry option could not replace the written postal questionnaire but merely complement it. The existing system had some disadvantages like the census made manually, in census data collecting process some information are missing by human error and also that was more time consuming process.

### 1.3 Proposed System

In proposed system, we will monitor census in easy way. The people just update their information in this website it will store in database. Whenever admin wants to know the census it will appear in front of him by clicking census button. These goals can be achieved only by designing and implementing a flexible architecture, which is based on balanced and replicated systems and uses a consolidated middleware infrastructure where components can be plugged easily and without massive code reworks.

### 2. Logical Development

### 2.1. DFDs

A two-dimensional diagram explains how data is processed and transferred in a system. The graphical depiction identifies each source of data and how it interacts with other data sources to reach a common output. Individuals seeking to draft a data flow diagram must identify external inputs and outputs, determine how the inputs and outputs relate to each other, and explain with graphics how these connections relate and what they result in. This type of diagram helps business development and design teams visualize how data is processed and identify or improve certain aspects.

### Data flow Symbols:

Symbol	Description
	An <b>entity</b> . A source of data or a destination for data.
	A <b>process</b> or task that is performed by the system.
	A data store, a place where data is held between processes.
	A data flow.

#### LEVEL 0

DFD Level 0 is also called a Context Diagram. It's a basic overview of the whole system or process being analyzed or modeled. It's designed to be an at-a-glance view, showing the system as a single high-level process, with its relationship to external entities. It should be easily understood by a wide audience, including stakeholders, business analysts, data analysts and developers.

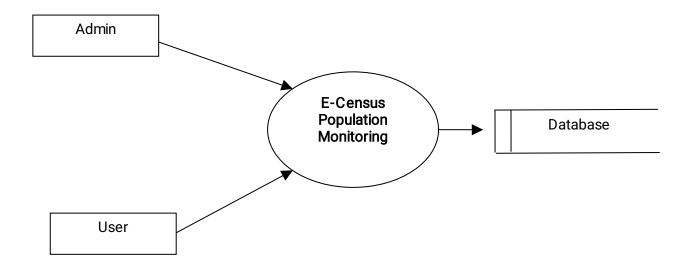
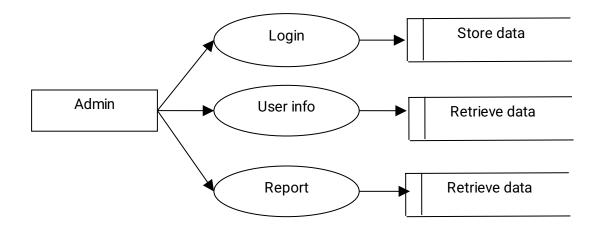
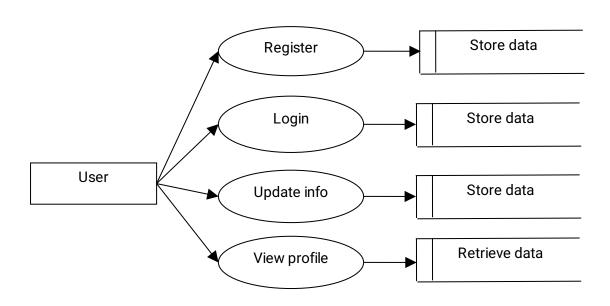


Fig 2.1DFD level 0

#### LEVEL 1

DFD Level 1 provides a more detailed breakout of pieces of the Context Level Diagram. You will highlight the main functions carried out by the system, as you break down the highlevel process of the Context Diagram into its sub – processes. A level 1 data flow diagram (DFD) is more detailed than a level 0 DFD but not as detailed as a level 2 DFD. It breaks down the main processes into sub processes that can then be analyzed and improved on a more intimate level.





### Fig 2.2 DFD level 1

#### 2.2. Architectural Design

A system architecture or systems architecture is the conceptual model that defines the structure, behavior, and more views of a system. An architecture description is a formal description and representation of a system, organized in a way that supports reasoning about the structures and behaviors of the system. System architecture can comprise system components, the externally visible properties of those components, the relationships (e.g. the behavior) between them. It can provide a plan from which products can be procured, and systems developed, that will work together to implement the overall system. There have been efforts to formalize languages to describe system architecture; collectively these are called architecture description languages (ADLs).

#### Various organizations define systems architecture in different ways, including:

- An allocated arrangement of physical elements which provides the design solution for a consumer product or life-cycle process intended to satisfy the requirements of the functional architecture and the requirements baseline.
- Architecture comprises the most important, pervasive, top-level, strategic inventions, decisions, and their associated rationales about the overall structure (i.e., essential elements and their relationships) and associated characteristics and behavior.
- If documented, it may include information such as a detailed inventory of current hardware, software and networking capabilities; a description of long-range plans and priorities for future purchases, and a plan for upgrading and/or replacing dated equipment and software.

An architecture diagram is a graphical representation of a set of concepts that are part of architecture, including their principles, elements and components. Architecture diagram can help system designers and developers visualize the high-level, overall structure of their system or application, in order to ensure the system meets their users' needs. Using architecture diagram, you can also describe patterns that are used throughout the design. It's somewhat like a blueprint that you use as a guide, so that you and your colleagues can discuss, improve and follow.

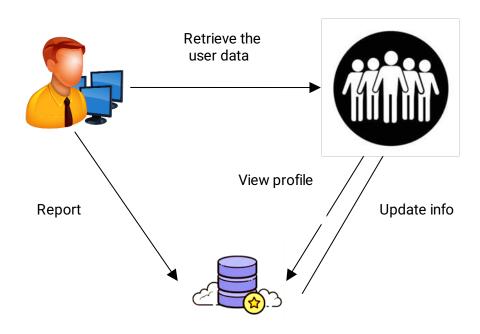


Fig 2.2.1 Architecture Diagram

## 3. Database design

### 3.1. Data Dictionary

Field	Description	Example
id	id	4577
uname	Username	siva
education	Education	pg
birth	Date of birth	1-2-1995
age	Age	25
gender	Gender	female
anual_income	Annual Income	1,20,000
occupation	Occupation	Bank officer
language	Language known	Tamil
marital_status	Marital status	unmarried
household	Household	3
family	Family	Nuclear
image	User image	lmage.jpg
email	Email address	siva@gmail.com
address	Address	trichy
contact	Phone number	8455554587
password	password	***

## 3.2. Tables Design

### 3.2.1User registration

Field	Туре	Null	Default	
id	int(100)	Yes	NULL	
name	varchar(100)	Yes	NULL	
contact	varchar(100)	Yes	NULL	
email	varchar(100)	Yes	NULL	
address	varchar(100)	Yes	NULL	
username	varchar(100)	Yes	NULL	
password	varchar(100)	Yes	NULL	
status	varchar(100)	Yes	NULL	
report	varchar(100)	Yes	NULL	

### 3.2.2 User Profile

Field	Туре	Null	Default
id	int(100)	Yes	NULL
uname	varchar(100)	Yes	NULL
education	varchar(100)	Yes	NULL
birth	varchar(100)	Yes	NULL
age	varchar(100)	Yes	NULL
gender	varchar(100)	Yes	NULL
anual_income	varchar(100)	Yes	NULL
occupation	varchar(100)	Yes	NULL
language	varchar(100)	Yes	NULL
marital_status	varchar(100)	Yes	NULL
household	varchar(100)	Yes	NULL
family	varchar(100)	Yes	NULL
image	varchar(100)	Yes	NULL
status	varchar(100)	Yes	NULL
report	varchar(100)	Yes	NULL

### 3.3. Relationship Diagram

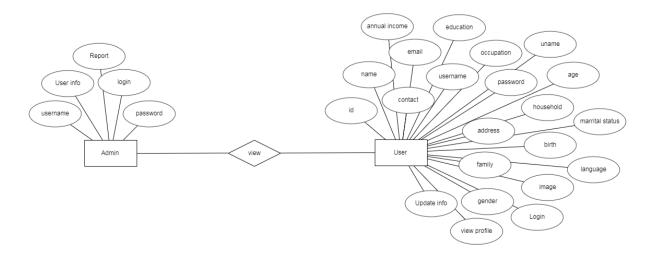


Fig 3.3 ER diagram

### 4. Program Design

Program design is the activity of progressing from a specification of some required program to a description of the program itself. Most phase models of the software life cycle recognize program designs one of the phase. The input to this phase specification of what the program is required to do. During the phase the design decisions are made as to how the program will meet these requirements, and the output of the phase is a description of the program in some form that provides a suitable basis for subsequent implementation.

The project has the following modules,

#### Admin

- Login
- User info
- Report

#### User

- Register
- Login
- Update info
- View Profile

### **Modules Description**

#### Admin login

Admin is the super user of the system. Admin will manage and maintain the entire systems which are added. Admin have a unique username and password. Thus using it admin will login into the system.

#### User info

Admin can view the user using his/her email id. Enter the emailed and give submit, it can view the details of that user such as education, birth, marital status, occupation ,.etc.

### Report

In this module admin can view the important details of whole users who has updated their information such as id, name, emailid, contact and address.

#### Register

In register module users are register here to create username and password to login the system using name, email, contact, username and password.

### Login

Users have unique username and password who had register. Give their username and password to login into the system for update and edit the details.

### Updated info

In updated info module user can create a profile using their personal details such as education, birth, age, gender, occupation, language, marital status, etc.

#### View profile

In this module user can view the created profile. Then if any informations are wrong or incorrect in created profile user can edit the details using edit button.

### 5. Testing

#### **Testing**

Testing is a series of different tests that whose primary purpose is to fully exercise the computer based system. Although each test has a different purpose, all work should verify that all system element have been properly integrated and performed allocated function. Testing is the process of checking whether the developed system works according to the actual requirement and objectives of the system. The philosophy behind testing is to find the errors. A good test is one that has a high probability of finding an undiscovered error. A successful test is one that uncovers the undiscovered error. Test cases are devised with this purpose in mind. A test case is a set of data that the system will process as an input.

#### System testing

After a system has been verified, it needs to be thoroughly tested to ensure that every component of the system is performing in accordance with the specific requirements and that it is operating as it should including when the wrong functions are requested or the wrong data is introduced.

Testing measures consist of developing a set of test criteria either for the entire system or for specific hardware, software and communications components. For an important and sensitive system such as an electronic voting system, a structured system testing program may be established to ensure that all aspects of the system are thoroughly tested.

Testing measures that could be followed include:

- Applying functional tests to determine whether the test criteria have been met
- Applying qualitative assessments to determine whether the test criteria have been met.
- Conducting tests in "laboratory" conditions and conducting tests in a variety of "real life" conditions.
- Conducting tests over an extended period of time to ensure systems can perform consistently.
- Conducting "load tests", simulating as close as possible likely conditions
  while using or exceeding the amounts of data that can be expected to be
  handled in an actual situation.

Test measures for hardware may include:

- Applying "non-operating" tests to ensure that equipment can stand up to expected levels of physical handling.
- Testing "hard wired" code in hardware (firmware) to ensure its logical correctness and that appropriate standards are followed.

Tests for software components also include:

- Testing all programs to ensure its logical correctness and that appropriate design, development and implementation standards have been followed.
- Conducting "load tests", simulating as close as possible a variety of "real life" conditions using or exceeding the amounts of data that could be expected in an actual situation.
- Verifying that integrity of data is maintained throughout its required manipulation.

### **Unit testing**

The first test in the development process is the unit test. The <u>source code</u> is normally divided into modules, which in turn are divided into smaller units called units. These units have specific behavior. The test done on these units of code is called unit test. Unit test depends upon the language on which the project is developed.

Unit tests ensure that each unique path of the project performs accurately to the documented specifications and contains clearly defined inputs and expected <u>results</u>. Functional and reliability test in an Engineering environment, producing tests for the behavior of components (nodes and vertices) of a product to ensure their correct behavior prior to system integration.

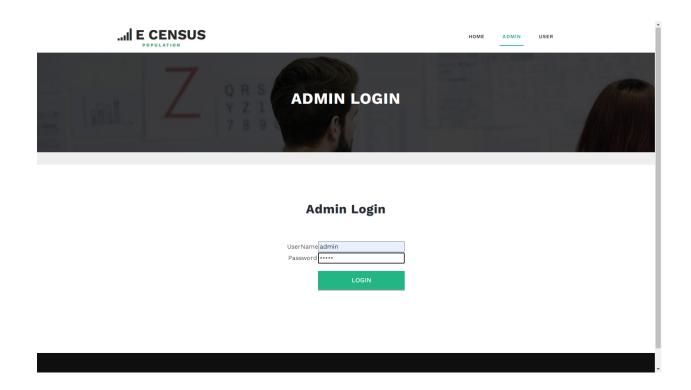
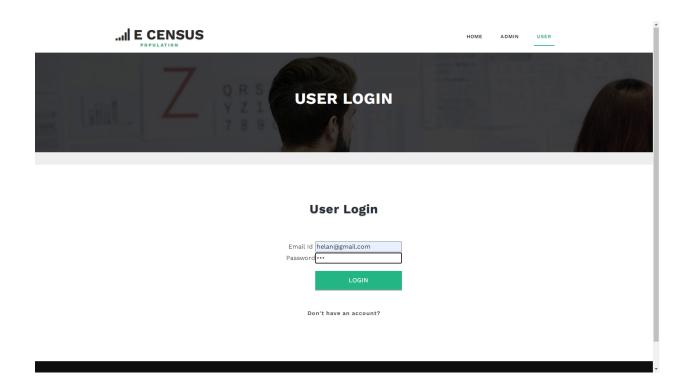


Fig 5.1Unit testing

### Integration testing

Testing is which modules are combined and tested as a group. Modules are typically code modules, individual applications, source and destination applications on a network, etc. Integration Testing follows unit testing and precedes system testing. Testing after the product is code complete. Betas are often widely distributed or even distributed to the public at large in hopes that they will buy the final product when it is release.



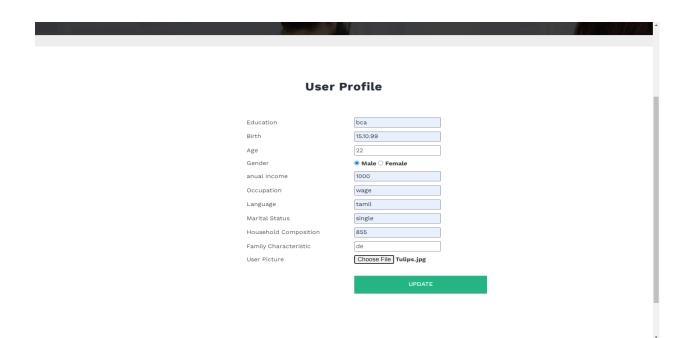


Fig 5.2 Integrating testing

#### **Validation Testing**

Validation testing is testing where tester performed functional and non-functional testing. Here functional testing includes Unit Testing (UT), Integration Testing (IT) and System Testing (ST), and non-functional testing includes User acceptance testing (UAT). Validation testing is also known as dynamic testing, where we are ensuring that "we have developed the product right." And it also checks that the software meets the business needs of the client. It is a process of checking the software during or at the end of the development cycle to decide whether the software follow the specified business requirements. We can validate that the user accepts the product or not.

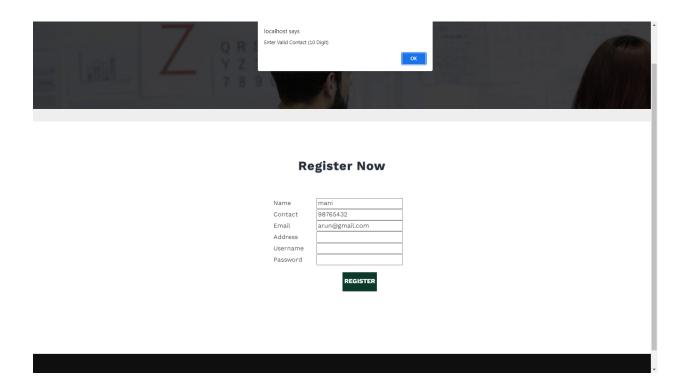


Fig 5.3 Validation testing

### 6. Conclusion

In this project, a user friendly and menu driven web application software for the selected E-Census Population Monitoring system has been designed and implemented using php environment. The "E-Census Population Monitoring system" was successfully designed and is tested for accuracy and quality. The developed will be used in searching, retrieving and generating information for the concerned requests. It can be summarizing that the future scope of the project circles around maintaining information regarding: 1.We can add advance software for E -Census Population Monitoring system including more facilities. 2.We will host the platform on online servers to make it accessible worldwide.

### 7. References

#### **Book references**

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- b) Lynn Beighley, Michael Morrison, "Head First PHP and MySQL", 2008.
- c) <u>Davey Shafik</u>, <u>Lorna Mitchell</u>, <u>Matthew Turland</u>, "PHP Master-Write Cutting Edge Code", 2011.
- d) Andrea Tarr, "PHP and MySQL 24-Hour Trainer", 2011
- e) <u>Logan Pratt</u>, "PHP- An Essential Beginners Guide to Learn the Realms of PHP From A-Z", 20 January 2020.

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- 1. https://study.com/academy/lesson/what-is-php-used-for-uses-advantages.html
- 2. https://www.w3schools.in/php/intro/
- 3. https://techterms.com/definition/php
- 4. https://www.bitdegree.org/learn/what-is-php
- 5. https://www.dummies.com/programming/php/the-structure-of-a-php-script/

### 8. Appendix

#### 8.1. Source Code

```
Home
<!DOCTYPE html>
<html>
<head>
<title><?php include("include/title.php");?></title>
<!--/tags -->
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="keywords" content="Soft Responsive web template, Bootstrap Web</p>
Templates, Flat Web Templates, Android Compatible web template,
Smartphone Compatible web template, free webdesigns for Nokia, Samsung, LG,
SonvEricsson, Motorola web design" />
<script type="application/x-javascript">
addEventListener("load", function () {
setTimeout(hideURLbar, 0);
}, false);
function hideURLbar() {
window.scrollTo(0, 1);
}
</script>
<!--//tags -->
k href="css/bootstrap.css" rel="stylesheet" type="text/css" media="all" />
k href="css/style.css" rel="stylesheet" type="text/css" media="all" />
k href="css/font-awesome.css" rel="stylesheet">
<!-- //for bootstrap working -->
k href="//fonts.googleapis.com/css?family=Work+Sans:200,300,400,500,600,700"
rel="stylesheet">
k
href='//fonts.googleapis.com/css?family=Lato:400,100,100italic,300,300italic,400italic,
700,900,900 italic,700 italic'
rel='stylesheet' type='text/css'>
</head>
<body>
<!-- header -->
<div class="header" id="home">
<div class="content white agile-info">
<nav class="navbar navbar-default" role="navigation">
<div class="container">
<div class="navbar-header">
```

```
<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#bs-</pre>
example-navbar-collapse-1">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a class="navbar-brand" href="#">
<?php include("include/title_tab.php");?>
</div>
<!--/.navbar-header-->
<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
<nav class="link-effect-2" id="link-effect-2">
ul class="nav navbar-nav">
<a href="index.php" class="effect-3">Home</a>
<a href="admin.php" class="effect-3">Admin</a>
<a href="user.php" class="effect-3">User</a>
</nav>
</div>
<!--/.navbar-collapse-->
<!--/.navbar-->
</div>
</nav>
</div>
</div>
<!-- banner -->
<div id="myCarousel" class="carousel slide" data-ride="carousel">
<!-- Indicators -->
class="carousel-indicators">
data-target="#myCarousel" data-slide-to="0" class="active">
data-target="#myCarousel" data-slide-to="1" class="">
data-target="#myCarousel" data-slide-to="2" class="">
data-target="#myCarousel" data-slide-to="3" class="">
</0|>
<div class="carousel-inner" role="listbox">
<div class="item active">
<div class="container">
<div class="carousel-caption">
<h3>E Census <span>Population.</span></h3>
</div>
</div>
```

```
</div>
<div class="item item2">
<div class="container">
<div class="carousel-caption">
<h3>E Census <span>Population.</span></h3>
</div>
</div>
</div>
<div class="item item3">
<div class="container">
<div class="carousel-caption">
<h3>E Census <span>Population.</span></h3>
</div>
</div>
</div>
<div class="item item4">
<div class="container">
<div class="carousel-caption">
<h3>E Census <span>Population.</span></h3>
</div>
</div>
</div>
</div>
<a class="left carousel-control" href="#myCarousel" role="button" data-slide="prev">
<span class="fa fa-chevron-left" aria-hidden="true"></span>
<span class="sr-only">Previous</span>
</a>
<a class="right carousel-control" href="#myCarousel" role="button" data-slide="next">
<span class="fa fa-chevron-right" aria-hidden="true"></span>
<span class="sr-only">Next</span>
</a>
<!-- The Modal -->
</div>
<!--//banner -->
<!--/search_form --><!-- //banner-bottom --><!-- services -->
<!-- //services -->
<!-- /mid-services -->
<div class="mid_services">
```

```
<div class="clearfix"> </div>
</div>
<!-- //mid-services --><!-- //testimonials --><!-- footer -->
<div class="footer_w3ls">
<div class="container">
<div class="footer_bottom">
<div class="col-md-9 footer_bottom_grid">
<div class="footer_bottom1">
A@<?php echo (date("Y"));?>. All rights reserved | Design by <a
href="#">Admin</a>
</div>
</div>
<div class="clearfix"> </div>
</div>
</div>
</div>
<!-- //footer -->
<a href="#home" class="scroll" id="toTop" style="display: block;"> <span id="toTopHover"</p>
style="opacity: 1;"> </span></a>
<!-- js -->
<script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
<script type="text/javascript" src="js/bootstrap.js"></script>
</body>
</html>
Admin login
<?php
include("include\dbconnect.php");
extract($_POST);
session_start();
?>
<!DOCTYPE html>
<html>
<head>
<title><?php include("include/title.php");?></title>
<!--/tags -->
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="keywords" content="Soft Responsive web template, Bootstrap Web</p>
Templates, Flat Web Templates, Android Compatible web template,
Smartphone Compatible web template, free webdesigns for Nokia, Samsung, LG,
SonyEricsson, Motorola web design" />
<script type="application/x-javascript">
addEventListener("load", function () {
setTimeout(hideURLbar, 0);
}, false);
function hideURLbar() {
window.scrollTo(0, 1);
</script>
<!--//tags -->
k href="css/bootstrap.css" rel="stylesheet" type="text/css" media="all" />
k href="css/style.css" rel="stylesheet" type="text/css" media="all" />
k href="css/font-awesome.css" rel="stylesheet">
<!-- //for bootstrap working -->
k href="//fonts.googleapis.com/css?family=Work+Sans:200,300,400,500,600,700"
rel="stylesheet">
link
href='//fonts.googleapis.com/css?family=Lato:400,100,100italic,300,300italic,400italic,
700,900,900 italic,700 italic'
rel='stylesheet' type='text/css'>
</head>
<body>
<!-- header -->
<div class="header" id="home">
<div class="content white agile-info">
<nav class="navbar navbar-default" role="navigation">
<div class="container">
<div class="navbar-header">
<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#bs-</p>
example-navbar-collapse-1">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a class="navbar-brand" href="index.html">
<?php include("include/title_tab.php");?>
</a>
</div>
```

```
<!--/.navbar-header-->
<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
<nav class="link-effect-2" id="link-effect-2">
ul class="nav navbar-nav">
<a href="admin_home.php" class="effect-3">Home</a>
<a href="admin_user.php" class="effect-3">User Info</a>
<a href="admin_report.php" class="effect-3">Report</a>
<a href="index.php" class="effect-3">Logout</a>
</nav>
</div>
<!--/.navbar-collapse-->
<!--/.navbar-->
</div>
</nav>
</div>
</div>
<!-- banner -->
<div class="inner_page_agile">
<h3>Admin</h3>
</div>
<!--//banner -->
<!--/w3 short-->
<div class="services-breadcrumb_w3layouts">
<div class="inner_breadcrumb">
ul class="short_w3ls"_w3ls>
</div>
</div>
<!--//w3_short-->
<!-- /inner content -->
<div class="inner_content_info_agileits">
<div class="container">
<div class="tittle head w3ls">
<h3 class="tittle three">Admin Home </h3>
<div class="inner_sec_grids_info_w3ls">
<div class="signin-form">
<div class="login-form-rec">
<form action="#" method="post">
```

```
</form>
</div>
<div class="login-social-grids">
</div>
</div>
</div>
</div>
</div>
<div class="footer w3ls">
<div class="container">
<div class="footer_bottom">
<div class="col-md-9 footer_bottom_grid">
<div class="footer_bottom1">
A© <?php echo (date("Y"));?>. All rights reserved | Design by <a
href="#">Admin</a>
</div>
</div>
<div class="clearfix"> </div>
</div>
</div>
</div>
<!-- //footer -->
<a href="#home" class="scroll" id="toTop" style="display: block;"> <span id="toTopHover"</p>
style="opacity: 1;"> </span></a>
<!-- is -->
<script type="text/javascript" src="js/jquery-2.14.min.js"></script>
<!-- password-script -->
<script type="text/javascript">
window.onload = function () {
document.getElementById("password1").onchange = validatePassword;
document.getElementById("password2").onchange = validatePassword;
}
function validatePassword() {
var pass2 = document.getElementById("password2").value;
var pass1 = document.getElementById("password1").value;
if (pass1!= pass2)
document.getElementById("password2").setCustomValidity("Passwords Don't Match");
else
document.getElementById("password2").setCustomValidity(");
//empty string means no validation error
```

```
</script>
<!-- //password-script -->
<script type="text/javascript" src="js/bootstrap.js"></script>
</body>
</html>
User Register
<?php
include("include\dbconnect.php");
extract($_POST);
if(isset($btn))
$name=$_REQUEST['name'];
$contact=$_REQUEST['contact'];
$email=$_REQUEST['email'];
$address=$_REQUEST['address'];
$username=$_REQUEST['username'];
$password=$_REQUEST['password'];
$sql = "SELECT id FROM user_details order by id ASC";
$sid=0;
$result = $conn->query($sql);
while($row = $result->fetch_assoc())
$sid=$row['id'];
$sid=$sid+1;
$qrys1="insert into user_details
values($sid, $name', $contact', $email', $address', $username', $password', '0', '0')";
if ($conn->query($qrys1) === TRUE) {
<script language="javascript" type="text/javascript">
alert("Registration Successfully");
window.location.href="user.php";
</script>
<?php
}
else
```

```
?>
<script language="javascript" type="text/javascript">
alert("Failed");
</script>
<?php
$conn->close();
?>
<!DOCTYPE html>
<html>
<head>
<title><?php include("include/title.php");?></title>
<!--/tags -->
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="keywords" content="Soft Responsive web template, Bootstrap Web</p>
Templates, Flat Web Templates, Android Compatible web template,
Smartphone Compatible web template, free webdesigns for Nokia, Samsung, LG,
SonyEricsson, Motorola web design" />
<script type="application/x-javascript">
addEventListener("load", function () {
setTimeout(hideURLbar, 0);
}, false);
function hideURLbar() {
window.scrollTo(0, 1);
}
</script>
<!--//tags -->
k href="css/bootstrap.css" rel="stylesheet" type="text/css" media="all" />
k href="css/style.css" rel="stylesheet" type="text/css" media="all" />
k href="css/font-awesome.css" rel="stylesheet">
<!-- //for bootstrap working -->
k href="//fonts.googleapis.com/css?family=Work+Sans:200,300,400,500,600,700"
rel="stylesheet">
link
href='//fonts.googleapis.com/css?family=Lato:400,100,100italic,300,300italic,400italic,
700,900,900 italic,700 italic'
rel='stylesheet' type='text/css'>
<script>
function validateForm() {
```

```
let x = document.forms["form1"]["name"].value;
if (x == "")
alert("Enter Name");
return false:
let x1 = document.forms["form1"]["contact"].value;
if (x1 == "")
alert("Enter Contact");
return false;
if(x 1.length > 10 \parallel x 1.length < 10)
alert("Enter Valid Contact (10 Digit)");
return false;
var numbers =0;
if(x1.value.match(numbers))
alert("Enter Valid Number Format");
return false;
</script>
</head>
<body>
<!-- header -->
<div class="header" id="home">
<div class="content white agile-info">
<nav class="navbar navbar-default" role="navigation">
<div class="container">
<div class="navbar-header">
<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#bs-</pre>
example-navbar-collapse-1">
```

```
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a class="navbar-brand" href="index.html">
<?php include("include/title_tab.php");?>
</a>
</div>
<!--/.navbar-header-->
<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
<nav class="link-effect-2" id="link-effect-2">
ul class="nav navbar-nav">
<a href="index.php" class="effect-3">Home</a>
<a href="admin.php" class="effect-3">Admin</a>
<a href="user.php" class="effect-3">User</a>
</nav>
</div>
<!--/.navbar-collapse-->
<!--/.navbar-->
</div>
</nav>
</div>
</div>
<!-- banner -->
<div class="inner_page_agile">
<h3>User Login</h3>
</div>
<!--//banner -->
<!--/w3 short-->
<div class="services-breadcrumb_w3layouts">
<div class="inner breadcrumb">
ul class="short_w3ls"_w3ls>
</div>
</div>
<!--//w3_short-->
<!-- /inner content -->
<div class="inner_content_info_agileits">
<div class="container">
```

```
<div class="tittle_head_w3ls">
<h3 class="tittle three">Register Now </h3>
</div>
<div class="inner_sec_grids_info_w3ls">
<div class="signin-form">
<form name="form1" method="post" action="" onsubmit="return validateForm()">
<div align="left">Name</div>
<input name="name" type="text" id="name">
                                             <div align="left">Contact</div>
<input name="contact" type="number" id="contact">
<div align="left">Email</div>
<input name="email" type="email" id="email" required="">
<div align="left">Address</div>
<input name="address" type="text" id="address">
<div align="left">Username</div>
input name="username" type="text" id="username">
<div align="left">Password</div>
<input name="password" type="password" id="password">
<
<input name="btn" type="submit" id="btn" value=" Register ">
</label>
<
<
</form>
<div class="login-social-grids">
```

```
</div>
</div>
</div>
</div>
</div>
<div class="footer_w3ls">
<div class="container">
<div class="footer bottom">
<div class="col-md-9 footer_bottom_grid">
<div class="footer_bottom1">
A© <?php echo (date("Y"));?>. All rights reserved | Design by <a
href="#">Admin</a>
</div>
</div>
<div class="clearfix"> </div>
</div>
</div>
</div>
<!-- //footer -->
<a href="#home" class="scroll" id="toTop" style="display: block;"> <span id="toTopHover"
style="opacity: 1;"> </span></a>
<!-- js -->
<script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
<!-- password-script -->
<script type="text/javascript">
window.onload = function () {
document.getElementById("password1").onchange = validatePassword;
document.getElementById("password2").onchange = validatePassword;
function validatePassword() {
var pass2 = document.getElementById("password2").value;
var pass1 = document.getElementById("password1").value;
if (pass1!= pass2)
document.getElementById("password2").setCustomValidity("Passwords Don't Match");
else
document.getElementById("password2").setCustomValidity(");
//empty string means no validation error
</script>
<!-- //password-script -->
<script type="text/javascript" src="js/bootstrap.js"></script>
```

```
</body>
</html>
Updated Info
<?php
include("include\dbconnect.php");
extract($_POST);
session_start();
$uname=$_SESSION['un'];
if(isset($btn1))
$education=$_REQUEST['education'];
$birth=$_REQUEST['birth'];
$age=$_REQUEST['age'];
$gender=$_REQUEST['gender'];
$anual_income=$_REQUEST['anual_income'];
$occupation=$_REQUEST['occupation'];
$language=$_REQUEST['language'];
$marital_status=$_REQUEST['marital_status'];
$household=$_REQUEST['household'];
$family=$_REQUEST['family'];
$fname1=$_FILES["file"]["name"];
$tempname = $_FILES["file"]["tmp_name"];
move_uploaded_file($_FILES["file"]["tmp_name"],"upload/".$fname1);
if($fname1=="")
else
$image=$fname1;
echo $up_fees="update user_profile set
education='$education',birth='$birth',age='$age',gender='$gender',anual_income='$anual
_income',occupation='$occupation',language='$language',marital_status='$marital_status',
household='$household',family='$family',image='$image' where uname='$uname'";
//header("Location:user_profile_1.php?id=".$id);
if($conn->query($up_fees) === TRUE){
?>
```

```
<script language="javascript">
alert("Update Success");
window.location.href="user_profile.php";
</script>
<?php
}
else
{?>
<script language="javascript">
alert("Failed");
// window.location.href="user_profile_1.php";
</script>
<?php
$uname=$_SESSION['un'];
$education=$_SESSION['education'];
$birth=$_SESSION['birth'];
$age=$_SESSION['age'];
$gender=$_SESSION['gender'];
$anual_income=$_SESSION['anual_income'];
$occupation=$_SESSION['occupation'];
$language=$_SESSION['language'];
$marital_status=$_SESSION['marital_status'];
$household=$_SESSION['household'];
$family=$_SESSION['family'];
$image=$_SESSION['image'];
?>
<!DOCTYPE html>
<html>
<head>
<title><?php include("include/title.php");?></title>
<!--/tags -->
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="keywords" content="Soft Responsive web template, Bootstrap Web</p>
Templates, Flat Web Templates, Android Compatible web template,
Smartphone Compatible web template, free webdesigns for Nokia, Samsung, LG,
SonyEricsson, Motorola web design" />
<script type="application/x-javascript">
```

```
addEventListener("load", function () {
setTimeout(hideURLbar, 0);
}, false);
function hideURLbar() {
window.scrollTo(0, 1);
</script>
<!--//tags -->
k href="css/bootstrap.css" rel="stylesheet" type="text/css" media="all" />
k href="css/style.css" rel="stylesheet" type="text/css" media="all" />
k href="css/font-awesome.css" rel="stylesheet">
<!-- //for bootstrap working -->
k href="//fonts.googleapis.com/css?family=Work+Sans:200,300,400,500,600,700"
rel="stylesheet">
link
href='//fonts.googleapis.com/css?family=Lato:400,100,100italic,300,300italic,400italic,
700,900,900 italic,700 italic'
rel='stylesheet' type='text/css'>
</head>
<body>
<!-- header -->
<div class="header" id="home">
<div class="content white agile-info">
<nav class="navbar navbar-default" role="navigation">
<div class="container">
<div class="navbar-header">
<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#bs-</pre>
example-navbar-collapse-1">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a class="navbar-brand" href="index.html">
<?php include("include/title_tab.php");?>
</a>
</div>
<!--/.navbar-header-->
<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
<nav class="link-effect-2" id="link-effect-2">
ul class="nav navbar-nav">
<a href="user_home.php" class="effect-3">Home</a>
```

```
<a href="user_info.php" class="effect-3">Profile</a>
<a href="user_profile.php" class="effect-3">Info</a>
<a href="index.php" class="effect-3">Logout</a>
</nav>
</div>
<!--/.navbar-collapse-->
<!--/.navbar-->
</div>
</nav>
</div>
</div>
<!-- banner -->
<div class="inner_page_agile">
<h3>User</h3>
</div>
<!--//banner -->
<!--/w3_short-->
<div class="services-breadcrumb_w3layouts">
<div class="inner_breadcrumb">
ul class="short_w3ls"_w3ls>
</div>
</div>
<!--//w3_short-->
<!-- /inner_content -->
<div class="inner_content_info_agileits">
<div class="container">
<div class="tittle_head_w3ls">
<h3 class="tittle three">User Information </h3>
</div>
<div class="inner_sec_grids_info_w3ls">
<div class="signin-form">
<div class="login-form-rec">
<form action="#" method="post" enctype="multipart/form-data">
<div align="left">Education</div>
<div align="left">
<input name="education" type="text" id="education" required="" value="<?php echo
$education;?>">
</div>
```

```
<div align="left">Birth</div>
= "left">
<input name="birth" type="text" id="birth" required="" value="<?php echo $birth;?>">
</div>
<div align="left">Age</div>
="left">
<input name="age" type="text" id="age" required="" value="<?php echo $age;?>">
</div>
<div align="left">Gender</div>
"left">
<input name="gender" type="text" id="gender" required="" value="<?php echo
$gender;?>">
</div>
<div align="left">anual Income </div>
= "left">
<input name="anual_income" type="text" id="anual_income" required="" value="<?php
echo $anual_income;?>">
</div>
<div align="left">O ccupation</div>
<fd">
<input name="occupation" type="text" id="occupation" required="" value="<?php echo
$occupation;?>">
</div>
<div align="left">Language</div>
="left">
<input name="language" type="text" id="language" required="" value="<?php echo
$language;?>">
</div>
<div align="left">Marital Status </div>
="left">
<input name="marital_status" type="text" id="marital_status" required="" value="<?php</pre>
echo $marital_status;?>">
```

```
</div>
<div align="left">Household Composition </div>
<fd">
<input name="household" type="text" id="household" required="" value="<?php echo
$household;?>">
</div>
<div align="left">Family Characteristic </div>
<fd>"left">
<input name="family" type="text" id="family" required="" value="<?php echo $family;?>">
</div>
<div align="left">User Picture </div>
<div align="left">
<img src="upload/<?php echo $image;?>" width="50" height="50">
>
<label>
<input name="image" type="text" id="$image" value="<?php echo $image;?>">
</label>
</div>
               <
<label>
<input type="file" name="file">
</label>
<input name="btn1" type="submit" id="btn1" value="Update">
                                                       <
>
```

```
</form>
</div>
<div class="login-social-grids">
</div>
</div>
</div>
</div>
</div>
<div class="footer_w3ls">
<div class="container">
<div class="footer_bottom">
<div class="col-md-9 footer_bottom_grid">
<div class="footer_bottom1">
© <?php echo (date("Y"));?>. All rights reserved | Design by <a
href="#">Admin</a>
</div>
</div>
<div class="clearfix"> </div>
</div>
</div>
</div>
<!-- //footer -->
<a href="#home" class="scroll" id="toTop" style="display: block;"> <span id="toTopHover"</p>
style="opacity: 1;"> </span></a>
<!-- is -->
<script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
<!-- password-script -->
<script type="text/javascript">
window.onload = function () {
document.getElementById("password1").onchange = validatePassword;
document.getElementById("password2").onchange = validatePassword;
function validatePassword() {
var pass2 = document.getElementById("password2").value;
var pass1 = document.getElementById("password1").value;
if (pass1!= pass2)
document.getElementById("password2").setCustomValidity("Passwords Don't Match");
else
```

```
document.getElementById("password2").setCustomValidity(");
//empty string means no validation error
</script>
<!-- //password-script -->
<script type="text/javascript" src="js/bootstrap.js"></script>
</body>
</html>
Report
<?php
include("include\dbconnect.php");
extract($_POST);
session_start();
?>
<!DOCTYPE html>
<html>
<head>
<title><?php include("include/title.php");?></title>
<!--/tags -->
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="keywords" content="Soft Responsive web template, Bootstrap Web</p>
Templates, Flat Web Templates, Android Compatible web template,
Smartphone Compatible web template, free webdesigns for Nokia, Samsung, LG,
SonyEricsson, Motorola web design" />
<script type="application/x-javascript">
addEventListener("load", function () {
setTimeout(hideURLbar, 0);
}, false);
function hideURLbar() {
window.scrollTo(0, 1);
}
</script>
<!--//tags -->
k href="css/bootstrap.css" rel="stylesheet" type="text/css" media="all" />
k href="css/style.css" rel="stylesheet" type="text/css" media="all" />
k href="css/font-awesome.css" rel="stylesheet">
<!-- //for bootstrap working -->
k href="//fonts.googleapis.com/css?family=Work+Sans:200,300,400,500,600,700"
```

```
rel="stylesheet">
k
href='//fonts.googleapis.com/css?family=Lato:400,100,100italic,300,300italic,400italic,
700,900,900 italic,700 italic'
rel='stylesheet' type='text/css'>
</head>
<body>
<!-- header -->
<div class="header" id="home">
<div class="content white agile-info">
<nav class="navbar navbar-default" role="navigation">
<div class="container">
<div class="navbar-header">
<button type="button" class="navbar-toggle" data-toggle="collapse" data-target="#bs-
example-navbar-collapse-1">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a class="navbar-brand" href="index.html">
<?php include("include/title_tab.php");?>
</a>
</div>
<!--/.navbar-header-->
<div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
<nav class="link-effect-2" id="link-effect-2">
ul class="nav navbar-nav">
<a href="admin_home.php" class="effect-3">Home</a>
<a href="admin_user.php" class="effect-3">User Info</a>
 <a href="admin_report.php" class="effect-3">Report</a>
<a href="index.php" class="effect-3">Logout</a>
</nav>
</div>
<!--/.navbar-collapse-->
<!--/.navbar-->
</div>
</nav>
</div>
</div>
<!-- banner -->
<div class="inner_page_agile">
<h3>Admin</h3>
```

```
</div>
<!--//banner -->
<!--/w3_short-->
<div class="services-breadcrumb_w3layouts">
<div class="inner_breadcrumb">
ul class="short_w3ls"_w3ls>
</div>
</div>
<!--//w3 short-->
<!-- /inner_content -->
<div class="inner_content_info_agileits">
<div class="container">
<div class="tittle_head_w3ls">
<h3 class="tittle three">Report</h3>
</div>
<div class="inner_sec_grids_info_w3ls">
<div class="signin-form">
<div class="login-form-rec">
<form action="#" method="post">
 
 Id 
Name
Contact
Email
Address
<?php
$qrys1="select * from user_details";
$result = $conn->query($qrys1);
while($row = $result->fetch_assoc())
{
?>
<?php echo $row['id'];?>
<?php echo $row['name'];?>
<?php echo $row['contact'];?>
```

```
<?php echo $row['email'];?>
<?php echo $row['address'];?>
<?php
}
?>
 
</form>
</div>
<div class="login-social-grids">
</div>
</div>
</div>
</div>
</div>
<div class="footer w3ls">
<div class="container">
<div class="footer_bottom">
<div class="col-md-9 footer_bottom_grid">
<div class="footer_bottom1">
© <?php echo (date("Y"));?>. All rights reserved | Design by <a
href="#">Admin</a>
</div>
</div>
<div class="clearfix"> </div>
</div>
</div>
</div>
<!-- //footer -->
<a href="#home" class="scroll" id="toTop" style="display: block;"> <span id="toTopHover"</p>
style="opacity: 1;"> </span></a>
<!-- is -->
<script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
<!-- password-script -->
<script type="text/javascript">
window.onload = function () {
document.getElementById("password1").onchange = validatePassword;
document.getElementById("password2").onchange = validatePassword;
```

```
function validatePassword() {
  var pass2 = document.getElementById("password2").value;
  var pass1 = document.getElementById("password1").value;
  if (pass1!= pass2)
  document.getElementById("password2").setCustomValidity("Passwords Don't Match");
  else
  document.getElementById("password2").setCustomValidity(");
  //empty string means no validation error
}
  </script>
  <!-- //password-script -->
    <script type="text/javascript" src="js/bootstrap.js"></script>
  </body>
  </html>
```

## 8.2. O/P Screens



Fig 8.2.1 Home page

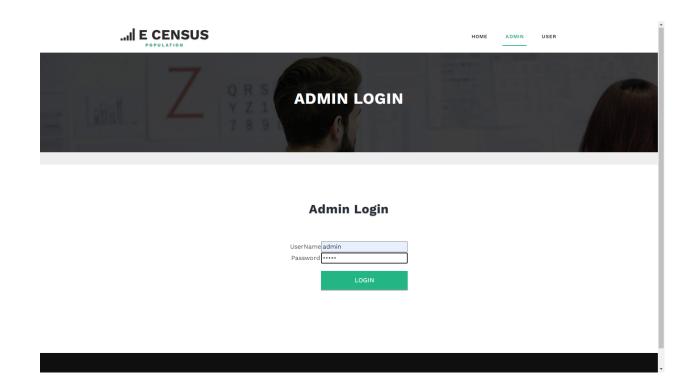
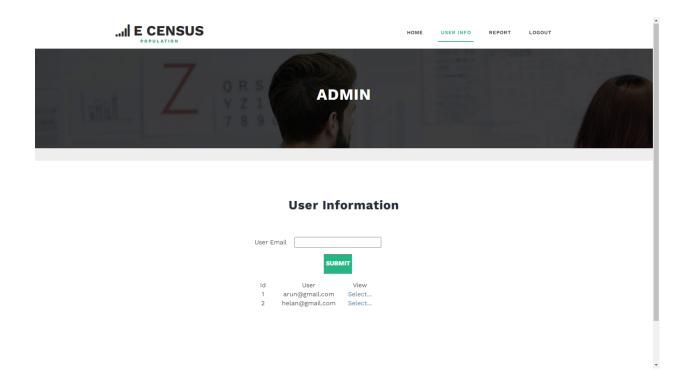




Fig 8.2.2 Admin Login



## **User Information**

Education bca

Birth 15:10.99

Age 22

Gender radiobutton anual Income 1000

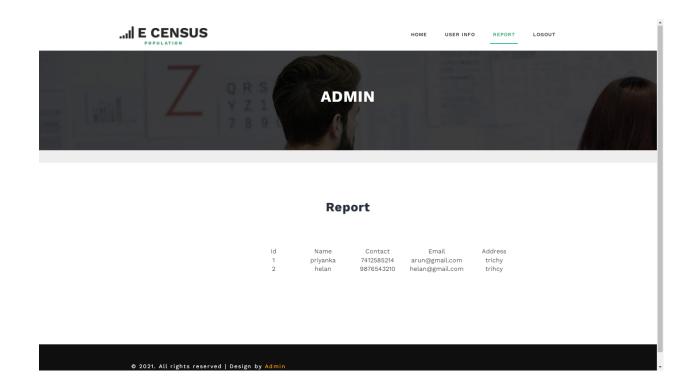
Occupation wage

Language tamil

Marital Status single Household Composition 855

Family Characteristic de

## 8.2.3 User Information



8.2.4 Report

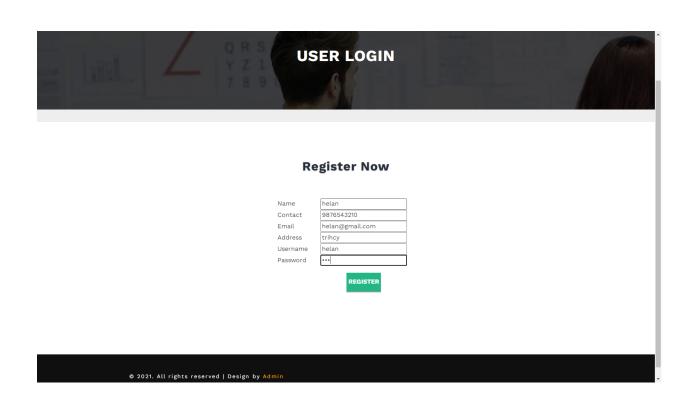




Fig 8.2.5 User Login

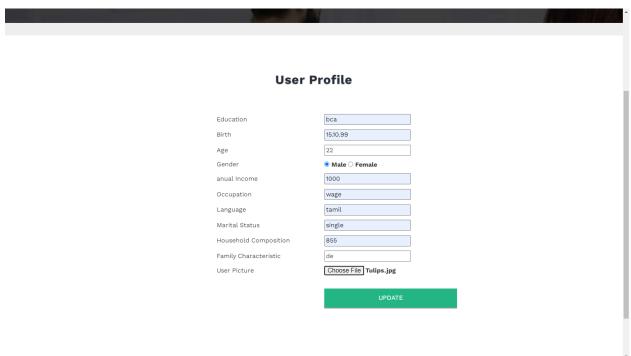




Fig 8.2.6 User Update Information

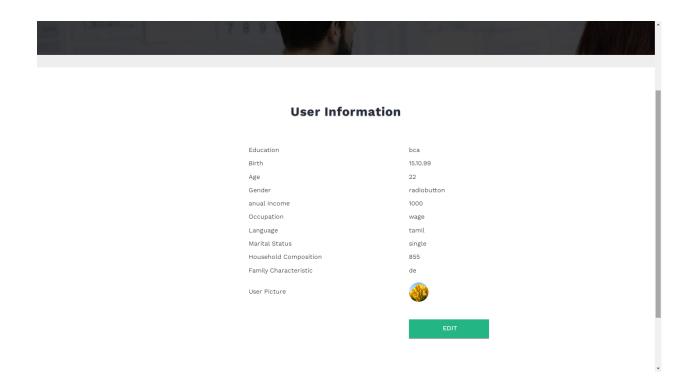


Fig 8.2.7 View Profile

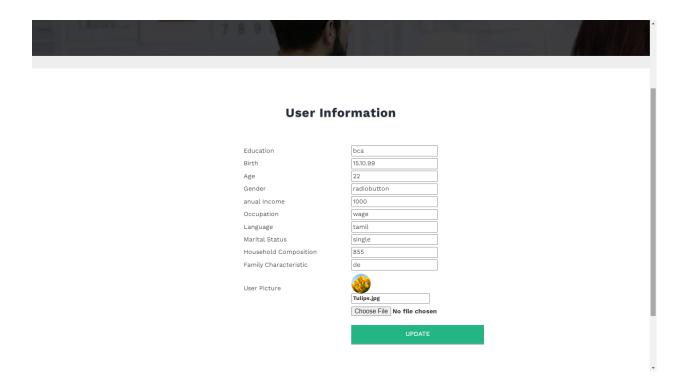


Fig 8.2.8 User Edit and Update