INCOME TAX

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A Report Submitted to

Charotar University of Science and Technology

for Partial Fulfillment of the Requirements for the

Degree of Bachelor of Technology

in Information Technology

IT318 Software Group Project-III (5th sem)

Submitted at

CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

Chandubhai S. Patel Institute of Technology

At: Changa, Dist: Anand – 388421

November 2018

CHARUSAT
CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

CERTIFICATE

This is to certify that the report entitled "**Income Tax**" is a bonafied work carried out by **Ms. Priya Nasit(16IT057)** and **Ms. Avani Patel(16IT064)** under the guidance and supervision of for the subject **Software Group Project-II(IT345)** of **5th** Semester of Bachelor of Technology in **Information Technology** at Faculty of Technology & Engineering – CHARUSAT, Gujarat.

To the best of my knowledge and belief, this work embodies the work of candidate **himself/herself**, has duly been completed, and fulfills the requirement of the ordinance relating to the B.Tech. Degree of the University and is up to the standard in respect of content, presentation and language for being referred to the examiner.

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Acknowledgement

A scholarly and quality work like designing of any project work can be accomplished by motivation, guidance and inspiration of certain quarters besides the individual efforts. Let me in this page express my heartiest gratitude to all those who helped me in various stages of this study.

We are very much thankful to **Mr. Parth Shah**, HOD, IT for giving me the permission to undergo this project and providing all the necessary facilities. During my project period all the staff members of department have helped us with their skills. Here by I express our sincere thanks to project guide **Mr. Nirav Bhatt** Assistant Professor, IT whose valuable guidance and kind cooperation without which this project would have not been possible.

With Sincere Regards,
16IT057-Priya Nasit
16IT064-Avani Patel

Abstract

The title of this project is "Income Tax". The main purpose of income tax is to provide functionality such as income tax calculation , comparison of loan , insurance and credit/debit card from different banks to user. The main purpose of this site is to calculate user's income tax from necessary details.

Chapter:1 Introduction

1.1 Project Overview

Project Name: INCOME TAX

Project Description: This website is based on income tax return and loan, insurance policy in various banks. User can calculate his tax by fulfill the required income and loan details in given form on this website. He can also see his previous tax details if he logged in to website. User can also edit or delete his tax details from tax table. Also, user can compare loan, insurance and credit/debit card policy from different banks. If he has any query then he can contact admin and also can give feedback on website.

Team Size: 2

Languages used: php, bootstrap, HTML, css, js

1.2 Scope:

An address book can combine contact details and much more information people add to it. Now, imagine these contacts are updated constantly adding new information available depending on each person and the social network they belong to.

1.3 Objective:

1.1 Objective
- To store user's data
- To store income tax data
- To edit / delete data
- To calculate income tax
- To compare loan
- To compare insurance
- To compare credit/debit card

Chapter:2 SYSTEM ANALYSIS

2.1 User Characteristics

2.1.1

Every system or project can use to the many user. But it can access in different way.

Every user of the system are given some authentication and according to that they can perform the task.

In our website we are having users like Registered user and other user which can access our website. Registered user have many rights but other users have some limitation.

User:

They have to register on our website. After then they can view following fields otherwise they can only calculate tax.

1. Forgot Password
2. Calculation Data
3. Edit/Delete data
4. Loan
5. Card
6. Insurance
7. Contact
8. Feedback

2.2 Tools and Technology

2.2.1

Software requirement

1. Operating system : Microsoft windows
2. Front End :CodeIgniter
3. Back End: Xampp control panel v3.2.2

Programming Language

1. php
2. Bootstrap
3. HTML , css, js

Chapter:3 SYSTEM Design

### 3.1.1 Graphical representation of project

3.1.2 Data flow diagram:

```
                              ┌─────────┐
                              │  Login  │
                              └─────────┘

┌────────┐    ┌────────┐    ┌───────────┐    ┌────────┐    ┌──────────┐
│  User  │    │  Card  │    │ Insurance │    │  Loan  │    │ Tax Calc │
└────────┘    └────────┘    └───────────┘    └────────┘    └──────────┘

 ┌──────────┐   ┌────────┐    ┌────────┐      ┌──────────┐
 │ Register │   │ Credit │    │  Life  │      │ Personal │
 └──────────┘   └────────┘    └────────┘      └──────────┘

 ┌──────────┐   ┌────────┐    ┌────────┐      ┌──────────┐
 │ Contact  │   │ Debit  │    │ Health │      │  Home    │
 └──────────┘   └────────┘    └────────┘      └──────────┘

 ┌──────────┐                 ┌────────┐      ┌──────────┐
 │ Feedback │                 │  Car   │      │  Car     │
 └──────────┘                 └────────┘      └──────────┘

 ┌──────────┐
 │ Logout   │
 └──────────┘
```

```
                    ┌─────────┐
                    │  Admin  │
                    └─────────┘

 ┌──────────┐     ┌──────────────┐      ┌───────────────┐
 │ Userdata │     │ Contact List │      │ Feedback List │
 └──────────┘     └──────────────┘      └───────────────┘
```
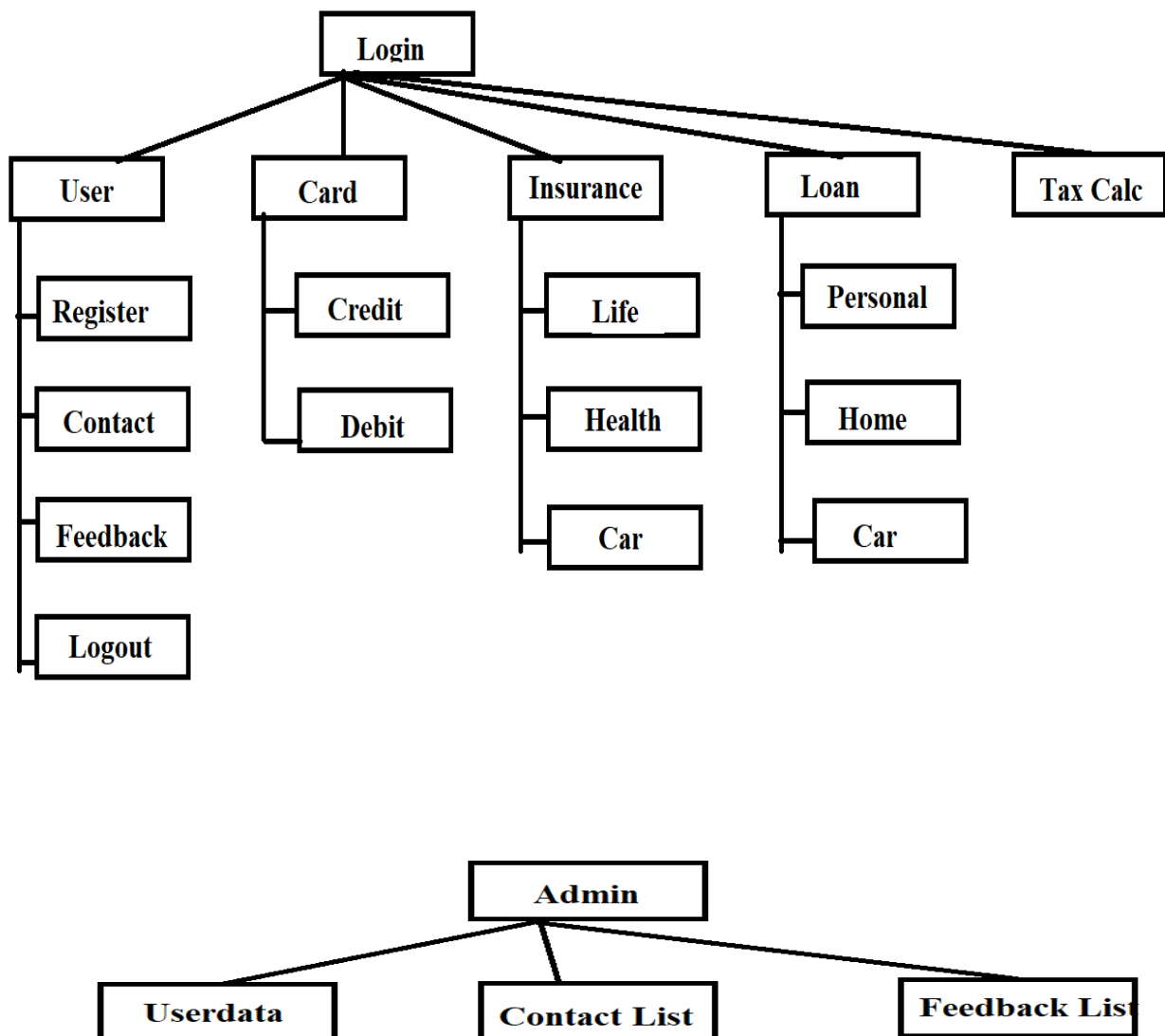
3.2.1 Data Dictionary

Field Name	Data type	Data Formate	Field Size	Description	Example
id	int		255	Unique id no for all users	1
username	varchar		255	First name of user	Vinee
lastname	varchar		255	Surname of user	Patel
email	varchar		255	Email address of user	abc@gmail.com
phone	varchar		14	contact	9353666523
category	varchar		255	Category of user	Senior citizen
taxable_salary	double		(255,4)	Annual income	20000.00
tds_deducted_salary	double		(255,4)	Deducted salary	10000.00
interest_income	double		(255,4)	Income From Interest	500.00
tds_deducted	double		(255,4)	TDS Deducted (Other Than Salary)	200.0
home_loan_interest	double		(255,4)	Interest Paid On Home Loan(Self Occupied House)	1000.0
rental_income	double		(255,4)	Rental Income Received(Rental House Property)	13000.0
loan_interest	double		(255,4)	Interest Paid On Loan	10000.0
basic_deduction	double		(255,4)	Basic Deductions	12000.0
deposit_interest	double		(255,4)	Interest From Deposits	1000.0
charity_donation	double		(255,4)	Donation To Charity	15000.0
medical_insurance	double		(255,4)	Medical Insurance Premium	889.00
edu_loan_interest	double		(255,4)	Interest On Education Loan	13000.0
date	double	yyyy-mm-dd		data entry date	2018-10-06
time	double	hh:mm:ss		data entry time	12:40:28

Chapter 4: Implementation

4.1 Implementation Environment
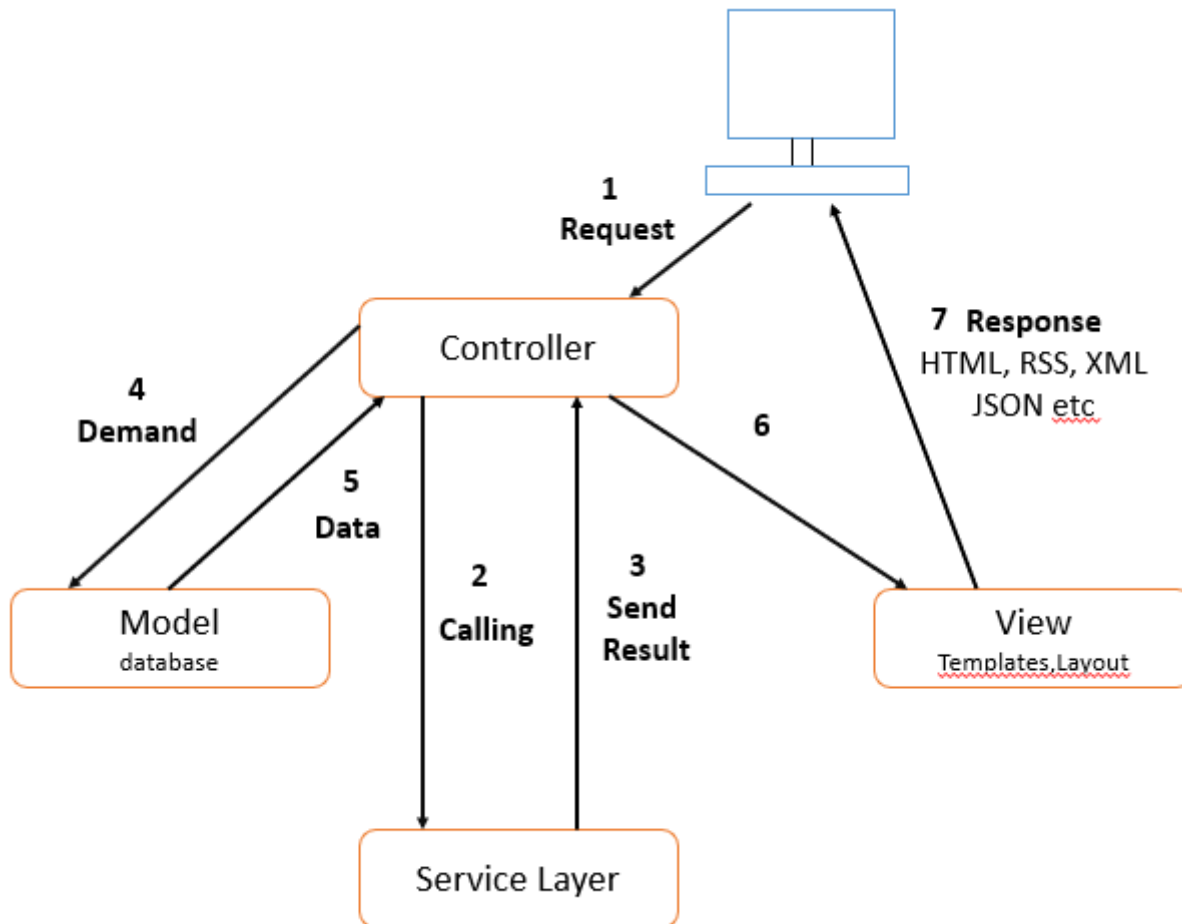
4.2 Module specification

User Module:
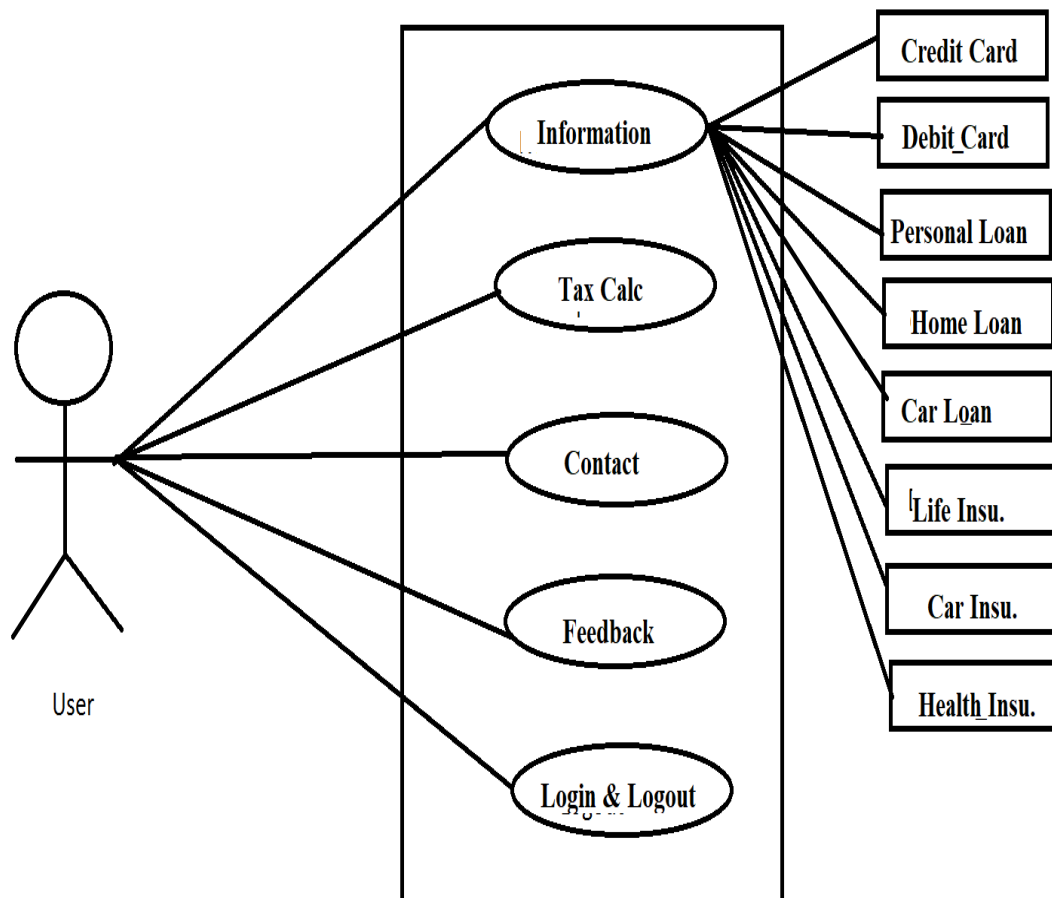
Admin Module:
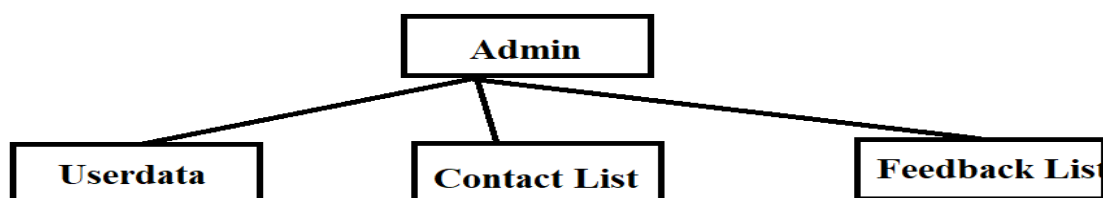
4.3 Coding Standards

```php
<?php
include'forms.php';
?>

 <!DOCTYPE html>
<html lang="en">

 <head>

  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
  <meta name="description" content="">
  <meta name="author" content="">

  <title>Blog Post - Start Bootstrap Template</title>

  <!-- Custom styles for this template -->
  <link href="<?php echo base_url(); ?>assets/css/blog-post.css" rel="stylesheet">

 </head>

 <body>

  <!-- Page Content -->
  <div class="container" style="text-align: justify">

   <div class="row">

    <!-- Post Content Column -->
    <div class="content">

     <!-- Title -->
     <h1>Income tax in India</h1>
     <hr style="margin-top:10px;margin-bottom: 10px">

     <!-- Preview Image -->
     <!--<img class="img-fluid rounded" src="http://placehold.it/900x300" alt="">-->
     <!-- Post Content -->
     <p>Income tax refers to the tax levied by the government for the purpose of financing its various
operations. There are two types of taxes, direct and indirect. While Income Tax is a direct tax, VAT, service
tax, excise and the latest one to subsume all these taxes Goods and Services Tax (GST) are all indirect
taxes. Apart from funding the activities of the government, taxes also act as a fiscal stabiliser that aid in
distributing wealth evenly among the population. Furthermore, taxes are instrumental in cushioning the
effects of economic cycles. The payment of Income Tax in India is made according to the provisions made
under the Income Tax Act.</p><br>

     <p>The government imposes a tax on taxable income of all persons who are individuals, Hindu
Undivided Families (HUF's), companies, firms, LLP, association of persons, body of individuals, local
authority and any other artificial juridical person. Levy of tax on a person depends upon his residential
```

```html
    <hr>

       <!-- Title -->
       <h1>Source of income</h1>
       <hr style="margin-top:10px;margin-bottom: 10px">

       <!-- Preview Image -->
       <!--<img class="img-fluid rounded" src="http://placehold.it/900x300" alt="">-->
       <!-- Post Content -->
       <p> According to the Indian Income Tax laws, income from the following sources is deemed
taxable:</p><br>

       <ul>
         <li>Salaries</li>
         <li>Income from house property</li>
         <li>Profits and gains of business or profession</li>
         <li>Capital gains</li>
         <li>Income from other sources</li>
       </ul>
       <hr>

       <!-- Title -->
       <h1>Tax Deduction</h1>
       <hr style="margin-top:10px;margin-bottom: 10px">

       <!-- Preview Image -->
       <!--<img class="img-fluid rounded" src="http://placehold.it/900x300" alt="">-->
       <!-- Post Content -->
       <p>The deductions on Income from Salary falls under the Section 16 of the Income Tax Act. The
deductions are:</p><br>

       <ul>
         <li>Entertainment Allowance under Section 16(ii): Deduction is allowed by way of entertainment
allowance given by an employer. This deduction is available only for the Government employees. The
deduction is either the 1/5th of salary without including the benefits or perquisites or other allowances or
Rs.5,000, whichever is lesser. The non-government employees can't avail this deduction.</li><br>

         <li>Tax on Employment under Section 16(iii): The Professional Tax is allowed as a deduction while
computing income from salaries.</li>
       </ul>
       <!-- Bootstrap core JavaScript -->
   <script src="<?php echo base_url(); ?>assets/vendor/jquery/jquery.min.js"></script>
   <script src="<?php echo base_url(); ?>assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>


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

Controller: Auth.php

```php
public function login_form()
   {
     $this->load->model('Auth_model');
     $fetch['item'] =$this->Auth_model->login_form();
  }

   public function contactus()
   {
     $this->load->model('Auth_model');
     $fetch['item'] =$this->Auth_model->contactus();
   }
   public function register_form()
   {
     $this->load->model('Auth_model');
     $fetch['item'] =$this->Auth_model->register_form();
   }

   public function feedback()
   {
     $this->load->model('Auth_model');
     $fetch['item'] =$this->Auth_model->feedback();
   }

   public function calculation()
   {
   $id=$this->input->get('id');
   $this->load->model('Auth_model');
   $data['item']=$this->Auth_model->getuserid($id);
   $this->load->view('calculation',$data);
   }

   public function update_data($id){
     $this->form_validation->set_rules('taxable_salary','taxable_salary','required');
     $this->form_validation->set_rules('tds_deducted_salary','tds_deducted_salary','required');
     $this->form_validation->set_rules('interest_income','interest_income','required');
     $this->form_validation->set_rules('tds_deducted','tds_deducted','required');
     $this->form_validation->set_rules('home_loan_interest','home_loan_interest','required');
     $this->form_validation->set_rules('rental_income','rental_income','required');
     $this->form_validation->set_rules('loan_interest','loan_interest','required');
     $this->form_validation->set_rules('basic_deduction','basic_deduction','required');
     $this->form_validation->set_rules('deposit_interest','deposit_interest','required');
     $this->form_validation->set_rules('charity_donation','charity_donation','required');
     $this->form_validation->set_rules('medical_insurance','medical_insurance','required');
     $this->form_validation->set_rules('edu_loan_interest','edu_loan_interest','required');


     if($this->form_validation->run()==TRUE){
       $this->load->model('Auth_model');
         if($this->Auth_model->update_data($id)){
```

Model: Auth_model.php

```php
function admin_userdata()
        {
                $data = $this->db->query("select * from users");
                        return $data->result_array();
        }

        /*function calculation()
        {
         $data = $this->db->query("select * from income");
          return $data->result_array();
         }*/

        function getdata_delete()
        {
                $this->load->database();
                $data=$this->db->get('users');
                return $data->result();
        }
  function admin_delete($id)
        {
    $this->load->database();
    $this->db->where('user_id',$id);
     $this->db->delete('users');
         return true;
        }


  function contact_getdata_delete()
  {
   $this->load->database();
   $data=$this->db->get('contact');
   return $data->result();
  }
   function admin_contact_delete($id)
  {
     $this->load->database();
     $this->db->where('id',$id);
      $this->db->delete('contact');
    return true;
  }

  function feedback_getdata_delete()
  {
   $this->load->database();
   $data=$this->db->get('feedback');
   return $data->result();
  }
```

```
function getdata_calculation()
        {
                $this->load->database();
                $data=$this->db->get('income');
                return $data->result();
        }
  function calculation($id)
        {
     $this->load->database();
     $this->db->where('id',$id);
       //$this->db->delete('income');
     $this->db->query("select * from income");
          // return $item->result_array();
          return true;
        }

  public function tax_calc_form()
   {
     $this->form_validation->set_rules('username','Username','required');
     $this->form_validation->set_rules('lastname','LastName','required');
      $this->form_validation->set_rules('email','Email','required');
       $this->form_validation->set_rules('phone','Phone','required');
       $this->form_validation->set_rules('category','Category','required');
      $this->form_validation->set_rules('taxable_salary','taxable salary','required');
      $this->form_validation->set_rules('tds_deducted_salary','tds deducted salary','required');
      $this->form_validation->set_rules('interest_income','interest income','required');
       $this->form_validation->set_rules('tds_deducted','tds deducted','required');
      $this->form_validation->set_rules('home_loan_interest','home loan interest','required');
      $this->form_validation->set_rules('rental_income','rental income','required');
      $this->form_validation->set_rules('loan_interest','loan interest','required');
      $this->form_validation->set_rules('basic_deduction','basic deduction','required');
      $this->form_validation->set_rules('deposit_interest','deposit interest','required');
      $this->form_validation->set_rules('charity_donation','charity donation','required');
      $this->form_validation->set_rules('medical_insurance','medical insuranc','required');
      $this->form_validation->set_rules('edu_loan_interest','edu loan interest','required');

     $date=date('Y-m-d H:i:sa');
    $time=date('H:i:sa');

     if($this->form_validation->run() == TRUE)
     {

        $data=array(
           'username'=>$_POST['username'],
           'lastname'=>$_POST['lastname'],
           'email'=>$_POST['email'],
           'phone'=>$_POST['phone'],
           'category'=>$_POST['category'],
           'taxable_salary'=>$_POST['taxable_salary'],
           'tds_deducted_salary'=>$_POST['tds_deducted_salary'],
```

```
'home_loan_interest'=>$_POST['home_loan_interest'],
        'rental_income'=>$_POST['rental_income'],

        'loan_interest'=>$_POST['loan_interest'],
        'basic_deduction'=>$_POST['basic_deduction'],

        'deposit_interest'=>$_POST['deposit_interest'],
        'charity_donation'=>$_POST['charity_donation'],
        'medical_insurance'=>$_POST['medical_insurance'],
        'edu_loan_interest'=>$_POST['edu_loan_interest'],
        'date'=>$date,
        'time'=>$time


    );

    $this->db->insert('income',$data);
    $this->session->set_flashdata("success","");
    redirect("auth/value_tax_form","refresh");
}

$this->load->view('tax_calc_form');
}
```
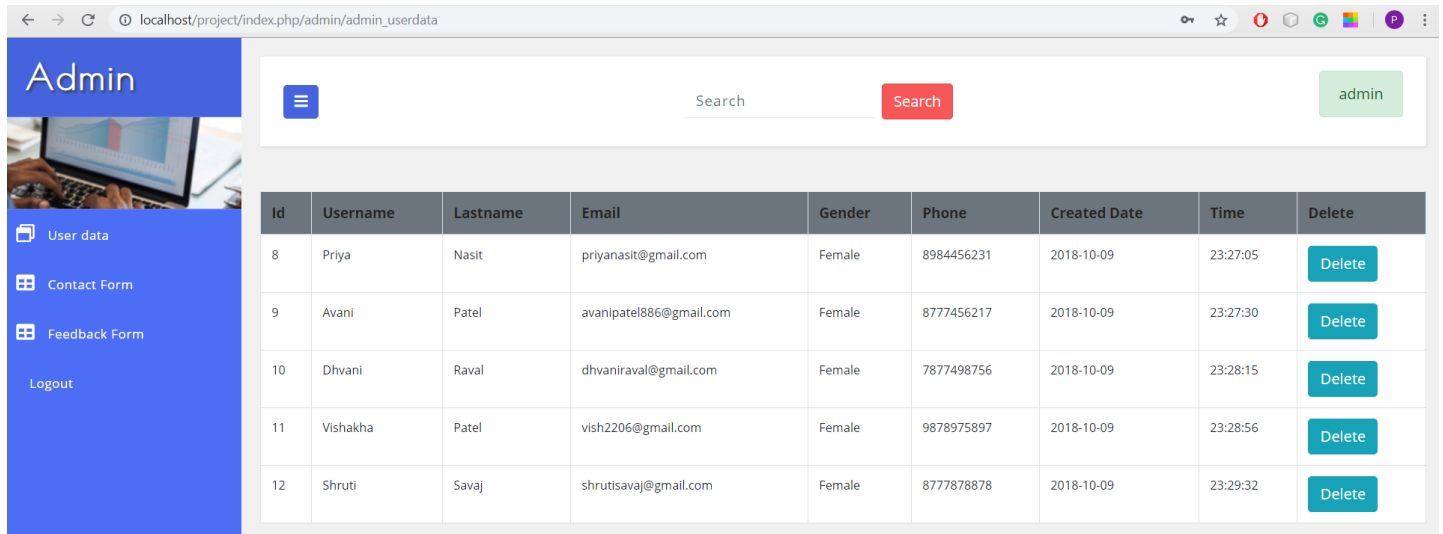
4.4 Snapshots:
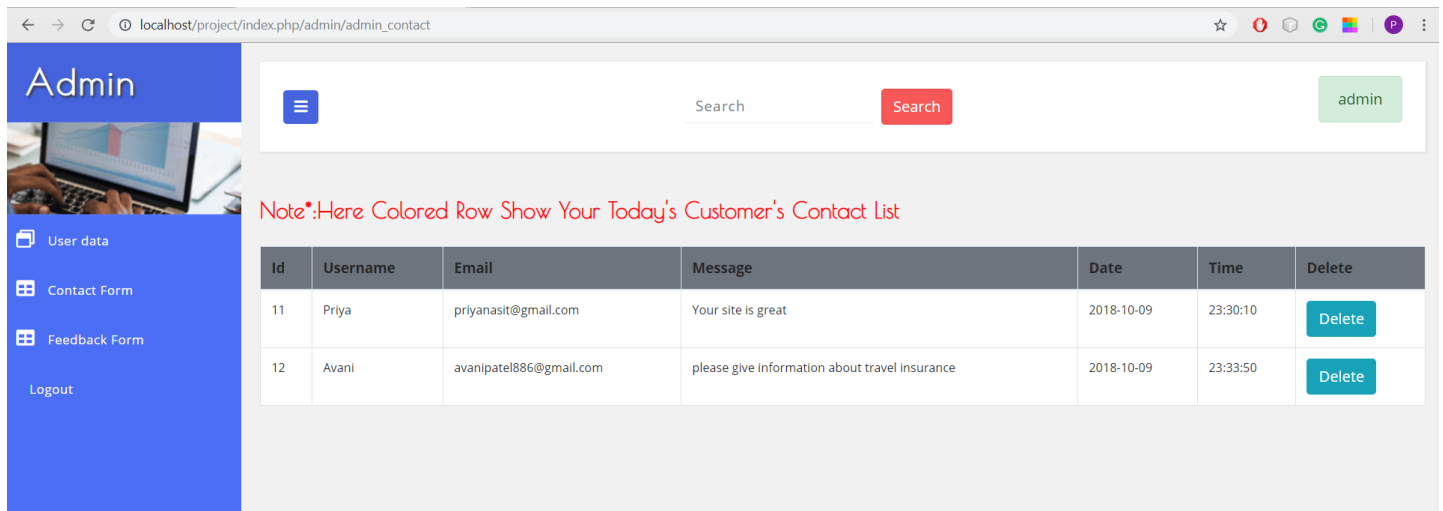
1. Admin Panel:Userdata

2 .Admin Panel:Contact List
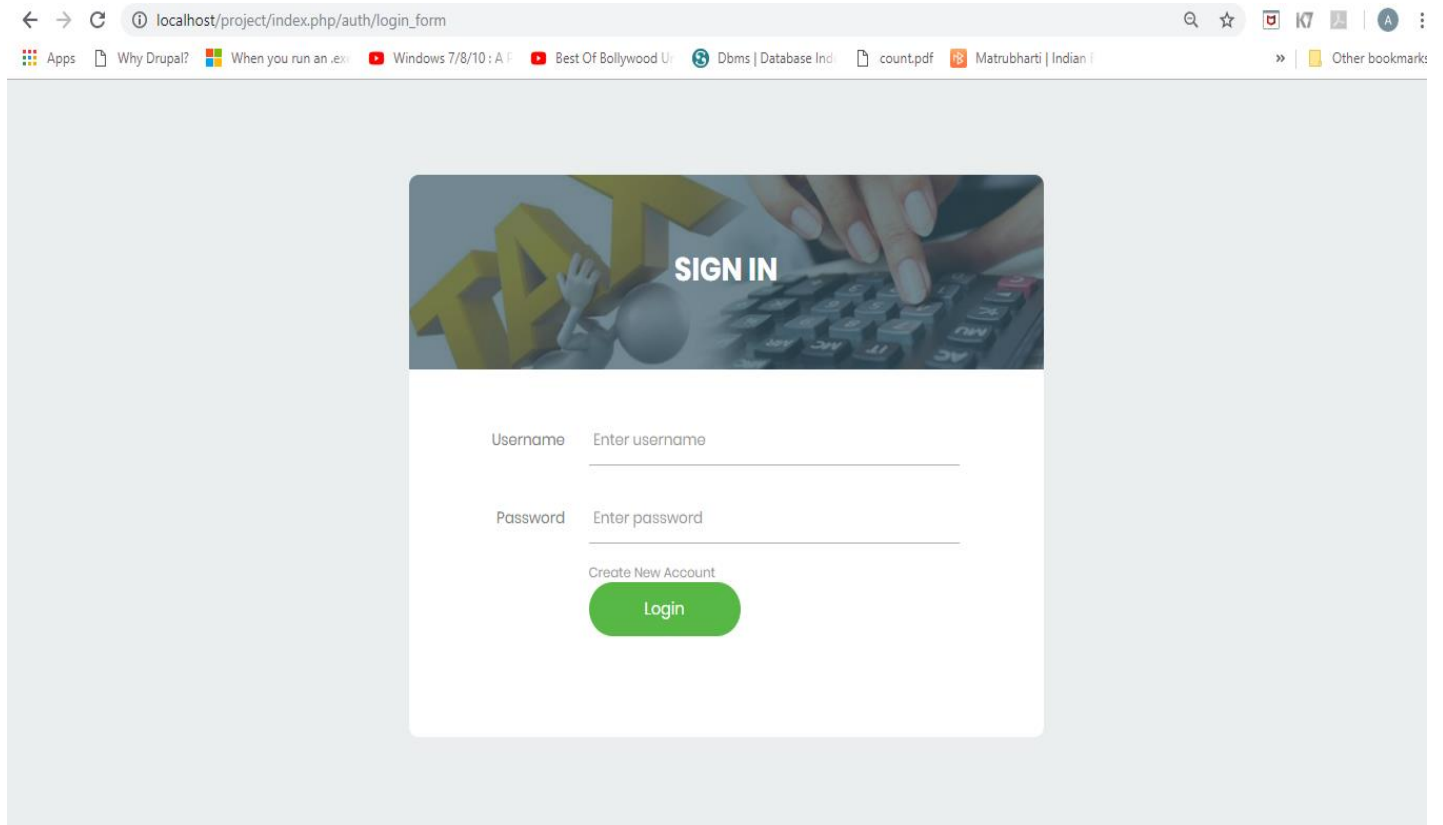
3. Admin Panel:Feedback List

4. Login

5. Registration

6. Tax calculation form

7. Calculation data

Id	UserName	LastName	Email	Category	Taxable Salary	TDS Deducted from Salary	Income From Interest	TDS Deducted	Interest Paid On Home Loan(Self Occupied House)	Rental Income Received(Rental House Property)	Interest Paid On Loan	Basic Deductions	Interest From Deposits	Donations To Charity	Medical Insurance Premium	Interest On Educational Loan	Date	Time	Update/Delete
23	priya	Nasit	priyanasit@gmail.com		5.0000	5.0000	5.0000	5.0000	5.0000	1.0000	5.0000	5.0000	5.0000	5.0000	5.0000	15.0000	2018-10-03	07:52:05	Edit Cal
28	priya	nasit	priyanasit@gmail.com	Resident Below 60	200.0000	2.0000	12.0000	2.0000	2.0000	0.0000	2.0000	22.0000	2.0000	2.0000	2.0000	2.0000	2018-10-06	12:40:28	Edit Cal

8. Loan Comparison

Id	Bank Name	Interest Rate Range	Processing Fee Range	Loan Amount	Tenure Range	Information
1	CITIBANK	10.99% - 17.99%	Rs.0	Rs.30L Max	1-5 Years	Edit
2	TATA CAPITAL	10.99% - 25% Fixed	Rs.0 Bankbazaar Exclusive	Rs.20L Max	1-6 Years	Edit
3	HDBFS	14.99% - 14.99% Fixed	Up to 2% One time fee	Rs.20L Max	1-5 years	Edit
4	InCred	16% - 28% Fixed	2% - 5%	Rs.50K - Rs.7.5L	1-4 Years	Edit
5	HDFC BANK	10.99% - 21.25% Fixed	Up to 2.5% One time fee	Rs.40L Max	1-5 years	Edit
6	IDFC BANK	11.5% - 13.5% Fixed	1% + applicable tax One time fee	Rs.2L - Rs.25L	1-5 Years	Edit
7	INDUSIND	11% - 16% Fixed	Rs.0 Bankbazaar Exclusive	Rs.25L Max	1-5 years	Edit

9. Insurance comparison

10. Card Comparison

11. Contact Us

12. Feedback

13. Update data

14. Tax calculation

15. Database

Chapter 5: Constraints

5.1 Constraints:

1. May be website works slowly sometimes due to network problem and some mistake in system. Due to that it take more time to perform.

2. If user has not logged in then he can't able to see his previously calculated tax data.

3. It is possible that sometimes some mistakes occure in data storage.

Chapter 6: Conclusion

Income tax return system provides the user a facility to calculate total payable income tax by his income data and also user can compare various loan , insurance and debit/credit card policy from different banks. Also User can give feedback or contact admin if he has any query regarding calculation or something else from the website.

References:

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https://www.incometaxindiaefiling.gov.in

https://stackoverflow.com

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