

# Management System

## Using PHP and MySQL Database



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## DECLARATION

I hereby declare that the project entitled “**Web Based Computer Details Management System**” submitted to Directorate of Human Resources, Defence Research Development Laboratories for the award of the Certificate in Web Development a result of original work done by me.

It is further declared that the project report or any part therefore has not been previously submitted to any Organization or University or Institute for the award of any type of Degree or Certificate.

Vamsheeth Vadlamudi,  
[Ref No. DRDL/DOHR/HRD/672/17.](#)



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**CERTIFICATE**

1. Reference our letter No: **DRDL/DOHR/HRD/672/17.**
2. This is to certify that the Project Work, titled “**Web Based Computer Details Management System**” submitted by Student of NIIT University, Neemrana, Rajasthan-301705. Ref. No: .NU/SIP/2019/11 at DP&TT, Defence Research & Development Laboratory (DRDL), Ministry of Defence, Govt. of India.

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3. During his Project period from **30 May 2017** to **26 July 2017**, he was found to be sincere & hard working and also took keen interest in the areas allied to his Project.

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## Contents

1.0 Introduction .....	1
1.1 Scope of the Project.....	1
2.0 Need of Website in an Organization .....	1
3.0 Database .....	2
3.1 There are Five Major Components in a Database Environment.....	3
3.2 A Sample Database Code .....	3
3.3 Types of Databases.....	4
3.4 How to Choose the Right Database Management System.....	4
4.0 PHP .....	4
4.1 Sample PHP code.....	5
4.2 Why PHP .....	5
4.3 Advantages of PHP.....	5
5.0 PHPExcel.....	6
6.0 Contents of Website .....	6
6.1 User Login .....	6
6.2 Admin Login .....	7
6.3 Users Home Page.....	8
6.4 Admin Home Page.....	9
6.5 User Details .....	9
6.6 Item Details Editing Page.....	10
6.7 User Details Editing Page.....	11
6.8 Adding New Item Details .....	12
6.9 Adding New User Details .....	13
6.10 Deleting Item Details.....	14
6.11 Deleting User Details.....	15
6.12 Exporting as Excel Sheet.....	16
6.13 Database Tables .....	18
6.14 Database Connection .....	20

6.15 Database Test.....	20
6.16 Style Sheet.....	20
6.17 Secure Logout .....	20
6.18 Search Algorithm.....	20
6.19 Upload Algorithm.....	21
6.20 Uploads Folder .....	21
6.21 Export Algorithm.....	21
6.22 SQL Quiries .....	21
Appendix - A.....	1
1.0 Source Code.....	1
1.1 add_item1.php.....	1
1.2 add_user.php.....	4
1.3 crud.sql.....	6
1.4 db.php.....	9
1.5 db_test.php .....	9
1.6 delete_item1.php.....	10
1.7 delete_user.php.....	10
1.8 download.php.....	11
1.9 edit_item1.php.....	12
1.10 edit_user.php.....	17
1.11 index.php .....	22
1.12 index1.php.....	23
1.13 logout.php .....	25
1.14 main.php .....	25
1.15 main1.php .....	27
1.16 styles.css .....	30
1.17 users.php .....	32
1.18 search.php.....	35
1.19 upload.php .....	36

## 1.0 Introduction

Web development broadly refers to the tasks associated with developing websites for hosting via intranet or internet. The web development process includes web design, web content development, client-side/server-side scripting and network security configuration, among other tasks.

Web development is also known as website development.

Web development is the coding or programming that enables website functionality, per the owner's requirements. It mainly deals with the non-design aspect of building websites, which includes coding and writing markup.

Web development ranges from creating plain text pages to complex web-based applications, social network applications and electronic business applications.

The web development hierarchy is as follows:

- Client-side coding
- Server-side coding
- Database technology

## 1.1 Scope of the Project

The swelling wave of e-Commerce dominance fueling the need for organizations to establish their online presence has led to the emergence of Web Designing as an important organizational function. More and more organizations are recruiting internal Web Designing teams or are employing external agencies to dish out professional and functional websites for them

## 2.0 Need of Website in an Organization

**It acts as an ice-breaker:** Before people ever meet you in person most likely they will search your Organization to find out who you are and what you're all about.

**It helps to spread your organization message:** A Smartly placed newsletter opt-in box gathering email addresses will help you build up a list of individuals who want to stay in touch with your updates.

**It Builds Credibility:** Because of the number of website designing sites it is easy to build a website later it can be developed as per the requirements. All of these Ideas help in the site visitor to feel more connected to and interested in your case.

**It gives you a platform:** it is a great way to stand out from your competitors as it helps your community know what is going on with your organization and excites them about getting involved with you.

**Open 24/7:** With a comprehensive website, your business will be a source of information for your customers around the clock. A well-rounded web presence including a detailed and itemized section can help your customers during off-hours.

### 3.0 Database

**A database management system is important because it manages data efficiently and allows users to perform multiple tasks with ease.** A database management system stores, organizes and manages a large amount of information within a single software application.

Database management systems are important to businesses and organizations because they provide a highly efficient method for handling multiple types of data. Some of the data that are easily managed with this type of system include: employee records, student information, payroll, accounting, project management, inventory and library books. These systems are built to be extremely versatile.

Without database management, tasks have to be done manually and take more time. Data can be categorized and structured to suit the needs of the company or organization. Data is entered into the system and accessed on a routine basis by assigned users. Each user may have an assigned password to gain access to their part of the system. Multiple users can use the system at the same time in different ways.

For example, a company's human resources department uses the database to manage employee records, distribute legal information to employees and create updated hiring reports. A manufacturer might use this type of system to keep track of production, inventory and distribution. In both scenarios, the database management system operates to create a smoother and more organized working environment.

A simple database has a single table with rows for the data and columns that define the data elements. For an address book, the table columns define data elements such as name, address, city, state and phone number, while a table row, or record, contains data for each person in the book. The query language provides a way to find specific types of data in each record and return results that match the criteria. These results display in a form that uses the defined data elements but only shows records that meet the criteria. These three components make up almost every type of database.



Relational databases use multiple tables and define relationships between them using a schema in addition to data elements. Records and data elements from each table merge, based on the query, and display in the form. Routinely used queries often become reports. A report uses the same query but reports on changes in data over time.

### 3.1 There are Five Major Components in a Database Environment

- **Data:** The data is a collection of facts, typically related.
- **Hardware:** hardware is the physical devices in the database environment.
- **Software:** The Operating systems, database management systems and applications make up the software.
- **People:** Examples of people in the database environment are the system administrator, programmers and end users.
- **Procedures:** Procedures are the instructions and rules for the database.

### 3.2 A Sample Database Code

```
CREATE TABLE Sample_table (  
    Column1    INT            NOT NULL,  -- UNSIGNED AUTO_INCREMENT??  
    Column2    DATE           NOT NULL,  
    Column3    VARCHAR(14)    NOT NULL,  
    Column4    VARCHAR(16)    NOT NULL,  
    Column5    ENUM ('M','F') NOT NULL,  -- Enumeration of either 'M' or 'F'  
    Column6    DATE           NOT NULL,  
    PRIMARY KEY (Any Column) -- Index built automatically on primary-key column  
);
```

Database management systems are therefore crucial and important links in the creation as well as management of data. They are needed for effective running and management of data. It also helps companies to transfer the said data through the entire systems.

Some of the reasons why data management systems are important include the following:

- Data management system is needed for data access within the company
- It is needed to maintain strong relationships between data
- This system allows newer and better updates
- It helps brand managers to search data in a better manner

### 3.3 Types of Databases

- Relational Database Management System
- Flat file based database management systems
- Hierarchical database management systems
- Network Database management systems
- Object oriented database management systems

### 3.4 How to Choose the Right Database Management System

- Usability of the database management is a critical factor
- Visualization and reporting of data management system is also an important feature
- Security is another important aspect of database management system
- Functionality is another important feature of database management system
- Ensure that system has sufficient support service and development plans

## 4.0 PHP

PHP is a server-side scripting language designed primarily for web development but also used as a general-purpose programming language. PHP originally stood for Personal Home Page (recursive acronym for PHP: Hypertext Preprocessor) is a widely-used open source general-purpose scripting language designed primarily for web development but also used as a general-purpose programming language that is especially suited for web development and can be embedded into HTML.

PHP code may be embedded into HTML or HTML5 markup, or it can be used in combination with various web template systems, web content management systems and web frameworks. PHP code is usually processed by a PHP interpreter implemented as a module in the web server or as a Common Gateway Interface (CGI) executable. The web server software combines the results of the interpreted and executed PHP code, which may be any type of data, including images, with the generated web page. PHP code may also be executed with a command-line interface (CLI) and can be used to implement standalone graphical applications.

## 4.1 Sample PHP code

```
<!DOCTYPE html>
<html>
  <head>
    <title>PHP Test</title>
  </head>
  <body>
    <?php echo '<p>Hello World</p>'; ?>
  </body>
</html>
```

## 4.2 Why PHP

There are many languages which are used for web development or web programming. But among all of them PHP is the most popular web scripting language.

- PHP language has its roots in C and C++. PHP syntax is most similar to C and C++ language syntax. So, programmers find it easy to learn and manipulate.
- MySQL is used with PHP as back-end tool. MySQL is the popular online database and can be interfaced very well with PHP. Therefore, PHP and MySQL are excellent choice for webmasters looking to automate their web sites.
- PHP can run on both UNIX and Windows servers.
- PHP also has powerful output buffering that further increases over the output flow. PHP internally rearranges the buffer so that headers come before contents.
- PHP is dynamic. PHP works in combination of HTML to display dynamic elements on the page. PHP only parses code within its delimiters, such as. Anything outside its delimiters is sent directly to the output and not parsed by PHP.
- PHP can be used with a large number of relational database management systems, runs on all of the most popular web servers and is available for many different operating systems.
- PHP5 a fully object oriented language and its platform independence and speed on Linux server helps to build large and complex web applications.
- So, in general PHP is cheap, secure, fast and reliable for developing web applications.

## 4.3 Advantages of PHP

Here are some few good reasons for us to pick PHP for a website.

- **Open Source:** PHP is Open Source. This means it is readily available and absolutely free!, PHP is actually much simpler than the rest and so you can stay assured of fabulous results.
- **Cross-Platform:** PHP is cross-platform and therefore enables operation across various operating systems. It works excellently on LINUX, UNIX and Windows platforms. It interfaces effortlessly with Apache/MySQL.
- **Huge Community:** The PHP community is a large one. Owing to its popularity, there are many PHP developers, PHP contributors, PHP users, and employers
- **Support:** PHP, as mentioned before, is very popular. Therefore, there are a number of references and guidelines available. One can also find many support groups, forums, and teams supporting PHP. There's always enough online library support to get you through.
- **Embedding:** PHP can be easily embedded into HTML. This makes it very easy for one to convert an already existing static website, into a bold and new dynamic one.
- **SFS:** Stability, Flexibility and Speed are the chief qualities that attract business owners to choose PHP.
- **Bright Future:** PHP is already well established, its future prospects are infinite. The keynote is that PHP is loosely typed. This makes simple scripts much faster to develop.
- **Quick:** PHP, being very fast to develop ensures that there is a quick turnaround time.
- **Extensions:** PHP has multiple extensions and is extremely scalable.
- **Other Tools:** If you need to access other web based tools like Google maps (which is always advisable for a business website), or any other, PHP makes it easy to access.
- **Pre-Configured:** More often than not, many a hosting services have a "ready to use" PHP setup. This does not require any special configuration. Of course if you need a high security kind of website, you can easily go ahead modify it.

## 5.0 PHPExcel

PHPExcel is a Project providing a set of classes for the PHP programming language that allow you to write to and read from different spreadsheet file formats, like Excel (BIFF) .xls, Excel 2007 (OfficeOpenXML) .xlsx, CSV, Libre/Open Office Calc .ods, Gnumeric, PDF, HTML, ... This project is built around Microsoft's OpenXML standard and PHP.

## 6.0 Contents of Website

### 6.1 User Login

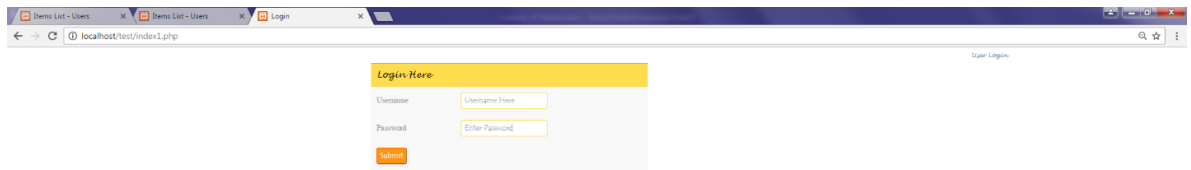
index.php it is the first most page seen by a user. it is the login page to the website. Users are given with a special Username and Password to login to the website by the

admin of the website. Invalid credentials lead to the blocking of person entering into the website thus securing the data to the only to the specified personals.

Room No.	Directorate/Project/Team	Division/Section	System ID No.	Make	Model No.	Serial No.	Product No.	IP Address	MAC Address	DVD Type	Type of System	Status	Date of Expiry	Used By	Attachments
Main Building	Directorate	DPG/IT	DPIT01	HP	HP Compaq Elite 8300	2NA318U001	D0P93M4ACJ	10.66.64.113	6C-1B-E3-35-81-0E	R	Desktop PC	Working	2016-10-21	PV Sureshu	<a href="#">DPIT-1 (1)</a>
1st flr	1st flr	1st flr	1234	1st flr	1st flr	1st flr	1st flr	10.66.64.114	1st flr	1st flr	1st flr	1st flr	2020-08-16	12345	<a href="#">DPIT-1 (2)</a>
2nd flr	2nd flr	2nd flr	2nd flr	2nd flr	2nd flr	2nd flr	2nd flr	2nd flr	2nd flr	2nd flr	2nd flr	2nd flr	2018-01-02	2nd flr	<a href="#">DPIT-1 (3)</a>
3rd flr	3rd flr	3rd flr	3rd flr	3rd flr	3rd flr	3rd flr	3rd flr	3rd flr	3rd flr	3rd flr	3rd flr	3rd flr	2017-06-20	3rd flr	<a href="#">DPIT-1 (4)</a>
4th flr	4th flr	4th flr	4th flr	4th flr	4th flr	4th flr	4th flr	4th flr	4th flr	4th flr	4th flr	4th flr	2017-07-18	4th flr	<a href="#">DPIT-1 (5)</a>
5th flr	5th flr	5th flr	5th flr	5th flr	5th flr	5th flr	5th flr	5th flr	5th flr	5th flr	5th flr	5th flr	2017-07-18	5th flr	<a href="#">DPIT-1 (6)</a>

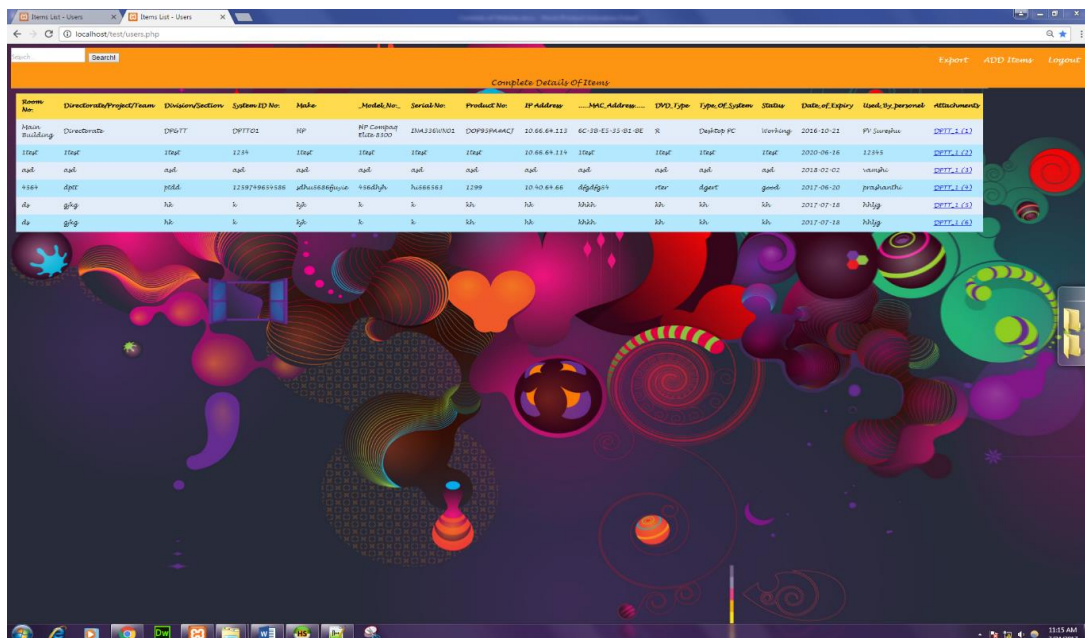
## 6.2 Admin Login

This has the special privileges for the administrator with edit and delete rights. It exactly looks as index.php Admin are given with a special Username and Password to login to the website by the admin of the website. Invalid credentials lead to the blocking of person entering into the website thus securing the data to the only to the specified personals. Here this differentiates the Users and Admins View



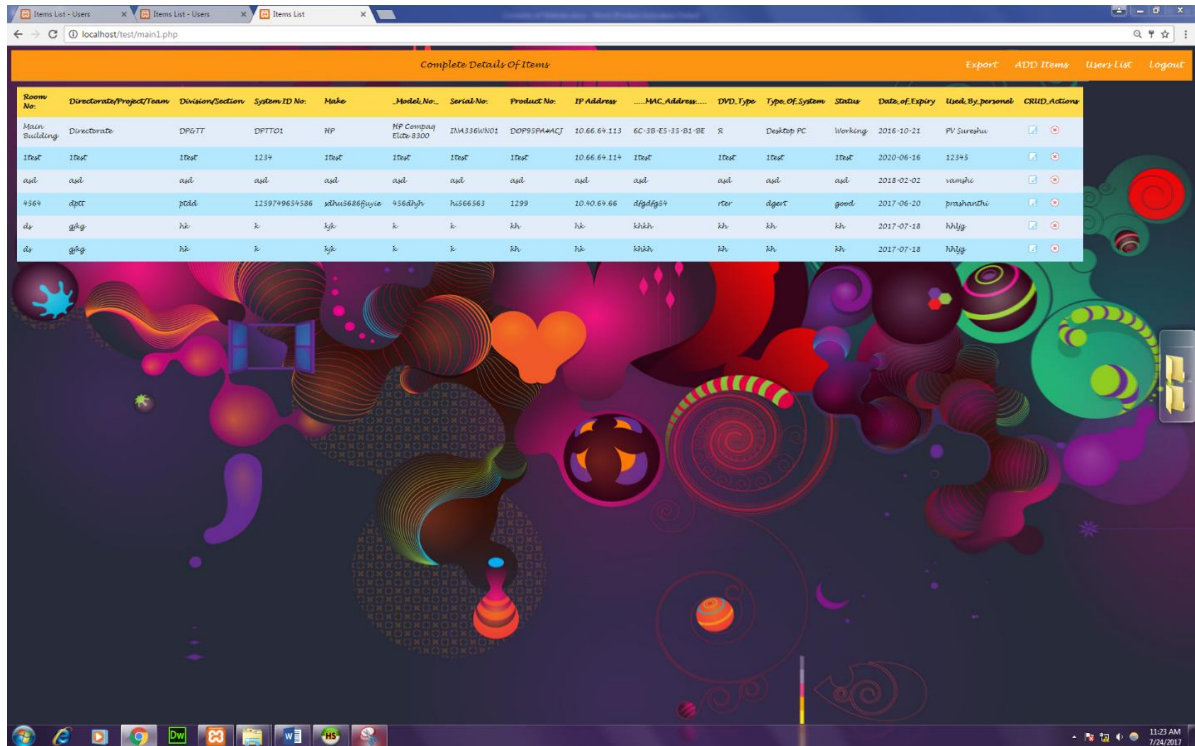
### 6.3 Users Home Page

This is the Home page after login here there are some columns of listing the items and the attachments for the respective files users don't have a right to edit and delete the options but they were provided with the add item column. Search bar, Exporting the data ad excel(Export) plays some typical roles in making the usage of the website without any dilemma.



## 6.4 Admin Home Page

This is the Home page for admins. the only difference matters here are editing and deleting options. Here we can see an option of adding new users, deleting new users changing the user's details, editing and deleting items. Here there are options of the Viewing the users interface in addition to the users control.

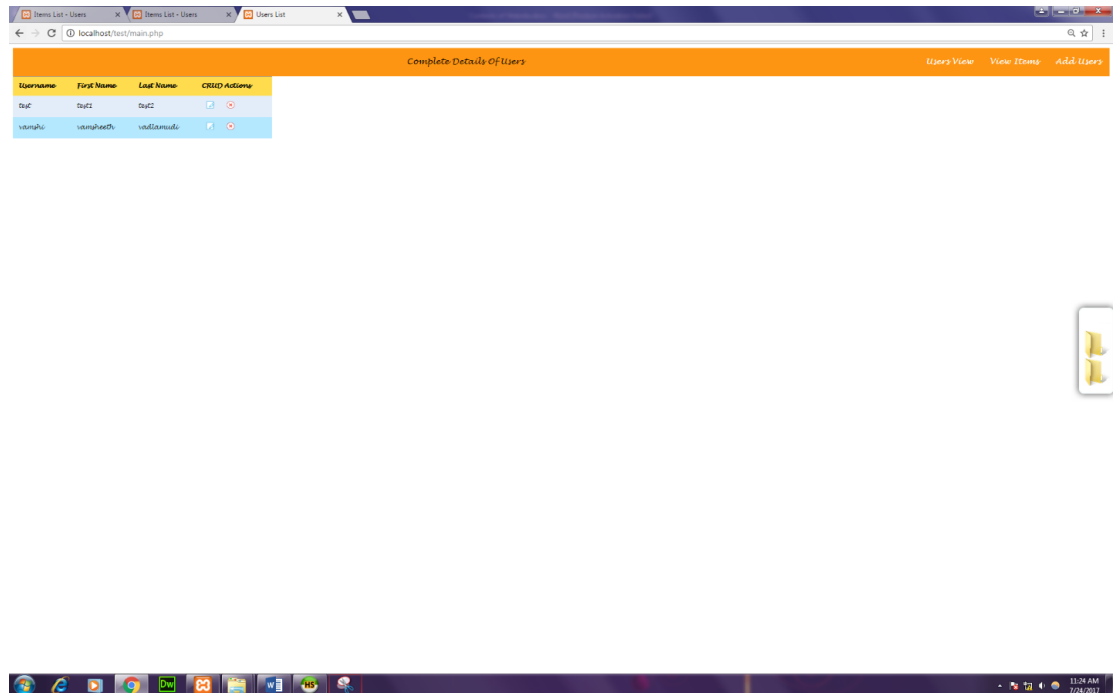


The screenshot displays the Admin Home Page with a table titled "Complete Details Of Items". The table lists various items with columns for Room No., Directorate/Project/Team, Division/Section, System ID No., Make, Model No., Serial No., Product No., IP Address, MAC Address, DVD Type, Type Of System, Status, Date of Expiry, Used By, and Action. The background features a vibrant, abstract design with swirling patterns and a heart shape.

Room No.	Directorate/Project/Team	Division/Section	System ID No.	Make	Model No.	Serial No.	Product No.	IP Address	MAC Address	DVD Type	Type Of System	Status	Date of Expiry	Used By	Action
Main Building	Directorate	DPO/TT	DFTT01	HP	HP Compaq Elite 8300	DH4316UW01	DOP93H4ACJ	10.66.64.113	6C:3D:85:33:81:0E	R	Desktop PC	Working	2016-10-21	PV Sureshu	<a href="#">Edit</a> <a href="#">Delete</a>
10th	10th	10th	1234	10th	10th	10th	10th	10.66.64.114	10th	10th	10th	10th	2010-06-16	1234	<a href="#">Edit</a> <a href="#">Delete</a>
10th	10th	10th	10th	10th	10th	10th	10th	10.66.64.115	10th	10th	10th	10th	2018-02-02	10th	<a href="#">Edit</a> <a href="#">Delete</a>
10th	10th	10th	10th	10th	10th	10th	10th	10.66.64.116	10th	10th	10th	10th	2017-06-20	10th	<a href="#">Edit</a> <a href="#">Delete</a>
10th	10th	10th	10th	10th	10th	10th	10th	10.66.64.117	10th	10th	10th	10th	2017-07-18	10th	<a href="#">Edit</a> <a href="#">Delete</a>
10th	10th	10th	10th	10th	10th	10th	10th	10.66.64.118	10th	10th	10th	10th	2017-07-18	10th	<a href="#">Edit</a> <a href="#">Delete</a>

## 6.5 User Details

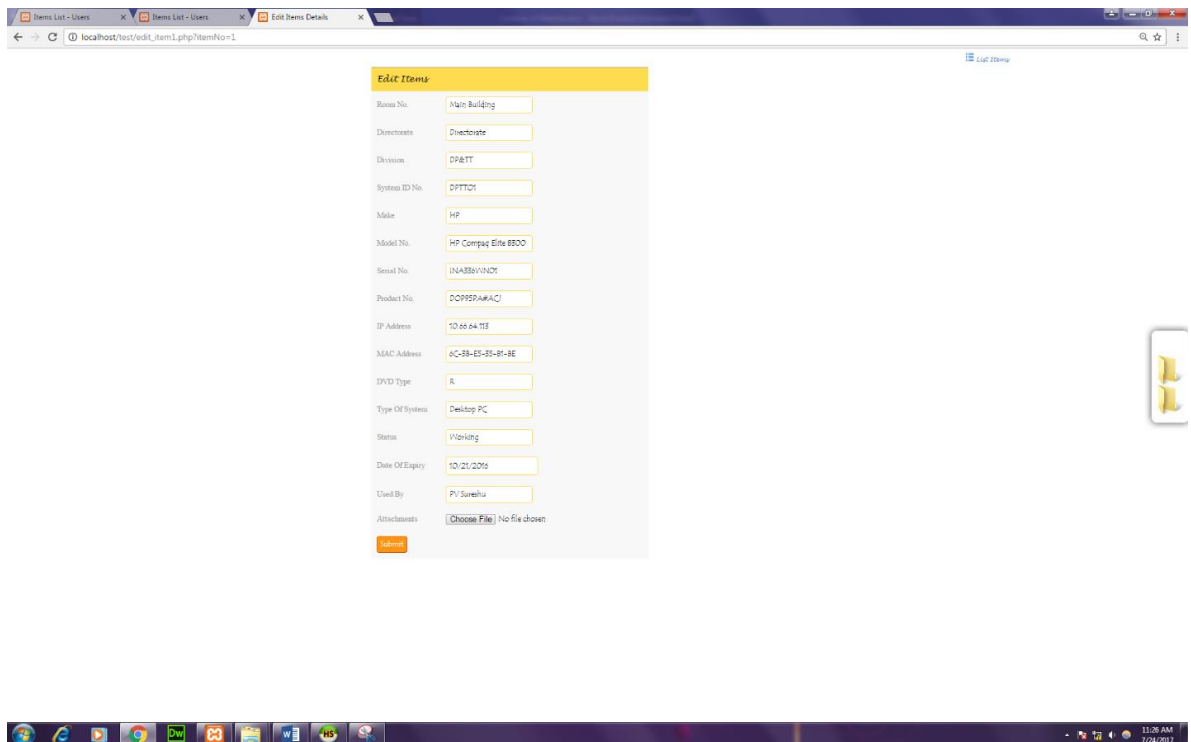
This is the home page where a admin sees all the users and can manage the users and can modify or delete the users. This was restricted only to the admins.



## 6.6 Item Details Editing Page

This is the place where we can edit the already or previously added items. The filled data will appear in the approximate columns which makes us to edit the content easily. After Editing the Submit button helps to submit the data without changing the previously given Item No. After Submitting the edited Items data, we can see the notification regarding the successful editing of the data. This is restricted to only admins. Users can only see the data. They have no rights to edit it.

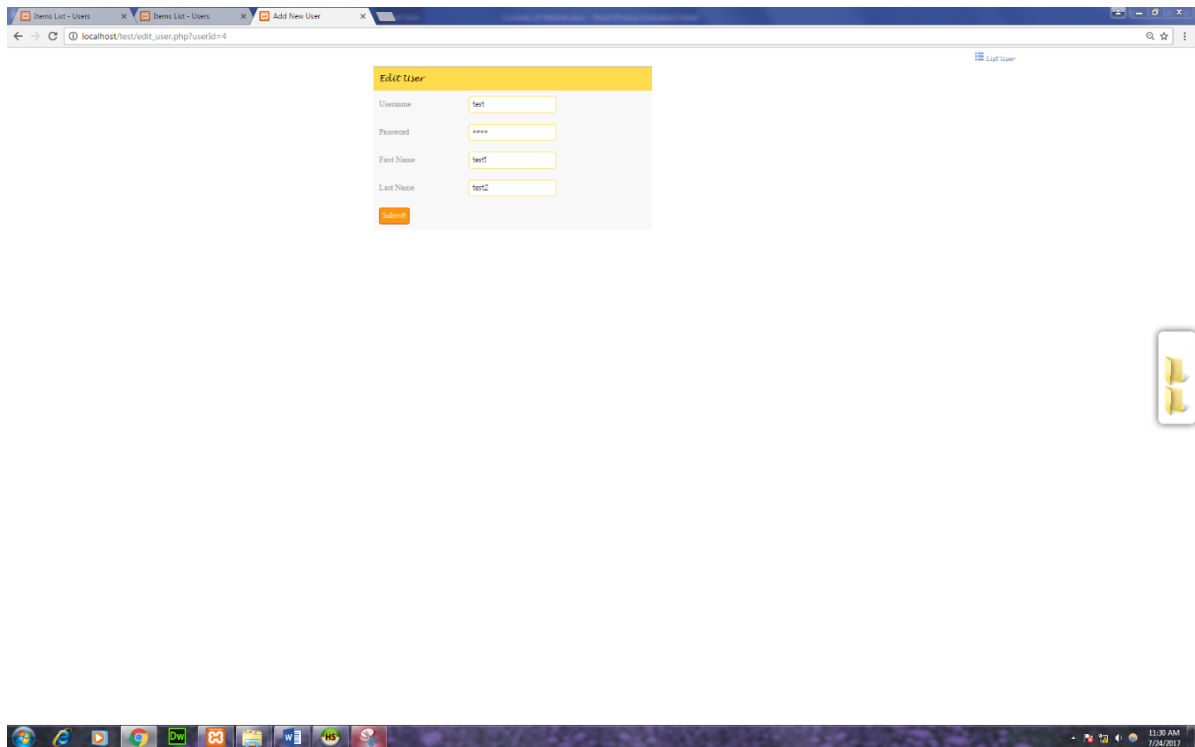




## 6.7 User Details Editing Page

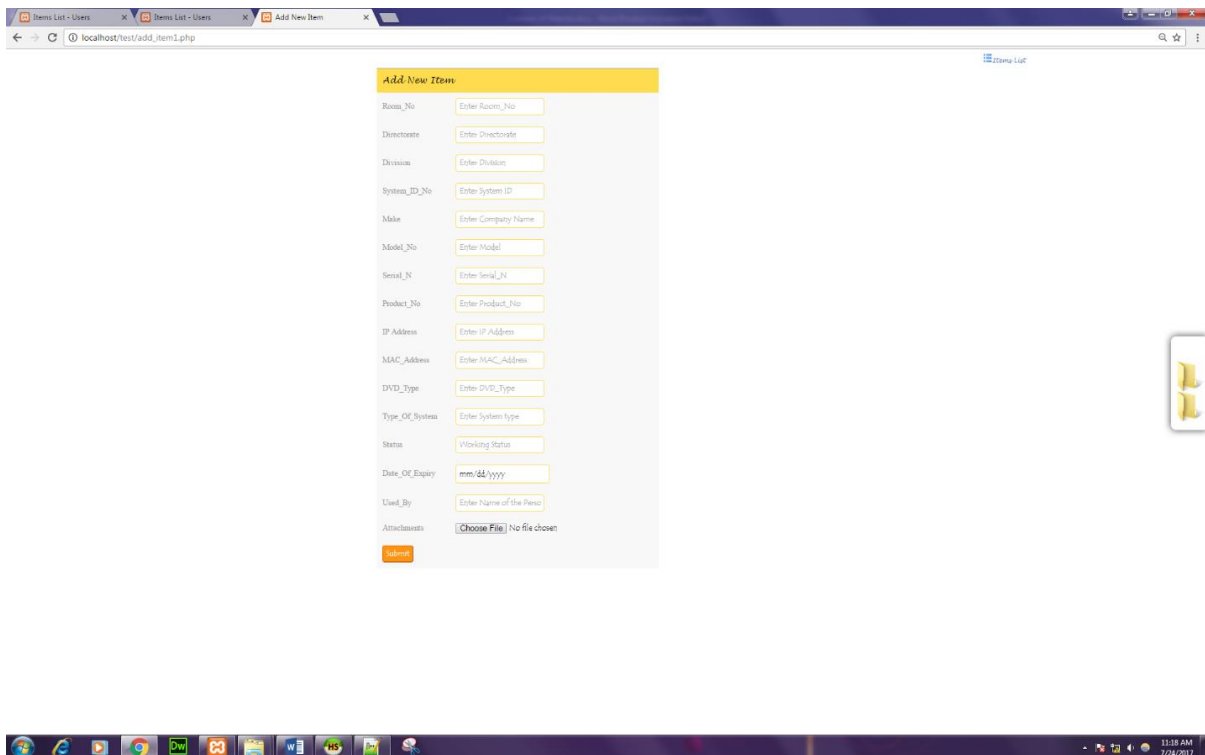
This is the place where only admins can see and helps to manage the Users data like changing the password, changing names etc., It is restricted to only admins Users are unable to access to this page.

This helps when a user wants to change the user name and forgets the password etc., After Submitting the Users edited data, we can see the notification regarding the successful entry of the data



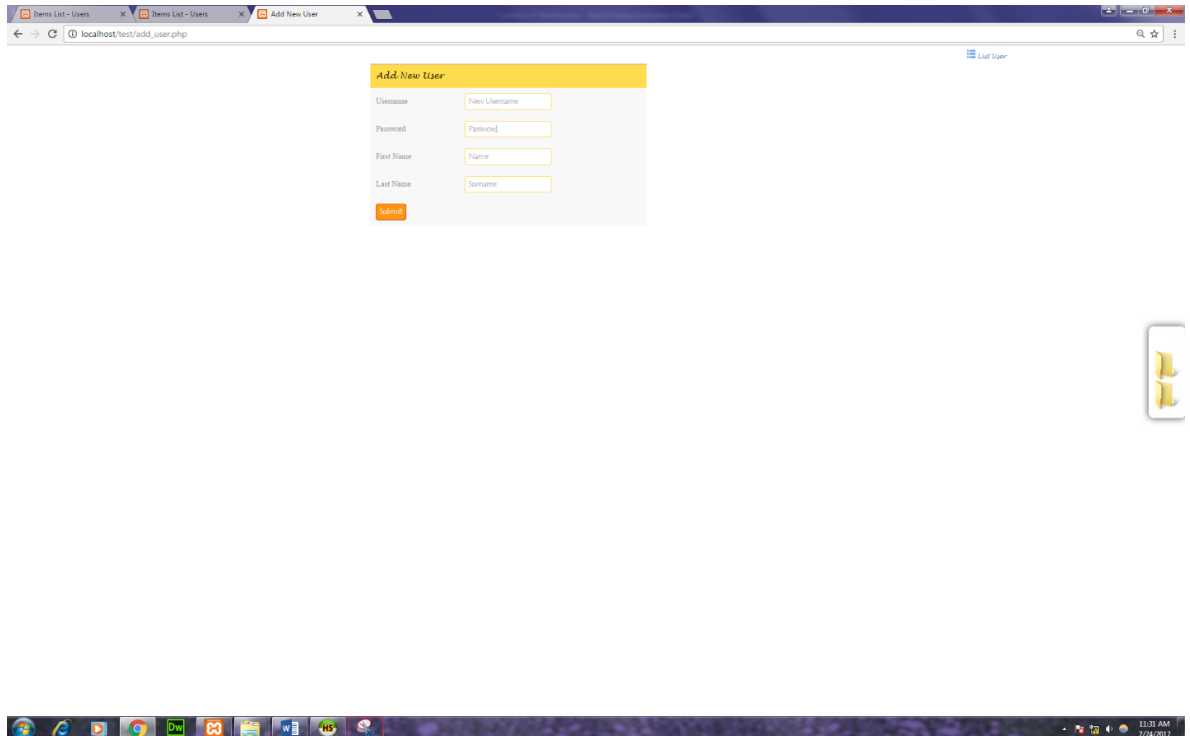
## 6.8 Adding New Item Details

This is the place where we can add a new item into our database. No. of columns appear on this page regarding our requirement. We can add a new item details with an attachment. This Directly Stores the data into our database. After Submitting the New Items data, we can see the notification regarding the successful entry of the data.















## 6.9 Adding New User Details

This is the place an admin can add a new user. Here Username First Name Last Name Password columns appear in which the Username and Password Helps in Logging in into the website. These data will Be stored in the Database that appears as a list of users in the main.php



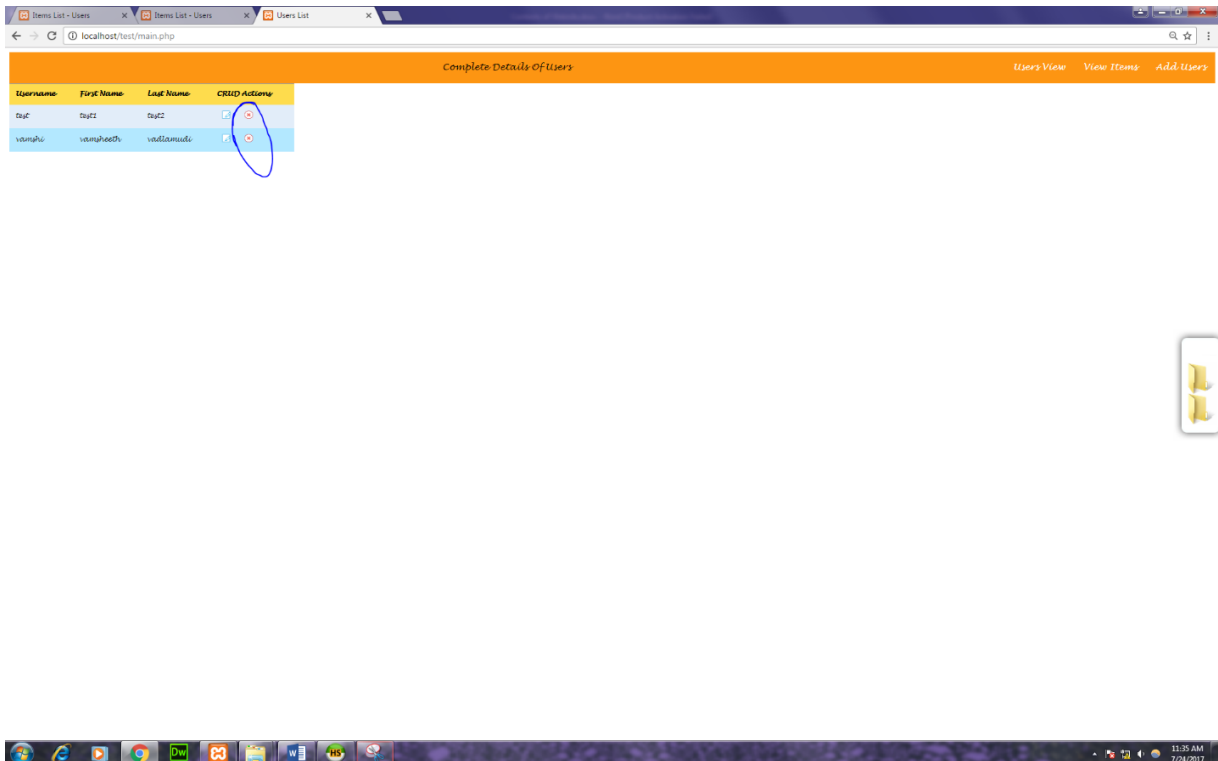
## 6.10 Deleting Item Details

This page helps us to delete the Expired Content from the database. This option can be found at the end of each item column. Where it is directly deleted from the database and cannot be retracedable i.e., we cannot get back once deleted. This Option will appear only in the admin view. Users can't be able to find the option of delete in their home page.

Name	Directory/Project/Team	Division/Section	System ID No.	Make	Model No.	Serial No.	Product No.	IP Address	MAC Address	DVD Type	Type of System	Status	Date of Expiry	User By	Action
Main Building	Directorate	DP&TT	DP&TT01	HP	HP Compaq Elite 8300	DVA336U/ND1	DOP93P4AACJ	10.66.64.113	6C-39-E3-33-01-0E	R	Desktop PC	Working	2016-10-21	PV Sureshu	 
1704C	1704C	1704C	1234	1704C	1704C	1704C	1704C	10.66.64.114	1704C	1704C	1704C	1704C	2020-06-16	12345	 
nael	nael	nael	nael	nael	nael	nael	nael	nael	nael	nael	nael	nael	2018-01-01	vamshi	 
4564	dp&tt	project	12345678901234	adhu6666666666	4564djh	hu666666	1234	10.40.64.66	dega6666	rtar	dgert	good	2017-06-20	prashanthu	 
de	g&g	h&	k	k	k	k	k	h&	h&h	h&	h&	h&	2017-07-18	h&g	 
de	g&g	h&	k	k	k	k	k	h&	h&h	h&	h&	h&	2017-07-18	h&g	 

## 6.11 Deleting User Details

This Option will appear in the main.php where this option helps to remove the users from accessing into website. This option can be find at the end of each user column Where it is directly deleted from the database and cannot be retraceable i.e., we cannot get back the user details once deleted.



## 6.12 Exporting as Excel Sheet

This is the main part of the Site where the data we entered and saved into the database if needed off-line this tool with the help of pure-php helps us to get the whole details in the database as an excel sheet.

Items List - Users

Items List - Users

Items List - Users

localhost/test/users.php

Search

Search

Export

ADD Items

Logout

Complete Details Of Items

Room No.	Directorate/Project/Town	Division/Section	System ID No.	Make	Model No.	Serial No.	Product No.	IP Address	MAC Address	DVD Type	Type Of System	Status	Date of Expiry	Used By personal	Attachments
Main Building	Directorate	DP&T	DPTT01	HP	HP Compaq Elite 8300	1N43J6W101	DOP59H4ACJ	10.66.64.113	6C-39-ES-35-B1-0E	R	Desktop PC	Working	2016-10-11	PV Suresh	<a href="#">DPTT_1 (1)</a>
11st	11st	11st	1234	11st	11st	11st	11st	10.66.64.114	11st	11st	11st	11st	2020-06-16	12345	<a href="#">DPTT_1 (2)</a>
as	as	as	as	as	as	as	as	as	as	as	as	as	2018-01-02	vamshi	<a href="#">DPTT_1 (3)</a>
4564	dptt	ptdd	1258749634586	sdhu5686456djh	h566563	1299	10.40.64.66	dgdg54	rter	dger	good	2017-06-20	prashanth	<a href="#">DPTT_1 (4)</a>	
ds	gfg	hk	k	kjh	k	k	kh	kh	khkh	kh	kh	kh	2017-07-18	hhlg	<a href="#">DPTT_1 (5)</a>
ds	gfg	hk	k	kjh	k	k	kh	kh	khkh	kh	kh	kh	2017-07-18	hhlg	<a href="#">DPTT_1 (6)</a>

Items\_Report (5) - Excel (Product Activation Failed)

FileHomeInsertPage LayoutFormulasDataReviewViewTell me what you want to do...

Calibri11A A

General

NormalBadGoodNeutralCalculation

Check CellExplanatory...InputLinked CellNote

ClipboardFontAlignmentNumber

Conditional FormattingTable

Styles

InsertDeleteFormat

AutosumFillClear

Sort & Find & FilterSelect

Editing

A1

ItemNo

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC
ItemNo	Room_No	Directorat	Division	System_Id	Make	Model_No	Serial_No	Product_No	IP_Address	MAC_Add	DVD_Type	Type_Of	Status	Date_Of	Used_By	Files												
1	Main Bldg	Directorat	DP&T	DPTT01	HP	HP Compaq	1N43J6W101	DOP59H4ACJ	10.66.64.113	6C-39-ES-35-B1-0E	R	Desktop P	Working	2016-10-11	PV Suresh	DPTT_1 (1)												
2	11st	11st	11st	1234	11st	11st	11st	11st	10.66.64.114	11st	11st	11st	11st	2020-06-16	12345	DPTT_1 (2)												
3	as	as	as	as	as	as	as	as	as	as	as	as	as	2/2/2018	vamshi	DPTT_1 (3)												
4	4564	dptt	ptdd	1.26E+12	sdhu5686456djh	h566563	1299	10.40.64.66	dgdg54	rter	dger	good	2017-06-20	prashanth	DPTT_1 (4)													
5	ds	gfg	hk	k	kjh	k	k	kh	kh	khkh	kh	kh	kh	2017-07-18	hhlg	DPTT_1 (5)												
6	ds	gfg	hk	k	kjh	k	k	kh	kh	khkh	kh	kh	kh	2017-07-18	hhlg	DPTT_1 (6)												
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Items\_Report (5)

Ready

11:39 AM

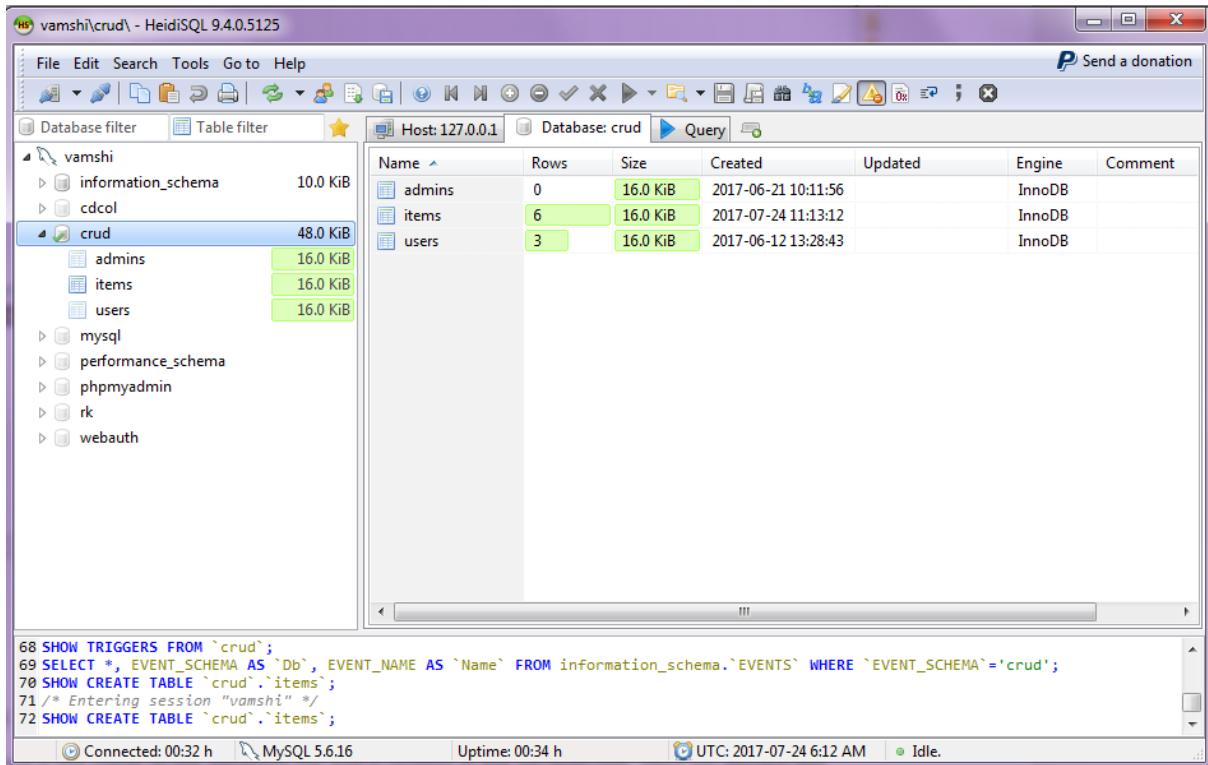
## 6.13 Database Tables

Crud is the name of the database file and is written in the sql language. Here we declare the different tables like Admin, Users, and Items. In which different columns will be declared as per our needy.

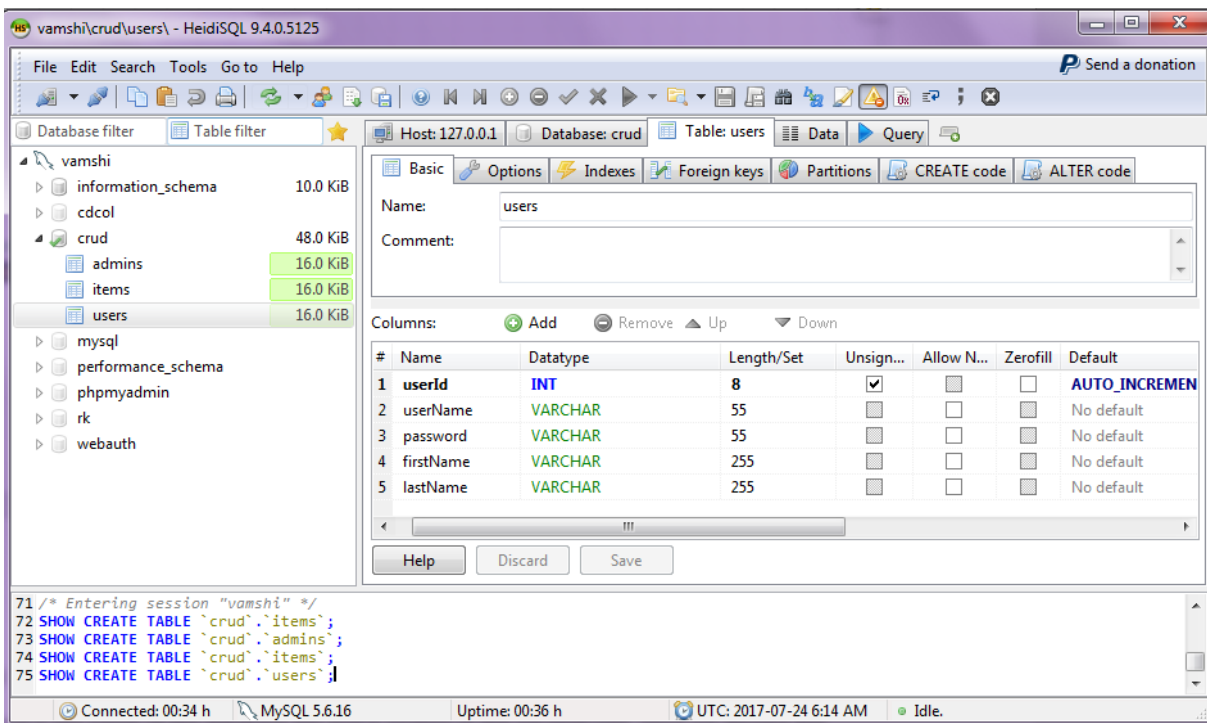
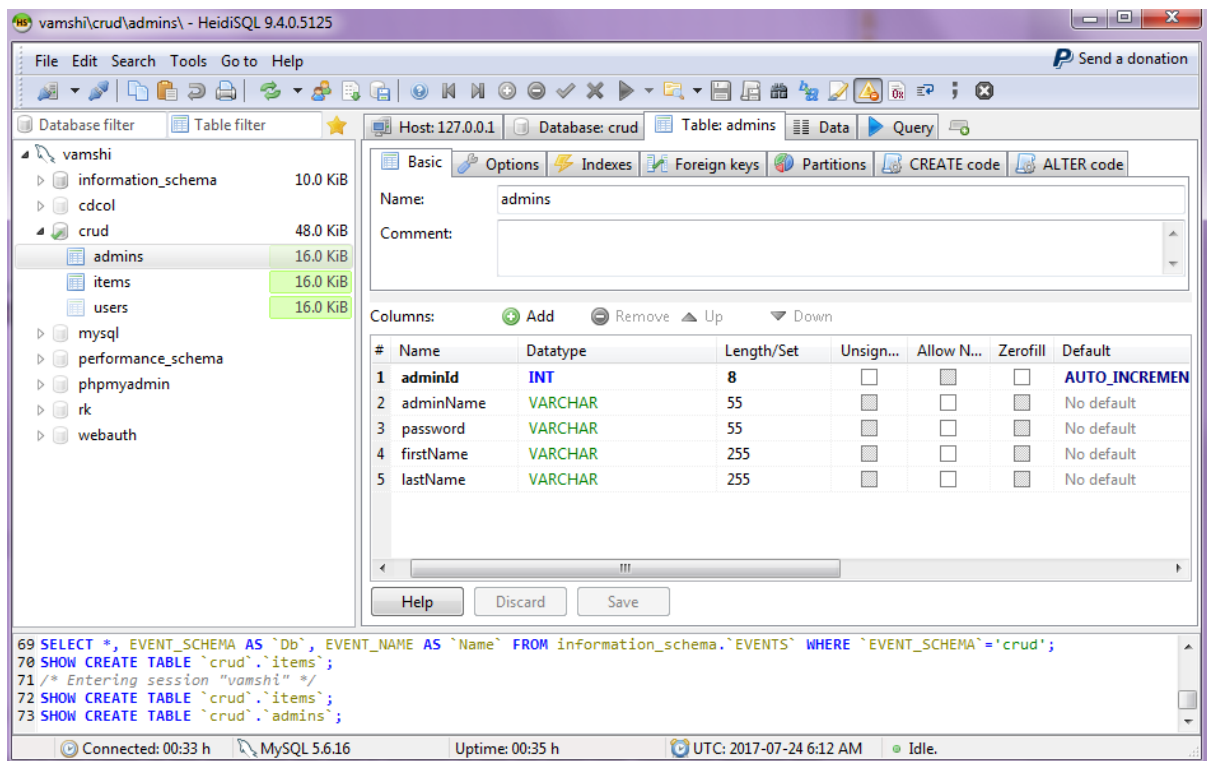
**Admin Table:** This table is used as an authenticator for the admin login. This table contains adminId, adminName, password, firstName, lastName.

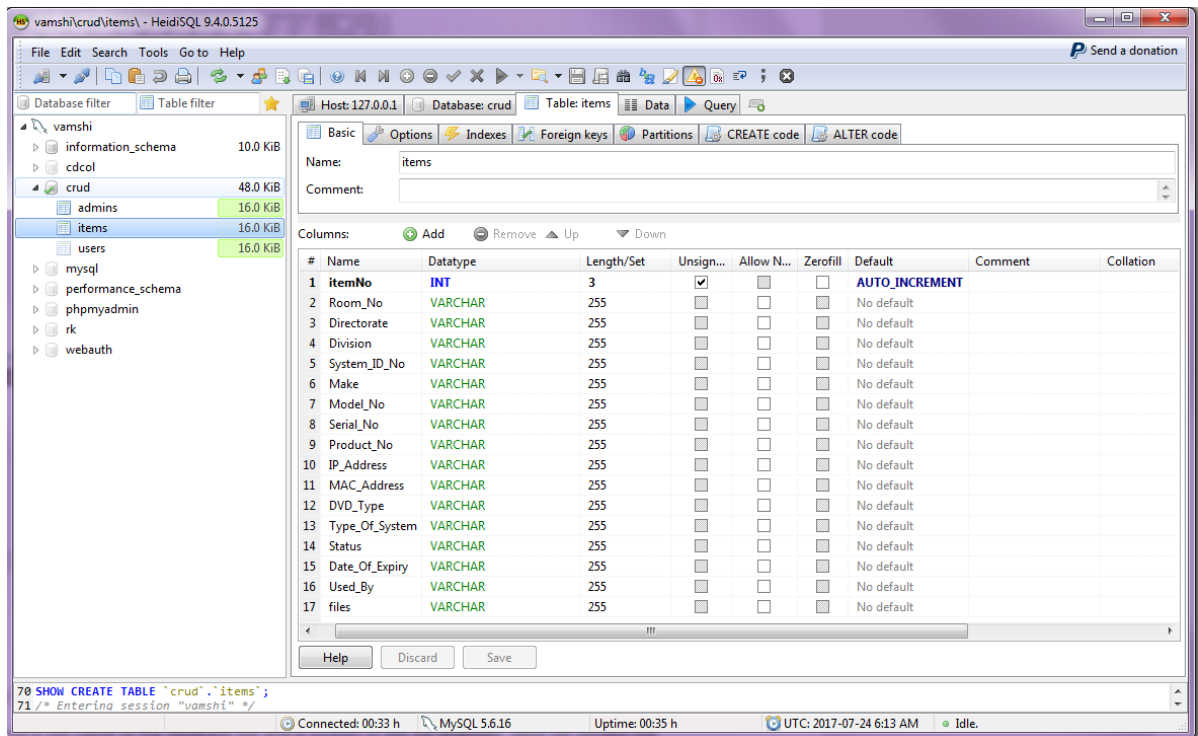
**Users Table:** This table is used as an authenticator for the User login. This table contains UserId, userName, password, firstName, lastName.

**Items Table:** This is the table to store Information. As per our convenient we have taken some columns like Room\_No, Directorate, Division, System\_ID\_No, Make, Model\_No, serial\_No, Product\_No, IP\_Address, MAC\_Address, DVD\_Type, Type\_of\_System, Status, Date\_of\_Expiry, Used\_by, files.









## 6.14 Database Connection

This is the php file that helps to connect the database and the site so that the data we entered and the data we see can be stored and seen back. Incorrect details lead to the error in showing the details sometimes unable to access the site.

## 6.15 Database Test

When we run this this helps us to find whether the database and the php connect or not. Any errors between the connections leads to display errors in this file otherwise a message showing Connection successful appears on the screen

## 6.16 Style Sheet

It is the Face of the website. Here the Colors, fonts, Size, Size of each block etc., will be declared any change in this one file leads to the change of display in each and every file that is linked with the styles.css.

## 6.17 Secure Logout

This is the secure logout page which can safely logout from our website. To avoid use of any other unauthorized usage of the data this will help us.

## 6.18 Search Algorithm

This is the code that helps us to use the search bar in the users.php.

### **6.19 Upload Algorithm**

Here we are using this code to access only some types of extensions and place to where the uploaded content is stored.

### **6.20 Uploads Folder**

It is the place/folder where the uploaded content is stored.

### **6.21 Export Algorithm**

This will help us to download the content stored in the database in the form of an excel sheet.

### **6.22 SQL Queries**

Here there are multiple sql codes for different types of databases i.e., MySQL, PostgreSQL, HeidiSQL

## 1.0 Source Code

### 1.1 add\_item1.php

```
<?php
if(count($_POST)>0) {
    require_once("db.php");
    $sql = "INSERT INTO `crud`.`items` (`Room_No`, `Directorate`, `Division`,
`System_ID_No`, `Make`, `Model_No`, `Serial_No`, `Product_No`, `IP_Address`,
`MAC_Address`, `DVD_Type`, `Type_Of_System`, `Status`, `Date_Of_Expiry`, `Used_By`,
`files`) VALUES ('" . $_POST["Room_No"] . "', '" . $_POST["Directorate"] . "', '" .
$_POST["Division"] . "', '" . $_POST["System_ID_No"] . "', '" . $_POST["Make"] . "', '" .
$_POST["Model_No"] . "', '" . $_POST["Serial_No"] . "', '" . $_POST["Product_No"] . "', '" .
$_POST["IP_Address"] . "', '" . $_POST["MAC_Address"] . "', '" . $_POST["DVD_Type"] . "',
'" . $_POST["Type_Of_System"] . "', '" . $_POST["Status"] . "', '" .
$_POST["Date_Of_Expiry"] . "', '" . $_POST["Used_By"] . "', '" . $_POST["files"] . "')";

    mysqli_query($conn,$sql);
    $current_id = mysqli_insert_id($conn);
    if(!empty($current_id)) {
        $message = "New Item Added Successfully";
    }
}
?>
<html>
<head>
<title>Add New Item</title>
<link rel="stylesheet" type="text/css" href="styles.css" />
</head>
<body>
<!-- item Number is auto increment you should not increment
No spaces in variables
`itemNo.` -->
<form name="frmUser" method="post" action="" type="multipurpose">
<div style="width:1800px;">
<div class="message"><?php if(isset($message)) { echo $message; } ?></div>
<div align="right" style="padding-bottom:5px;"><a href="users.php"
class="link"><img alt='List' title='List' src='images/list.png' width='15px'
```

```

height='15px'/>Items List</a></div>
<table border="0" cellpadding="10" cellspacing="0" width="500" align="center"
class="tblSaveForm">
<tr class="tableheader">
<td colspan="2">Add New Item</td>
</tr>

<tr>
<td><label>Room_No</label></td>
<td><input type="text" name="Room_No" class="txtField" placeholder="Enter
Room_No"></td>
</tr>

<tr>
<td><label>Directorate</label></td>
<td><input type="text" name="Directorate" class="txtField" placeholder="Enter
Directorate"></td>
</tr>

<tr>
<td><label>Division</label></td>
<td><input type="text" name="Division" class="txtField" placeholder="Enter
Division"></td>
</tr>

<tr>
<td><label>System_ID_No</label></td>
<td><input type="text" name="System_ID_No" class="txtField" placeholder="Enter
System ID"></td>
</tr>

<tr>
<td><label>Make</label></td>
<td><input type="text" name="Make" class="txtField" placeholder="Enter Company
Name"></td>
</tr>

<tr>
<td><label>Model_No</label></td>

```

```

<td><input type="text" name="Model_No" class="txtField" placeholder="Enter Model
"></td>
</tr>

<tr>
<td><label>Serial_N</label></td>
<td><input type="text" name="Serial_No" class="txtField" placeholder="Enter
Serial_N"></td>
</tr>

<tr>
<td><label>Product_No</label></td>
<td><input type="text" name="Product_No" class="txtField" placeholder="Enter
Product_No"></td>
</tr>

<tr>
<td><label>IP Address</label></td>
<td><input type="text" name="IP_Address" class="txtField" placeholder="Enter IP
Address"></td>
</tr>

<tr>
<td><label>MAC_Address</label></td>
<td><input type="text" name="MAC_Address" class="txtField" placeholder="Enter
MAC_Address"></td>
</tr>

<tr>
<td><label>DVD_Type</label></td>
<td><input type="text" name="DVD_Type" class="txtField" placeholder="Enter
DVD_Type"></td>
</tr>

<tr>
<td><label>Type_Of_System</label></td>
<td><input type="text" name="Type_Of_System" class="txtField" placeholder="Enter
System type"></td>

```

```

</tr>

<tr>
<td><label>Status</label></td>
<td><input type="text" name="Status" class="txtField" placeholder="Working
Status"></td>
</tr>

<tr>
<td><label>Date_Of_Expiry</label></td>
<td><input type="date" name="Date_Of_Expiry" class="txtField" placeholder="Expiry
Date"></td>
</tr>

<tr>
<td><label>Used_By</label></td>
<td><input type="text" name="Used_By" class="txtField" placeholder="Enter Name of
the Person"></td>
</tr>

<tr>
<td><label>Attachments</label></td>
<td><input type="file" enctype="multipart/form-data" name="file" method="post"
action="upload.php"></td>
</tr>

<tr>
<td colspan="2"><input type="submit" name="submit" value="Submit"
class="btnSubmit"></td>
</tr>
</table>
</div>
</form>
</body></html>

```

## 1.2 add\_user.php

```

<?php
if(count($_POST)>0) {
    require_once("db.php");

```

```

        $sql = "INSERT INTO users (userName, password, firstName, lastName)
VALUES ('" . $_POST["userName"] . "','" . $_POST["password"] . "','" .
$_POST["firstName"] . "','" . $_POST["lastName"] . "')";
        mysqli_query($conn,$sql);
        $current_id = mysqli_insert_id($conn);
        if(!empty($current_id)) {
            $message = "New User Added Successfully";
        }
    }
?>
<html>
<head>
<title>Add New User</title>
<link rel="stylesheet" type="text/css" href="styles.css" />
</head>
<body>
<form name="frmUser" method="post" action="">
<div style="width:1800px;">
<div class="message"><?php if(isset($message)) { echo $message; } ?></div>
<div align="right" style="padding-bottom:5px;"><a href="main.php"
class="link"><img alt='List' title='List' src='images/list.png' width='15px'
height='15px' /> List User</a></div>
<table border="0" cellpadding="10" cellspacing="0" width="500" align="center"
class="tblSaveForm">
<tr class="tableheader">
<td colspan="2">Add New User</td>
</tr>
<tr>
<td><label>Username</label></td>
<td><input type="text" name="userName" class="txtField" placeholder="New
Username"></td>
</tr>
<tr>
<td><label>Password</label></td>
<td><input type="password" name="password" class="txtField"
placeholder="Password"></td>
</tr>
<tr>
<td><label>First Name</label></td>
<td><input type="text" name="firstName" class="txtField"

```



```

placeholder="Name"></td>
</tr>
<td><label>Last Name</label></td>
<td><input type="text" name="lastName" class="txtField"
placeholder="Surname"></td>
</tr>
<tr>
<td colspan="2"><input type="submit" name="submit" value="Submit"
class="btnSubmit"></td>
</tr>
</table>
</div>
</form>
</body></html>

```

### 1.3 crud.sql

```

-----
-- Host:                127.0.0.1
-- Server version:      5.6.16 - MySQL Community Server (GPL)
-- Server OS:          Win32
-- HeidiSQL Version:    9.4.0.5125
-----

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET NAMES utf8 */;
/*!50503 SET NAMES utf8mb4 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS,
FOREIGN_KEY_CHECKS=0 */;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE,
SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;

-- Dumping database structure for crud
CREATE DATABASE IF NOT EXISTS `crud` /*!40100 DEFAULT CHARACTER SET latin1
*/;
USE `crud`;

-- Dumping structure for table crud.admins
CREATE TABLE IF NOT EXISTS `admins` (

```

```

`adminId` int(8) NOT NULL AUTO_INCREMENT,
`adminName` varchar(55) NOT NULL,
`password` varchar(55) NOT NULL,
`firstName` varchar(255) NOT NULL,
`lastName` varchar(255) NOT NULL,
PRIMARY KEY (`adminId`)
) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=latin1;

-- Dumping data for table crud.admins: ~1 rows (approximately)
/*!40000 ALTER TABLE `admins` DISABLE KEYS */;
REPLACE INTO `admins` (`adminId`, `adminName`, `password`, `firstName`,
`lastName`) VALUES
      (1, 'Kennady', '1234', 'vamshi', 'vadlamudi');
/*!40000 ALTER TABLE `admins` ENABLE KEYS */;

-- Dumping structure for table crud.items
CREATE TABLE IF NOT EXISTS `items` (
  `itemNo` int(3) unsigned NOT NULL AUTO_INCREMENT,
  `Room_No` varchar(255) NOT NULL,
  `Directorate` varchar(255) NOT NULL,
  `Division` varchar(255) NOT NULL,
  `System_ID_No` varchar(255) NOT NULL,
  `Make` varchar(255) NOT NULL,
  `Model_No` varchar(255) NOT NULL,
  `Serial_No` varchar(255) NOT NULL,
  `Product_No` varchar(255) NOT NULL,
  `IP_Address` varchar(255) NOT NULL,
  `MAC_Address` varchar(255) NOT NULL,
  `DVD_Type` varchar(255) NOT NULL,
  `Type_Of_System` varchar(255) NOT NULL,
  `Status` varchar(255) NOT NULL,
  `Date_Of_Expiry` varchar(255) NOT NULL,
  `Used_By` varchar(255) NOT NULL,
  `files` varchar(255) NOT NULL,
  PRIMARY KEY (`itemNo`)
) ENGINE=InnoDB AUTO_INCREMENT=7 DEFAULT CHARSET=latin1;

-- Dumping data for table crud.items: ~6 rows (approximately)
/*!40000 ALTER TABLE `items` DISABLE KEYS */;

```

```

REPLACE INTO `items` (`itemNo`, `Room_No`, `Directorate`, `Division`, `System_ID_No`,
`Make`, `Model_No`, `Serial_No`, `Product_No`, `IP_Address`, `MAC_Address`,
`DVD_Type`, `Type_Of_System`, `Status`, `Date_Of_Expiry`, `Used_By`, `files`) VALUES
    (1, 'Main Building', 'Directorate', 'DP&TT', 'DPTT01', 'HP', 'HP Compaq Elite
8300', 'INA336WN01', 'DOP95PA#ACJ', '10.66.64.113', '6C-3B-E5-35-B1-BE', 'R',
'Desktop PC', 'Working', '2016-10-21', 'PV Sureshu', 'DPTT_1 (1)'),
    (2, '1test', '1test', '1test', '1234', '1test', '1test', '1test', '1test', '10.66.64.114',
'1test', '1test', '1test', '1test', '2020-06-16', '12345', 'DPTT_1 (2)'),
    (3, 'asd', 'asd', 'asd', 'asd', 'asd', 'asd', 'asd', 'asd', 'asd', 'asd', 'asd', 'asd', 'asd',
'2018-02-02', 'vamshi', 'DPTT_1 (3)'),
    (4, '4564', 'dptt', 'ptdd', '1259749654586', 'sdhu5686fjuyie', '456dhjh',
'hi566563', '1299', '10.40.64.66', 'dfgdfg54', 'rter', 'dgert', 'good', '2017-06-20',
'prashanthi', 'DPTT_1 (4)'),
    (5, 'ds', 'gjk', 'hk', 'k', 'kjk', 'k', 'k', 'kh', 'hk', 'khkh', 'kh', 'kh', 'kh', '2017-07-18',
'hhljg', 'DPTT_1 (5)'),
    (6, 'ds', 'gjk', 'hk', 'k', 'kjk', 'k', 'k', 'kh', 'hk', 'khkh', 'kh', 'kh', 'kh', '2017-07-18',
'hhljg', 'DPTT_1 (6)');
/*!40000 ALTER TABLE `items` ENABLE KEYS */;

-- Dumping structure for table crud.users
CREATE TABLE IF NOT EXISTS `users` (
  `userId` int(8) unsigned NOT NULL AUTO_INCREMENT,
  `userName` varchar(55) NOT NULL,
  `password` varchar(55) NOT NULL,
  `firstName` varchar(255) NOT NULL,
  `lastName` varchar(255) NOT NULL,
  PRIMARY KEY (`userId`)
) ENGINE=InnoDB AUTO_INCREMENT=5 DEFAULT CHARSET=latin1;

-- Dumping data for table crud.users: ~2 rows (approximately)
/*!40000 ALTER TABLE `users` DISABLE KEYS */;
REPLACE INTO `users` (`userId`, `userName`, `password`, `firstName`, `lastName`)
VALUES
    (2, 'vamshi', '1234', 'vamsheeth', 'vadlamudi'),
    (4, 'test', 'test', 'test1', 'test2');
/*!40000 ALTER TABLE `users` ENABLE KEYS */;

/*!40101 SET SQL_MODE=IFNULL(@OLD_SQL_MODE, '') */;
/*!40014 SET FOREIGN_KEY_CHECKS=IF(@OLD_FOREIGN_KEY_CHECKS IS NULL, 1,

```

```
@OLD_FOREIGN_KEY_CHECKS) */;  
/!*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
```

## 1.4 db.php

```
<?php  
    $conn = mysqli_connect('localhost','root','','crud');  
?>
```

## 1.5 db\_test.php

```
<?php  
  
# Fill our vars and run on cli  
  
# $ php -f db-connect-test.php  
  
$dbname = 'crud';  
  
$dbuser = 'root';  
  
$dbpass = '';  
  
$dbhost = 'localhost';  
  
  
$link = mysqli_connect($dbhost, $dbuser, $dbpass) or die("Unable to Connect to  
'$dbhost'");  
  
mysqli_select_db($link, $dbname) or die("Could not open the db '$dbname'");  
  
  
$test_query = "SHOW TABLES FROM $dbname";  
  
$result = mysqli_query($link, $test_query);
```

```

$tblCnt = 0;

while($tbl = mysqli_fetch_array($result)) {

    $tblCnt++;

    #echo $tbl[0]."<br />\n";

}

if (!$tblCnt) {

    echo "There are no tables<br />\n";

} else {

    echo "There are $tblCnt tables<br />\n";

}

```

### 1.6 delete\_item1.php

```

<?php
require_once("db.php");
$sql = "DELETE FROM Items WHERE itemNo=" . $_GET["itemNo"] . " ";
mysqli_query($conn,$sql);
header("Location:main1.php");
?>

```

### 1.7 delete\_user.php

```

<?php
require_once("db.php");
$sql = "DELETE FROM users WHERE userId=" . $_GET["userId"] . " ";
mysqli_query($conn,$sql);
header("Location:main.php");

```

?>

## 1.8 download.php

```
<?php
define ("DB_HOST", "localhost");
define ("DB_USER", "root");
define ("DB_PASS", "");
define ("DB_NAME", "crud");

$link = mysql_connect(DB_HOST, DB_USER, DB_PASS) or die("Couldn't make
connection.");
$db = mysql_select_db(DB_NAME, $link) or die("Couldn't select database");

$setCounter = 0;

$setExcelName = "Items";

$setSql = "select * from items";

$setRec = mysql_query($setSql);

$setCounter = mysql_num_fields($setRec);

$setMainHeader = "";

for ($i = 0; $i < $setCounter; $i++) {
    $setMainHeader .= mysql_field_name($setRec, $i)."\t";
}
$setData = "";

while($rec = mysql_fetch_row($setRec)) {
    $rowLine = "";
    foreach($rec as $value) {
        if(!isset($value) || $value == "") {
            $value = "\t";
        } else {
            //It escape all the special charactor, quotes from the data.
            $value = strip_tags(str_replace("'", "''", $value));
            $value = "'" . $value . "'\t";
        }
    }
}
```

```

    }
    $rowLine .= $value;
  }
  $setData .= trim($rowLine)."\n";
}
$setData = str_replace("\r", "", $setData);

if ($setData == "") {
  $setData = "\nno matching records found\n";
}

$setCounter = mysql_num_fields($setRec);

//This Header is used to make data download instead of display the data
header("Content-type: application/octet-stream");

header("Content-Disposition: attachment; filename=".$setExcelName."_Reoprt.xls");

header("Pragma: no-cache");
header("Expires: 0");

//It will print all the Table row as Excel file row with selected column name as
header.
echo ucwords($setMainHeader)."\n".$setData."\n";
?>

```

### 1.9 edit\_item1.php

```

<?php
require_once("db.php");
if(count($_POST)>0) {
    $sql = "UPDATE items SET   Room_No='".$_POST["Room_No"]."',
        Directorate='".$_POST["Directorate"]."',
        Division='".$_POST["Division"]."',
        System_ID_No='".$_POST["System_ID_No"]."',
        Make='".$_POST["Make"]."',
        Model_No='".$_POST["Model_No"]."',
        Serial_No='".$_POST["Serial_No"]."',

```

```

        Product_No="" . $_POST["Product_No"] . "",
        IP_Address="" . $_POST["IP_Address"] . "",
        MAC_Address="" . $_POST["MAC_Address"] . "",
        DVD_Type="" . $_POST["DVD_Type"] . "",
        Type_Of_System="" . $_POST["Type_Of_System"] . "",
        Status="" . $_POST["Status"] . "",
        Date_Of_Expiry="" . $_POST["Date_Of_Expiry"] . "",
        Used_By="" . $_POST["Used_By"] . "",
                                Attachments="" .
$_POST["Attachments"] . ""
                                                                    WHERE
`itemNo`= " . $_GET["itemNo"] . ";;

        mysqli_query($conn,$sql);
        $message = "Record Modified Successfully";
    }
    $select_query = "SELECT * FROM items WHERE itemNo="" . $_GET["itemNo"] . """;
    $result = mysqli_query($conn,$select_query);
    $row = mysqli_fetch_array($result);
    ?>
    <html>
    <head>
    <title>Edit Items Details</title>
    <link rel="stylesheet" type="text/css" href="styles.css" />
    </head>
    <body>
    <style>
    <body>
        ul{

                padding:0;

                margin:0;

                list-style-type:none;

                overflow:hidden;

                background-color:#555555;

```



```

    }

    li{

        float:right;

    }

    li a{

        color:ff0000;

        display:block;

        text-align:center;

        padding:16px;

        text-decoration: none;

    }

    li a:hover{

        background-color:#ffff00;

    }

</style>

```

```

<form name="frmUser" method="post" action="">
<div style="width:1800px;">
<div class="message"><?php if(isset($message)) { echo $message; } ?></div>
<div align="right" style="padding-bottom:5px;"><a href="main1.php"
class="link"><img alt='List' title='List' src='images/list.png' width='15px'
height='15px' /> List Items</a></div>

```

```

<table border="0" cellpadding="10" cellspacing="0" width="500" align="center"
class="tblSaveForm">
<tr class="tableheader">
<td colspan="2">Edit Items</td>

</tr>
<td><label>Room No.</label></td>
<td><input type="text" name="Room_No" class="txtField" value="<?php echo
$row['Room_No']; ?>"></td>

</tr>
<td><label>Directorate</label></td>
<td><input type="text" name="Directorate" class="txtField" value="<?php echo
$row['Directorate']; ?>"></td>

</tr>
<td><label>Division</label></td>
<td><input type="text" name="Division" class="txtField" value="<?php echo
$row['Division']; ?>"></td>

</tr>
<td><label>System ID No.</label></td>
<td><input type="text" name="System_ID_No" class="txtField" value="<?php echo
$row['System_ID_No']; ?>"></td>

</tr>
<td><label>Make</label></td>
<td><input type="text" name="Make" class="txtField" value="<?php echo
$row['Make']; ?>"></td>

</tr>
<td><label>Model No.</label></td>
<td><input type="text" name="Model_No" class="txtField" value="<?php echo
$row['Model_No']; ?>"></td>

</tr>
<td><label>Serial No.</label></td>
<td><input type="text" name="Serial_No" class="txtField" value="<?php echo
$row['Serial_No']; ?>"></td>

```

```

</tr>
<td><label>Product No.</label></td>
<td><input type="text" name="Product_No" class="txtField" value="<?php echo
$row['Product_No']; ?>"></td>

</tr>
<td><label>IP Address </label></td>
<td><input type="text" name="IP_Address" class="txtField" value="<?php echo
$row['IP_Address']; ?>"></td>

</tr>
<td><label>MAC Address</label></td>
<td><input type="text" name="MAC_Address" class="txtField" value="<?php echo
$row['MAC_Address']; ?>"></td>

</tr>
<td><label>DVD Type</label></td>
<td><input type="text" name="DVD_Type" class="txtField" value="<?php echo
$row['DVD_Type']; ?>"></td>

</tr>
<td><label>Type Of System</label></td>
<td><input type="text" name="Type_Of_System" class="txtField" value="<?php echo
$row['Type_Of_System']; ?>"></td>

</tr>
<td><label>Status</label></td>
<td><input type="text" name="Status" class="txtField" value="<?php echo
$row['Status']; ?>"></td>

</tr>
<td><label>Date Of Expiry</label></td>
<td><input type="date" name="Date_Of_Expiry" class="txtField" value="<?php echo
$row['Date_Of_Expiry']; ?>"></td>
</tr>

<td><label>Used By</label></td>
<td><input type="text" name="Used_By" class="txtField" value="<?php echo

```

```

$row['Used_By']; ?>"></td>
</tr>

<td><label>Attachments</label></td>
<td><input type="file" name="Attachments" class="fileField" value="<?php echo
$row['file']; ?>"></td>
</tr>

<tr>
<td colspan="2"><input type="submit" name="submit" value="Submit"
class="btnSubmit"></td>
</tr>
</table>
</div>
</form>
</body></html>

```

### 1.10 edit\_user.php

```

<?php
require_once("db.php");
if(count($_POST)>0) {
    $sql = "UPDATE items SET   Room_No='".$_POST["Room_No"]."',
        Directorate='".$_POST["Directorate"]."',
        Division='".$_POST["Division"]."',
        System_ID_No='".$_POST["System_ID_No"]."',
        Make='".$_POST["Make"]."',
        Model_No='".$_POST["Model_No"]."',
        Serial_No='".$_POST["Serial_No"]."',
        Product_No='".$_POST["Product_No"]."',
        IP_Address='".$_POST["IP_Address"]."',
        MAC_Address='".$_POST["MAC_Address"]."',
        DVD_Type = '".$_POST["DVD_Type"]."',
        Type_Of_System='".$_POST["Type_Of_System"]."',
        Status='".$_POST["Status"]."',
        Date_Of_Expiry='".$_POST["Date_Of_Expiry"]."',
        Used_By='".$_POST["Used_By"]."',
                                Attachments='".$_
$_POST["Attachments"]."'
                                WHERE

```

```

`itemNo`= " . $_GET["itemNo"] . " ";

    mysqli_query($conn,$sql);
    $message = "Record Modified Successfully";
}
$select_query = "SELECT * FROM items WHERE itemNo=" . $_GET["itemNo"] . " ";
$result = mysqli_query($conn,$select_query);
$row = mysqli_fetch_array($result);
?>
<html>
<head>
<title>Edit Items Details</title>
<link rel="stylesheet" type="text/css" href="styles.css" />
</head>
<body>
<style>
<body>
    ul{

        padding:0;

        margin:0;

        list-style-type:none;

        overflow:hidden;

        background-color:#555555;

    }

    li{

        float:right;

    }

    li a{

```

```

        color:ff0000;

        display:block;

        text-align:center;

        padding:16px;

        text-decoration: none;

    }

    li a:hover{

        background-color:#ffff00;

    }

</style>

<form name="frmUser" method="post" action="">
<div style="width:1800px;">
<div class="message"><?php if(isset($message)) { echo $message; } ?></div>
<div align="right" style="padding-bottom:5px;"><a href="main1.php"
class="link"><img alt='List' title='List' src='images/list.png' width='15px'
height='15px' /> List Items</a></div>
<table border="0" cellpadding="10" cellspacing="0" width="500" align="center"
class="tblSaveForm">
<tr class="tableheader">
<td colspan="2">Edit Items</td>

</tr>
<td><label>Room No.</label></td>
<td><input type="text" name="Room_No" class="txtField" value="<?php echo
$row['Room_No']; ?>"></td>

</tr>

```

```

<td><label>Directorate</label></td>
<td><input type="text" name="Directorate" class="txtField" value="<?php echo
$row['Directorate']; ?>"></td>

</tr>
<td><label>Division</label></td>
<td><input type="text" name="Division" class="txtField" value="<?php echo
$row['Division']; ?>"></td>

</tr>
<td><label>System ID No.</label></td>
<td><input type="text" name="System_ID_No" class="txtField" value="<?php echo
$row['System_ID_No']; ?>"></td>

</tr>
<td><label>Make</label></td>
<td><input type="text" name="Make" class="txtField" value="<?php echo
$row['Make']; ?>"></td>

</tr>
<td><label>Model No.</label></td>
<td><input type="text" name="Model_No" class="txtField" value="<?php echo
$row['Model_No']; ?>"></td>

</tr>
<td><label>Serial No.</label></td>
<td><input type="text" name="Serial_No" class="txtField" value="<?php echo
$row['Serial_No']; ?>"></td>

</tr>
<td><label>Product No.</label></td>
<td><input type="text" name="Product_No" class="txtField" value="<?php echo
$row['Product_No']; ?>"></td>

</tr>
<td><label>IP Address </label></td>
<td><input type="text" name="IP_Address" class="txtField" value="<?php echo
$row['IP_Address']; ?>"></td>

```

```

</tr>
<td><label>MAC Address</label></td>
<td><input type="text" name="MAC_Address" class="txtField" value="<?php echo
$row['MAC_Address']; ?>"></td>

</tr>
<td><label>DVD Type</label></td>
<td><input type="text" name="DVD_Type" class="txtField" value="<?php echo
$row['DVD_Type']; ?>"></td>

</tr>
<td><label>Type Of System</label></td>
<td><input type="text" name="Type_Of_System" class="txtField" value="<?php echo
$row['Type_Of_System']; ?>"></td>

</tr>
<td><label>Status</label></td>
<td><input type="text" name="Status" class="txtField" value="<?php echo
$row['Status']; ?>"></td>

</tr>
<td><label>Date Of Expiry</label></td>
<td><input type="date" name="Date_Of_Expiry" class="txtField" value="<?php echo
$row['Date_Of_Expiry']; ?>"></td>
</tr>

<td><label>Used By</label></td>
<td><input type="text" name="Used_By" class="txtField" value="<?php echo
$row['Used_By']; ?>"></td>
</tr>

<td><label>Attachments</label></td>
<td><input type="file" name="Attachments" class="fileField" value="<?php echo
$row['file']; ?>"></td>
</tr>

<tr>
<td colspan="2"><input type="submit" name="submit" value="Submit"
class="btnSubmit"></td>

```



```

</tr>
</table>
</div>
</form>
</body></html>

```

## 1.11 index.php

```

<?php
require_once("db.php");
if(count($_POST)>0) {
    $sql = "SELECT * FROM users where userName='" . $_POST["userName"] . "'
AND password='" . $_POST["password"] . "'";
    $result = mysqli_query($conn,$sql);
    $rowcount = mysqli_num_rows($result);
    if($rowcount == 1)
    {
        header("Location:users.php");
    }
    else
    {
        $message = "Invalid Credentials";
    }
}
?>
<html>
<head>
<title>Login</title>
<link rel="stylesheet" type="text/css" href="styles.css" />
<meta http-equiv="Content-Type" content="text/html; charset=utf-8">
</head>
<body>
<form name="frmUser" method="post" action="">
<div style="width:1800px;">
<div class="message"><?php if(isset($message)) { echo $message; } ?></div>
<div align="right" style="padding-bottom:5px;"><a href="index1.php" class="link">
Admin Login</a></div>
<table border="0" cellpadding="10" cellspacing="0" width="500" align="center"
class="tblSaveForm">
<tr class="tableheader">

```

```

<td colspan="2">Login Here</td>
</tr>
<tr>
<td><label>Username</label></td>
<td><input type="text" name="userName" class="txtField" placeholder="Username
Here"></td>
</tr>
<tr>
<td><label>Password</label></td>
<td><input type="password" name="password" class="txtField" placeholder="Enter
Password"></td>
</tr>
</tr>
<tr>
<td colspan="2"><input type="submit" name="submit" value="Submit"
class="btnSubmit"></td>
</tr>
</table>
</div>
</form>
</body></html>

```

### 1.12 index1.php

```

<?php
require_once("db.php");
if(count($_POST)>0) {
    $sql = "SELECT * FROM admins where adminName='" . $_POST["userName"] . "'
AND password='" . $_POST["password"] . "'";
    $result = mysqli_query($conn,$sql);
    $rowcount = mysqli_num_rows($result);
    if($rowcount == 1)
    {
        header("Location:main1.php");
    }
    else
    {
        $message = "Invalid Credentials";
    }
}

```

```

}
?>
<html>
<head>
<title>Login</title>
<link rel="stylesheet" type="text/css" href="styles.css" />
<meta http-equiv="Content-Type" content="text/html; charset=utf-8">
</head>
<body>
<form name="frmUser" method="post" action="">
<div style="width:1800px;">
<div class="message"><?php if(isset($message)) { echo $message; } ?></div>
<div align="right" style="padding-bottom:5px;"><a href="index.php" class="link"> User
Login</a></div>
<table border="0" cellpadding="10" cellspacing="0" width="500" align="center"
class="tblSaveForm">
<tr class="tableheader">
<td colspan="2">Login Here</td>
</tr>
<tr>
<td><label>Username</label></td>
<td><input type="text" name="userName" class="txtField" placeholder="Username
Here"></td>
</tr>
<tr>
<td><label>Password</label></td>
<td><input type="password" name="password" class="txtField" placeholder="Enter
Password"></td>
</tr>
</tr>
<tr>
<td colspan="2"><input type="submit" name="submit" value="Submit"
class="btnSubmit"></td>
</tr>
</table>
</div>
</form>
</body></html>

```

### 1.13 logout.php

```
<?php

session_start();//session is a way to store information (in variables) to be used across
multiple pages.
session_destroy();
header("Location: index.php");//use for the redirection to some page
?>
```

### 1.14 main.php

```
<?php
require_once("db.php");
$sql = "SELECT * FROM users ORDER BY userId DESC";
$result = mysqli_query($conn,$sql);
?>
<html>
<head>
<title>Users List</title>
<link rel="stylesheet" type="text/css" href="styles.css" />
</head>
<body>
<style>
    ul{
        padding:0;
        margin:0;
        list-style-type:none;
        overflow:hidden;
        background-color:#fd9512;;
    }
    li{
        float:right;
    }
    li a{
        color:white;
        display:block;
        text-align:center;
        padding:16px;
```

```

        text-decoration: none;

    }
    li a:hover{
        background-color:F2EF40;
    }
</style>
</head>

<ul>
    <li><a href="add_user.php">Add Users</a></li>
    <li><a href="main1.php">View Items</a></li>
    <li><a href="users.php">Users View</a></li>

    <tr class="listheader">
        <div align="Center " style="padding-top:15px;">    <td>Complete Details Of
Users</td>
    <tr class="listheader">
    </tr>
    </ul>
<form name="frmUser" method="post" action="">
<div style="width:500px;">
<div class="message"><?php if(isset($message)) { echo $message; } ?></div>

<table border="0" cellpadding="10" cellspacing="1" width="500"
class="tblListForm">
<tr class="listheader">
<td>Username</td>
<td>First Name</td>
<td>Last Name</td>
<td>CRUD Actions</td>
</tr>
<?php
$i=0;
while($row = mysqli_fetch_array($result)) {
if($i%2==0)
$classname="evenRow";
else
$classname="oddRow";
?>

```

```

<tr class="<?php if(isset($classname)) echo $classname;?>">
<td><?php echo $row["userName"]; ?></td>
<td><?php echo $row["firstName"]; ?></td>
<td><?php echo $row["lastName"]; ?></td>
<td><a href="edit_user.php?userId=<?php echo $row["userId"]; ?>" class="link"><img
alt='Edit' title='Edit' src='images/edit.png' width='15px' height='15px' hspace='10'
/></a> <a href="delete_user.php?userId=<?php echo $row["userId"]; ?>"
class="link"><img alt='Delete' title='Delete' src='images/delete.png' width='15px'
height='15px' hspace='10' /></a></td>
</tr>
<?php
$i++;
}
?>
</table>
</form>
</div>
</body></html>

```

### 1.15 main1.php

```

<?php
require_once("db.php");
$sql = "SELECT * FROM Items";
$result = mysqli_query($conn,$sql);
?>

<html>
<head>
<title>Items List</title>
<link rel="stylesheet" type="text/css" href="styles.css" />
</head>
<body>
<style>
    ul{
        padding:0;
        margin:0;

```

```

        list-style-type:none;
        overflow:hidden;
        background-color:#fd9512;;
    }
    li{
        float:right;
    }
    li a{
        color:white;
        display:block;
        text-align:center;
        padding:16px;
        text-decoration: none;

    }
    li a:hover{
        background-color:F2EF40;
    }
</style>
</head>

<ul>
    <li><a href="lohout.php">Logout</a></li>
        <li><a href="main.php">Users List</a></li>
    <li><a href="add_item1.php">ADD Items</a></li>
        <li><a href="download.php">Export</a></li>
        <div align="Center " style="padding-top:15px;">
<td>Complete Details Of Items</td>
<tr class="listheader">
</tr>

</ul>

<form name="frmUser" method="post" action="">
<div class="message"><?php if(isset($message)) { echo $message; } ?></div>

<table border="0" cellpadding="10" cellspacing="1" width="1129"
class="tblListForm">

```

```

<tr class="<?php if(isset($classname)) echo $classname;?>">
  <td width="2000"><table border="0" cellpadding="10" cellspacing="1"
width="1500" class="tblListForm">
  <tr class="listheader">
    <td>Room No.</td>
    <td>Directorate/Project/Team</td>
    <td>Division/Section</td>
    <td>System ID No.</td>
    <td>Make</td>
    <td>_Model_No._</td>
    <td>Serial No.</td>
    <td>Product No.</td>
    <td>IP Address</td>
    <td>.....MAC_Address.....</div></td>
    <td>DVD_Type</td>
    <td>Type_Of_System</td>
    <td>Status</td>
    <td>Date_of_Expiry</td>
    <td>Used_By_personel</td>
    <td>CRUD_Actions</td>
  </tr>
  <?php
$i=0;
while($row = mysqli_fetch_array($result)) {
if($i%2==0)
$classname="evenRow";
else
$classname="oddRow";
?>
  <tr class="<?php if(isset($classname)) echo $classname;?>">
    <td><?php echo $row["Room_No"]; ?></td>
    <td><?php echo $row["Directorate"]; ?></td>
    <td><?php echo $row["Division"]; ?></td>
    <td><?php echo $row["System_ID_No"]; ?></td>
    <td><?php echo $row["Make"]; ?></td>
    <td><?php echo $row["Model_No"]; ?></td>
    <td><?php echo $row["Serial_No"]; ?></td>
    <td><?php echo $row["Product_No"]; ?></td>
    <td><?php echo $row["IP_Address"]; ?></td>

```



```

<td><?php echo $row["MAC_Address"]; ?></td>
<td><?php echo $row["DVD_Type"]; ?></td>
<td><?php echo $row["Type_Of_System"]; ?></td>
<td><?php echo $row["Status"]; ?></td>
<td><?php echo $row["Date_Of_Expiry"]; ?></td>
<td><?php echo $row["Used_By"]; ?></td>
<td><a href="edit_item1.php?itemNo=<?php echo $row["itemNo"]; ?>"
class="link"><img alt='Edit' title='Edit' src='images/edit.png' width='15px'
height='15px' hspace='10' /></a> <a href="delete_item1.php?itemNo=<?php echo
$row["itemNo"]; ?>" class="link"><img alt='Delete' title='Delete'
src='images/delete.png' width='15px' height='15px' hspace='10' /></a></td>
</tr>
<?php
$i++;
}
?>
</table> <a href="delete_Item.php?userId=<?php echo $row["userId"]; ?>"
class="link"></a></td>
</tr>
</table>
</form>

</body></html>

```

## 1.16 styles.css

```

body {
font-family:Lucida Handwriting;
background:url(images/img25.jpg) NO REPEAT;
}
input {
font-family:Tempus Sans ITC;
font-size:14px;
}
label{
font-family:TimesNewRoman;
font-size:14px;
color:#999999;
}
.tblSaveForm {

```

```
border-top:2px #999999 solid;
background-color: #f8f8f8;
}
.tableheader {
background-color: #fedc4d;
}
.tablerow {
background-color: #A7D6F1;
color:white;
}
.btnSubmit {
background-color:#fd9512;
padding:5px;
border-color:#FF6600;
border-radius:4px;
color:white;
}
.message {
color: #FF0000;
text-align: center;
width: 100%;
}
.txtField {
padding: 5px;
border:#fedc4d 1px solid;
border-radius:4px;
}
.evenRow {
background-color: #E2EDF9;
font-size:12px;
color:#101010;
}
.evenRow:hover {
background-color: #ffef46;
}
.oddRow {
background-color: #B3E8FF;
font-size:12px;
color:#101010;
```

```

}
.oddRow:hover {
background-color: #ffef46;
}
.tblListForm {
border-top:2px #999999 solid;
}
.listheader {
background-color: #fedc4d;
font-size:12px;
font-weight:bold;
}
.link{
text-decoration:none;
color:#5e8fc7;
font-size:11px;
}
{
height:100%;
margin:0;
}
.bg{
background-image : url(../images/img25.jpg);
height:100%;
background-position:center;
background-repeat:no-repeat;
background-size:cover;
}

```

### 1.17 users.php

```

<?php
require_once("db.php");
$sql = "SELECT * FROM Items";
$result = mysqli_query($conn,$sql);
?>

<html>
<head>

```

```

<title>Items List - Users</title>
<link rel="stylesheet" type="text/css" href="styles.css" />
</head>
<body>
<style>
    ul{
        padding:0;
        margin:0;
        list-style-type: none;
        overflow:hidden;
        background-color:#fd9512;;
    }
    li{
        float:right;
    }
    li a{
        color:white;
        display:block;
        text-align:center;
        padding:16px;
        text-decoration: none;
    }
    li a:hover{
        background-color:#F2EF40;
    }
</style>
</head>

<ul>
    <li><a href="logout.php">Logout</a></li>
    <li><a href="add_item1.php">ADD Items</a></li>
    <li><a href="download.php">Export</a></li>
    <form action="search.php" method="GET">
        <input id="search-bar" name="query" type="text"
placeholder="Search..." style="padding-top:10px;>
        <input id="search-button" name="search_submit" type="submit">
        <button class="btn btn-default" type="submit" name="submit"
value="search" >Search!</button>

```

```

        </form>
        <tr class="listheader">
        <div align="Center " style="padding-top:15px;"> <td>Complete Details Of
Items</td>
        <tr class="listheader">
        </tr>
        </ul>
        <form name="frmUser" method="post" action="">
        <div class="message"><?php if(isset($message)) { echo $message; } ?></div>

        <table border="0" cellpadding="10" cellspacing="1" width="1129"
class="tblListForm">
        <tr class="<?php if(isset($classname)) echo $classname;?>">
        <td width="2000"><table border="0" cellpadding="10" cellspacing="1"
width="1500" class="tblListForm">
        <tr class="listheader">
        <td>Room No.</td>
        <td>Directorate/Project/Team</td>
        <td>Division/Section</td>
        <td>System ID No.</td>
        <td>Make</td>
        <td>_Model_No._</td>
        <td>Serial No.</td>
        <td>Product No.</td>
        <td>IP Address</td>
        <td>.....MAC_Address.....</div></td>
        <td>DVD_Type</td>
        <td>Type_Of_System</td>
        <td>Status</td>
        <td>Date_of_Expiry</td>
        <td>Used_By_personel</td>
        <td>Attachments</td>
        </tr>
        <?php
        $i=0;
        while($row = mysqli_fetch_array($result)) {
        if($i%2==0)
        $classname="evenRow";
        else

```

```

$classname="oddRow";
?>
<tr class="<?php if(isset($classname)) echo $classname;?>">
  <td><?php echo $row["Room_No"]; ?></td>
  <td><?php echo $row["Directorate"]; ?></td>
  <td><?php echo $row["Division"]; ?></td>
  <td><?php echo $row["System_ID_No"]; ?></td>
  <td><?php echo $row["Make"]; ?></td>
  <td><?php echo $row["Model_No"]; ?></td>
  <td><?php echo $row["Serial_No"]; ?></td>
  <td><?php echo $row["Product_No"]; ?></td>
  <td><?php echo $row["IP_Address"]; ?></td>
  <td><?php echo $row["MAC_Address"]; ?></td>
  <td><?php echo $row["DVD_Type"]; ?></td>
  <td><?php echo $row["Type_Of_System"]; ?></td>
  <td><?php echo $row["Status"]; ?></td>
  <td><?php echo $row["Date_Of_Expiry"]; ?></td>
  <td><?php echo $row["Used_By"]; ?></td>
  <td><a href="upload/<?php echo $row["files"];?>" target="_blank"> <?php
echo $row["files"];?></a></td>
</tr>
<?php
$i++;
}
?>
</table> <a href="delete_Item.php?userId=<?php echo $row["userId"]; ?>"
class="link"></a></td>
</tr>
</table>
</form>

</body></html>

```

### 1.18 search.php

```

<?php
mysql_connect("localhost", "root", "Kennadyv@123") or die("Error connecting to
database: ".mysql_error());

mysql_select_db("crud") or die(mysql_error());

```

```

?>
<head>
  <title>Search results</title>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
  <link rel="stylesheet" type="text/css" href="style.css"/>
</head>
<body>
<?php
  $query = $_GET['query'];
  $min_length = 3;
  if(strlen($query) >= $min_length){
    $query = htmlspecialchars($query);
    $query = mysql_real_escape_string($query);
    $raw_results = mysql_query("SELECT * FROM items
      WHERE (`Division` LIKE '%" . $query . "%')") or die(mysql_error());
    if(mysql_num_rows($raw_results) > 0){
      while($results = mysql_fetch_array($raw_results)){
        echo "<p><h3>". $results['Division']. "</p>";
      }
    }
    else{
      echo "No results";
    }
  }
  else{
    echo "Minimum length is " . $min_length;
  }
?>
</body>
</html>

```

### 1.19 upload.php

```

<?php

header('Content-Type: text/plain; charset=utf-8');

try {

  // Undefined | Multiple Files | $_FILES Corruption Attack

```

```

// If this request falls under any of them, treat it invalid.
if (
    !isset($_FILES['upfile']['error']) ||
    is_array($_FILES['upfile']['error'])
) {
    throw new RuntimeException('Invalid parameters.');
```

```

}

// Check $_FILES['upfile']['error'] value.
switch ($_FILES['upfile']['error']) {
    case UPLOAD_ERR_OK:
        break;
    case UPLOAD_ERR_NO_FILE:
        throw new RuntimeException('No file sent.');
```

```

    case UPLOAD_ERR_INI_SIZE:
    case UPLOAD_ERR_FORM_SIZE:
        throw new RuntimeException('Exceeded filesize limit.');
```

```

    default:
        throw new RuntimeException('Unknown errors.');
```

```

}

// You should also check filesize here.
if ($_FILES['upfile']['size'] > 1000000) {
    throw new RuntimeException('Exceeded filesize limit.');
```

```

}

// DO NOT TRUST $_FILES['upfile']['mime'] VALUE !!
// Check MIME Type by yourself.
$finfo = new finfo(FILEINFO_MIME_TYPE);
if (false === $ext = array_search(
    $finfo->file($_FILES['upfile']['tmp_name']),
    array(
        'jpg' => 'image/jpeg',
        'png' => 'image/png',
        'gif' => 'image/gif',
    ),
    true
)) {
    throw new RuntimeException('Invalid file format.');
```



```

}

// You should name it uniquely.
// DO NOT USE $_FILES['upfile']['name'] WITHOUT ANY VALIDATION !!
// On this example, obtain safe unique name from its binary data.
if (!move_uploaded_file(
    $_FILES['upfile']['tmp_name'],
    sprintf('./uploads/%s.%s',
        sha1_file($_FILES['upfile']['tmp_name']),
        $ext
    )
)) {
    throw new RuntimeException('Failed to move uploaded file.');
```

```

}

echo 'File is uploaded successfully.';

} catch (RuntimeException $e) {

    echo $e->getMessage();

}

?>

```