

*A*  
*Project Report*  
*On*  
*Freelancing Website- Worklancer.com*

Submitted in Partial Fulfillment of the requirements for the award of degree of  
**Bachelor of Computer Applications III Year**

From

Hemchand Yadav Vishwavidyalaya, Durg (C.G)

2023 – 2024



**Guided by**

Mrs. Poonam yadav  
(Asst. Professor)

DEPT. OF COMPUTER SCIENCE

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(Recognized by Govt. of C.G. & Affiliated to Durg University, Durg and Under Section 2(f) and 12(B) of the UGC Act, 1956)

No \_\_\_\_\_/SSM/23

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## CERTIFICATE OF APPROVAL

This is to certify that the project work entitled “**FREELANCING WEBSITE - WORKLANCER.COM**” is carried out by \_\_\_\_\_ of **B.C.A III year** at **Shri Shankracharya Mahavidyalaya, Junwani Bhilai** is hereby approved as a credible work in the discipline of Computer Science & Application for the award of degree of **Bachelor of Computer Application** during the year 2023-24 from **Hemchand Yadav University, Durg (C.G.)**.

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## CERTIFICATE OF EVALUATION

This is to certify that the project work entitled “**FREELANCING WEBSITE - WORKLANCER.COM**” is carried out by , student of B.C.A III Year at Shri Shankracharya Mahavidyalaya, Junwani Bhilai, after proper evaluation and examination, is here by approved as a credible work in the discipline of the Computer Science & Information Technology and is done in a satisfactory manner for its acceptance as a requisite for the award degree of B.C.A III year during the year 2023-2024 from Hemchand Yadav University, Durg (C.G).

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# **CERTIFICATE OF ORGANIZATION**

This is to certify that **Abhishek Sahoo** pursuing **B.C.A III Year** in **SHRI SHANKARACHARYA MAHAVIDHYALAYA JUNWANI BHILAI** referred by the said college for a project work in our organization.

he has been given the project work of development of software for “**FREELANCING WEBSITE - WORKLANCER.COM**”. He has successfully developed the required software in very short duration with all technique parameters & installed the same. The software developed by him is very useful and meeting our various requirements.

During the span associate is found hard working, sincere, Devoted and full of determination.

We wish him all the success for the days ahead in his life.

**AUTHORIZED SIGNATURE**

# DECLARATION

This is to certify that the project work entitled “**FREELANCING WEBSITE - WORKLANCER.COM**” which is submitted by me in the in partialfulfillment for the award of degree of **Bachelor of Computer Application Shri Shankracharya Mahavidyalaya, Junwani Bhilai**, comprises the original work carried out by me.

I further declare that the work reported in the project has not been submitted & will not be submitted, either in part or in full award of any other degree or diploma in this institute or any other institute or university.

Place: Bhilai

Name:  
Abhishek sahuo

Date:

Roll no. :- 223390130002

## ACKNOWLEDGEMENT

We feel very privileged to express our profound sense of our respect and gratitude to our principal **Dr. Archana Jha** & Academics Dean **Dr. J. Durga Prasad Rao** and project guide **MS. Poonam yadav**, Asst. prof., of Computer Science Department and other faculties of “**Shri Shankracharya Mahavidyalaya Junwani Bhilai**”, under whose precious guidance and encouragement. We had the privilege to work.

All faculty's incredible help and valuable suggestion efforts and constructive guidance made the project an interesting task. Their optimistic attitude, guidance of appreciation was such as to give impetus to our thoughts and understanding making us believe that all that was of our own efforts for which we will ever remain indebted to them.

We will also like to thank our “**Mr. Thakur Devraj Singh**” H.O.D, Department of Computer Science, for overall support and guidance.

Name:- Abhishek sahu

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# **Chapter-I**

## **INTRODUCTION**

## Synopsis of Freelancing Website - Worklancer.com

### 1.1) Introduction of the Project:

The "**Freelancing Website - Worklancer.com**" has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and, in some cases, reduce the hardships faced by this existing system. Moreover, this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus by this all it proves it is user-friendly. Freelancing Website - Worklancer.com, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources.

Every organization, whether big or small, has challenges to overcome and managing the information of Worklancer.com, Stock, Sells, Product Category, Customers. Every Freelancing Website - Worklancer.com has different Stock needs, therefore we design exclusive employee management systems that are adapted to your managerial requirements. This is designed to assist in strategic planning, and will help you ensure that your organization is equipped with the right level of information and details for your future goals. Also, for those busy executive who are always on the go, our systems come with remote access features, which will allow you to manage your

workforce anytime, at all times. These systems will ultimately allow you to better manage resources.

**Abstract:**

The purpose of Freelancing Website - Worklancer.com is to automate the existing manual system by the help of computerized equipment and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with.

Freelancing Website - Worklancer.com, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

The aim is to automate its existing manual system by the help of computerized equipments and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing

and manipulation of the same. Basically the project describes how to manage for good performance and better services for the clients.

### **1.2) Objective of Project:**

The main objective of the Project on Freelancing Website - Worklancer.com is to manage the details of Stock, Worklancer.com, Products, Sells, Customers. It manages all the information about Stock, Product Category, Customers, Stock. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Stock, Worklancer.com, Product Category, Products. It tracks all the details about the Products, Sells, Customers.

Functionalities provided by Freelancing Website - Worklancer.com are as follows:

- Provides the searching facilities based on various factors. Such as Stock, Products, Sells, Customers
- Freelancing Website - Worklancer.com also manage the Product Category details online for Sells details, Customers details, Stock.
- It tracks all the information of Worklancer.com, Product Category, Sells ect

- Manage the information of Worklancer.com
- Shows the information and description of the Stock, Products
- To increase efficiency of managing the Stock, Worklancer.com
- It deals with monitoring the information and transactions of Sells.
- Manage the information of Stock
- Editing, adding and updating of Records is improved which results in proper resource management of Stock data.
- Manage the information of Sells
- Integration of all records of Customers.

### **Scope of the project:**

It may help collecting perfect management in details. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It also helps in current all works relative to Freelancing Website - Worklancer.com. It will be also reduced the cost of collecting the management & collection procedure will go on smoothly.

Our project aims at Business process automation, i.e. we have tried to computerize various processes of Freelancing Website - Worklancer.com.

- In computer system the person has to fill the various forms & number of copies of the forms can be easily generated at a time.
- In computer system, it is not necessary to create the manifest but we can directly print it, which saves our time.
- To assist the staff in capturing the effort spent on their respective working areas.
- To utilize resources in an efficient manner by increasing their productivity through automation.
- The system generates types of information that can be used for various purposes.
- It satisfy the user requirement
- Be easy to understand by the user and operator

- Be easy to operate
- Have a good user interface
- Be expandable
- Delivered on schedule within the budget.

### **1.3) Theoretical background :**

#### **1.3.1) MANAGEMENT OF Worklancer.com:**

Worklancer.com often constitute a major element of the total working capital and hence it has been correctly observed, "Good Freelancing Website - Worklancer.com is Good beauty Management". beauty management covers a large number of issues including fixation of minimum and maximum levels; determination the size of the Worklancer.com to be carried; deciding about the issue price policy; setting up receipt and inspection procedure; determining the economic order quantity; providing proper storage facilities keeping check of obsolescence and setting up effective information system with regard to the inventories, the stock items will be provided to the consignee's through generating Annual Estimation Sheets(ANE), Advance Intimation Sheet(AIS), however, management of Worklancer.com involves two basic problems.JHYFH

- Maintaining a sufficiently large size of Worklancer.com for efficient and smooth production and sales operations.
  
- Maintaining a minimum investment in inventories to minimize the direct indirect costs associated with holding inventories to maximize the profitability.

Inventory Management should neither be excessive nor inadequate. If inventories are kept

at a high level higher interest and storage costs would be incurred on the other hand, a low level of inventories may result in frequent interruption in the production schedule resulting in underutilization of capacity and lower sales. The objective of Worklancer.com management is therefore to determine maintain the optimum level of investment in inventories which help in achieving the required objectives.

### **1.3.2) IMPORTANCE OF Worklancer.com Management:**

The importance of Worklancer.com Management cannot be defined because Worklancer.com are to manager as they directly show there impact on corporate profits. Any

changes in the level of Worklancer.com effects profits.



The cost of the corporation structure of the Worklancer.com depends upon the level of Worklancer.com held by it. If inventories are held above required level the cost which result from handling storage spoilage obsolesce are more if they are maintained at optimum level.

Search extra cost reduced the profits of the corporation. This effect may cause when it is under invested. If the maintained level of Worklancer.com falls shortage the corporation has to produce at extra cost to continue its operation. In this situation it is obvious that more cost may incur. So important is given to inventories so that the cost will be minimum and profits will be maximum.

### **WHAT IS Worklancer.com Management**

Worklancer.com Management is the active control program which allows the management of giving jobs and finding skilled persons for the specific purpose .

Worklancer.com management involves the 'development and administration of policies, systems, and procedures which will minimize total cost relative to Worklancer.com decisions and functions such as customer service requirements, production scheduling, purchasing and tariff.

Worklancer.com management thus consists of deciding on the appropriate level of Worklancer.com to hold. Too less or too much Worklancer.com is harmful for any concern because it will increase the overall Worklancer.com cost.

Worklancer.com management software helps to create new jobs , managing jobs , finding jobs nearby and giving opportunities to the freshers . An Worklancer.com management software system configured to your warehouse, retail or product line will help to create revenue for your company. The Worklancer.com management will control

operating costs and provide better understanding. We are your source for Worklancer.com

management information, Worklancer.com management software and tools.

A complete Worklancer.com Management Control system contains the following

- Worklancer.com Management Definition
- Worklancer.com Management Purposes
- Definition and Objectives for Worklancer.com Management
- Organizational Hierarchy of Worklancer.com Management
- Worklancer.com Management Planning

- Worklancer.com Management Controls for Worklancer.com
- Determining Worklancer.com Management Stock Levels

### **1.3.3) WORKLANCER.COM CONTROL:**

Rigid control over materials are necessary not only to guard against theft, But also minimize waste and measure from causes such as excessive inventories, over issue, deterioration, spoilage and obsolescence. There are certain prerequisites to an effective control system for materials.

- Material of the desired quantity will be available when needed.
- Materials will be purchased only when a need exists and in economical qualities.
- Purchases of materials will be made at most favourable prices.

- Vouchers for the payments of materials purchased will be approved only if the materials have been received good condition.
- Materials will be protected against loss by proper physical control.
- Issue of materials will be properly authorized and accounted for, and
- All materials, at all times, will be charged, as the responsibility of some individual.

The control of materials, as an element of cost of production, is illustrated with reference to the purchase and issues procedures, Worklancer.com systems, and Worklancer.com control techniques. The efficiency of Worklancer.com control agates the flexibility of the firm. There are several tools of Worklancer.com control. Some of these are:

- The economic order quantity which enables determination of optimal size of order to place on the basis of demand or usage of the Worklancer.com.
- The technique safety stocks to overcome problems of uncertainty

- The order point formula which tells us the optimal point at which to reorder a particular item of Worklancer.com.

Together these tools provide the means for determining an optimal average level of Worklancer.com for the firm. Ratio analysis has wider applications measure of Worklancer.com control among most manufacturing firms.

Effective Worklancer.com management requires an effective control over inventories. Worklancer.com control refers to a system which ensures supply of required quantity and quality of inventories.

A good Worklancer.com control system is one which avoids problems of stick-outs, excessive Worklancer.com, and overstocking of Worklancer.com, ensures a continuous supply of materials to production department facilitating un-interrupted production.

- Maintain sufficient stocks of finished goods for smooth sales operations.
- Maintains sufficient stocks of raw material in periods of short supply.

- Minimizes carrying costs and time, and
- Keeps investment in inventories at the optimum level.

#### **1.4) Definition of problem :-**

For any business Worklancer.com is one of the most important department that must be well managed in order to run daily business activity smoothly. But mostly business are not able to manage Worklancer.com as they do not have good computerized system. As a result they lacks in

- Security of data, documents related to business transactions now in

Unable to keep single copy of data at single location which increases data complexity

- Managing data consistency

- Accessing and referencing or search data quickly

Unable to analyze data as there is no mechanism to visualize data

## **Chapter-II**

# **SYSTEM ANALYSIS**

### System Analysis:

System analysis is a process of gathering and interpreting facts, diagnosing problems and the information about the Freelancing Website - Worklancer.com to recommend improvements on the system.

It is a problem solving activity that requires intensive communication between the system users and system developers. System analysis or study is an important phase of any system development process. The system is studied to the minutest detail and analyzed. The system analyst plays the role of the interrogator and dwells deep into the working of the present system.

The system is viewed as a whole and the input to the system are identified.



The outputs from the organizations are traced to the various processes. System analysis is concerned with becoming aware of the problem, identifying the relevant and decisional variables, analyzing and synthesizing the various factors and determining an optimal or at least a satisfactory solution or program of action.

A detailed study of the process must be made by various techniques like interviews, questionnaires etc. The data collected by these sources must be scrutinized to arrive to a conclusion. The conclusion is an understanding of how the system functions.

This system is called the existing system. Now the existing system is subjected to close study and problem areas are identified. The designer now functions as a problem solver and tries to sort out the difficulties that the enterprise faces. The solutions are given as proposals. The proposal is then weighed with the existing system analytically and the best one is selected. The proposal is presented to the user for an endorsement by the user. The proposal is reviewed on user request and suitable changes are made. This is loop that ends as soon as the user is satisfied with proposal.

Preliminary study is the process of gathering and interpreting facts, using the information for further studies on the system. Preliminary study is problem solving activity that requires intensive communication between the system users and system developers.

It does various feasibility studies. In these studies a rough figure of the system activities can be obtained, from which the decision about the strategies to be followed for effective system study and analysis can be taken.

## **2.1) NEED FOR WORKLANCER.COM**

In a just-in-time manufacturing environment, Worklancer.com is considered waste. However, in environments where an organization suffers from poor cash flow or lacks strong control over (i) electronic information transfer among all departments and all significant suppliers, (ii) lead times, and (iii) quality of materials received, Worklancer.com plays important roles. Some of the more important reasons for holding Worklancer.com are:

### **a. Predictability:**

In order to engage in capacity planning and production scheduling, you need to control how much raw material, parts, and subassemblies you process at a given time. Worklancer.com buffers what you need from what you process.

### **b. Fluctuations in demand:**

A supply of Worklancer.com on hand is protection: You don't always know how much you are likely to need at any given time, but you still need to satisfy customer or production demand on time. If you can see how customers are acting in the supply chain, surprises in fluctuations in demand are held to a minimum.

c. Unreliability of supply:

Worklancer.com protects you from unreliable suppliers or when an item is scarce and it is difficult to ensure a steady supply. Whenever possible unreliable suppliers should be rehabilitated through discussions or they should be replaced. Rehabilitation can be accomplished through master purchase orders with timed product releases, price or term penalties for non-performance, better verbal and electronic communications between the parties, etc. This will result in a lowering of on-hand Worklancer.com needs.

d. Price protection:

Buying quantities of Worklancer.com at appropriate times helps avoid the impact of cost inflation. Note that contracting to assure a price does not require actually taking delivery at the time of purchase. Many suppliers prefer to deliver periodically rather than to ship an entire year's supply of a particular stock keeping unit (SKU) at onetime.

e. Quantity discounts:

Often bulk discounts are available if you buy in large rather than in small quantities.

f. Lower ordering costs:

If you buy a larger quantity of an item less frequently, the ordering costs are less than buying smaller quantities over and over again. In order to hold down ordering costs and to lock in favourable pricing, many organizations issue blanket purchase orders coupled with periodic release and receiving dates of the SKUs called for.

#### **2.2.1) Existing System :-**

In the existing system the exams are done only manually but in proposed system we have to computerize the exams using this application.

- Lack of security of data.
- More man power.
- Time consuming.
- Consumes large volume of pare work.
- Needs manual calculations.
- No direct role for the higher officials

#### **2.2.2) Proposed System :-:**

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work.

- Security of data.
- Ensure data accuracy's.
- Proper control of the higher officials.
- Minimize manual data entry.
- Minimum time needed for the various processing.
- Greater efficiency.
- Better service.
- User friendliness and interactive.
- Minimum time required.

### **2.3) System Design :-**

In this phase, a logical system is built which fulfils the given requirements. Design phase of software development deals with transforming the client's requirements into a logically working system. Normally, design is performed in the following in the following two steps:

#### **1. Primary Design Phase:**

In this phase, the system is designed at block level. The blocks are created on the basis of analysis done in the problem identification phase. Different blocks are created for different functions emphasis is put on minimising the information flow between blocks. Thus, all activities which require more

interaction are kept in one block.

**2. Secondary Design Phase:**

In the secondary phase the detailed design of every block is performed.

The general tasks involved in the design process are the following:

1. Design various blocks for overall system processes.
2. Design smaller, compact and workable modules in each block.
3. Design various database structures.
4. Specify details of programs to achieve desired functionality.
5. Design the form of inputs, and outputs of the system.
6. Perform documentation of the design.
7. System reviews.

## User Interface Design

User Interface Design is concerned with the dialogue between a user and the computer. It is concerned with everything from starting the system or logging into the system to the eventually presentation of desired inputs and outputs. The overall flow of screens and messages is called a dialogue.

The following steps are various guidelines for User Interface Design:

1. The system user should always be aware of what to do next.
2. The screen should be formatted so that various types of information, instructions and messages always appear in the same general display area.
3. Message, instructions or information should be displayed long enough to allow the system user to read them.
4. Use display attributes sparingly.
5. Default values for fields and answers to be entered by the user should be specified.
6. A user should not be allowed to proceed without correcting an error.
7. The system user should never get an operating system message or fatal error.



## Preliminary Product Description:

The first step in the system development life cycle is the preliminary investigation to determine the feasibility of the system. The purpose of the preliminary investigation is to evaluate project requests. It is not a design study nor does it include the collection of details to describe the business system in all respect. Rather, it is the collecting of information that helps committee members to evaluate the merits of the project request and make an informed judgment about the feasibility of the proposed project.

Analysts working on the preliminary investigation should accomplish the following objectives:

- Clarify and understand the project request
  - Determine the size of the project.
  - Assess costs and benefits of alternative approaches.
  - Determine the technical and operational feasibility of alternative approaches.
  - Report the findings to management, with recommendations outlining the acceptance or rejection of the proposal.
- 
- Benefit to Organization

The organization will obviously be able to gain benefits such as savings in operating cost, reduction in paperwork, better utilization of human resources and more presentable image increasing goodwill.

- The Initial Cost

The initial cost of setting up the system will include the cost of hardware software (OS, add-on software, utilities) & labour (setup & maintenance). The same has to bear by the organization.

- Running Cost

Besides, the initial cost the long term cost will include the running cost for the system including the AMC, stationary charges, cost for human resources, cost for update/renewal of various related software.

- Need for Training

The users along with the administrator need to be trained at the time of implementation of the system for smooth running of the system. The client will provide the training site.

We talked to the management people who were managing a the financial issues of the center, the staff who were keeping the records in lots of registers and the reporting manager regarding their existing system, their requirements and their expectations from the new proposed system. Then, we did the system study of the entire system based on their requirements and the additional features they wanted to incorporate in this system.

Reliable, accurate and secure data was also considered to be a complex task without this proposed system. Because there was no such record for keeping track of all the activities, which was done by the Freelancing Website - Worklancer.com on the daily basis.

The new system proposed and then developed by me will ease the task of the organization in consideration. It will be helpful in generating the required reports by the staff, which will help them to track their progress and services.

Thus, it will ease the task of Management to a great extent as all the major activities to be performed, are computerized through this system.

### **System Design-**

Design is the first step into the development phase for any engineered product or system. Design is a creative process. A good design is the key to effective system. The term “design” is defined as “the process of applying various techniques and principles for the purpose of defining a process or a system in sufficient detail to permit its physical realization”.

It may be defined as a process of applying various techniques and principles for the purpose of defining a device, a process or a system in sufficient detail to permit its physical realization. System design goes through two phases of development: Logical and Physical Design.

### 2.3.1) Model- Waterfall Model-

The **waterfall model** was **first process model** to be introduced. It is also referred to as a **linear-sequential life cycle model**. It is very simple to understand and use. In a waterfall model, each phase must be completed fully before the next phase can begin.

This type of model is basically used for the project which is small and there are no uncertain requirements.

In this model the testing starts only after the development is complete. In waterfall model phases do not overlap.

The design starts after the requirement analysis is complete and the coding begins after the design is complete. Once the programming is completed, the testing is done. In this model the sequence of activities performed in a software development project are: -

- Requirement Analysis
- Project Planning
- System design
- Detail design
- Coding
- Unit testing
- System integration & testing

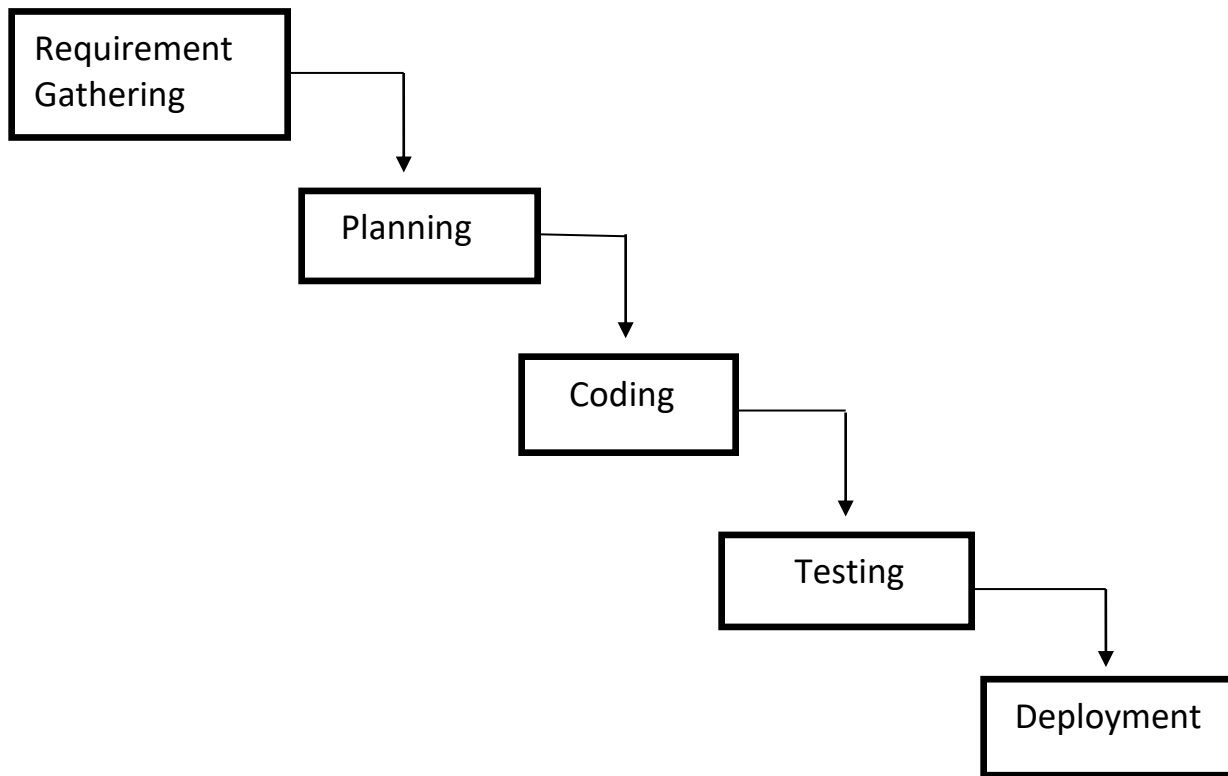


Fig. Waterfall Model

### **Advantages –**

- This model is simple and easy to understand and use.
- It is easy to manage due to the rigidity of the model.

- In this model phases are processed and completed one at a time. Phases do not overlap.
- Waterfall model works well for smaller projects where requirements are very well understood.

**Disadvantages –**

- Once a application is in the testing stage, it is very difficult to go back and change something.
- No working software is produced until late during the life cycle.
- High amount of risk and uncertainty.
- Not a good model for complex and object-oriented project.
- Poor model for long and ongoing projects.

## **2.4) Feasibility Study:-**

After doing the project Freelancing Website - Worklancer.com, study and analyzing all the existing or required functionalities of the system, the next task is to do the feasibility study for the project. All projects are feasible - given unlimited resources and infinite time.

Feasibility study includes consideration of all the possible ways to provide a solution to the given problem. The proposed solution should satisfy all the user requirements and should be flexible enough so that future changes can be easily done based on the future upcoming requirements.

### **2.4.1) Economical Feasibility:-**

This is a very important aspect to be considered while developing a project. We decided the technology based on minimum possible cost factor.

- All hardware and software cost has to be borne by the organization.
- Overall we have estimated that the benefits the organization is going to receive from the proposed system will surely overcome the initial costs and the later on running cost for system.

### **2.4.2) Technical Feasibility:-**

This included the study of function, performance and constraints that may affect the ability to achieve an acceptable system. For this feasibility study, we studied complete functionality to be provided in the system, as described in the System Requirement Specification (SRS), and checked if everything was possible using different type of frontend and backend platformst.

### **2.4.3) Operational Feasibility:-**

No doubt the proposed system is fully GUI based that is very user friendly and all inputs to be taken all self-explanatory even to a layman. Besides, a proper training has been conducted to let know the essence of the system to the users so that they feel comfortable with new system. As far our study is concerned the clients are comfortable and happy as the system has cut down their loads and doing.

### **2.5) PERT Chart –**

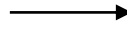
A PERT chart is a project management tool used to schedule, organize, and coordinate tasks within a project. PERT stands for “Program Evaluation Review Technique”. A PERT chart presents a graphic illustration of a project as a network diagram consisting of numbered nodes (either circles or rectangles) representing events, or milestones in the project linked by labeled vectors (directional lines) representing tasks in the project. The direction of the arrows on the lines indicates the sequence of tasks.

A PERT Chart is a visual tool that project management uses to schedule, organize, and coordinate activities of their project. In every project, a list of tasks is broken down, to complete in a definite sequence, which defines the project. Resources required to complete each task - in terms of money, material, and manpower - are listed.



### PERT Chart –

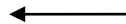
Requirement Survey	
Sept 18, 2023	Oct 1, 2023
Actual Start, Sept,18	Actual Finish, Oct 1, 2023



Requirement Specification	
Oct 2, 2023	Nov 15, 2023
Actual Start , Oct,2	Actual Finish, Nov 15, 2023



Internal Design Specification	
Dec 20, 2023	Dec 30, 2023
Actual Start Dec 20	Actual Finish, Dec 30, 2023



Functional Specification	
Nov 20, 2023	Dec 10, 2023
Actual Start Nov 20	Actual Finish, Dec 10, 2023



Implementation	
Jan 1, 2023	Jan 10, 2023
Actual Start, Jan 1	Actual Finish, Jan 10, 2023



Internal Testing	
Jan 12, 2023	Jan 20, 2023
Actual Start , Jan 12	Actual Finish, Jan 20, 2023



Documentation	
Jan 20, 2023	Jan 30, 2023
Actual Start, Jan 20	Actual Finish, Jan 30, 2023

# **Chapter-III**

## **SYSTEM IMPLEMENTATION**

### 3.1) Implementation Methodology:-

Model View Controller or MVC as it is popularly called, is a software design pattern for developing web applications. A Model View Controller pattern is made up of the following three parts:

- **Model** - The lowest level of the pattern which is responsible for maintaining data.
- **View** - This is responsible for displaying all or a portion of the data to the user.
- **Controller** - Software Code that controls the interactions between the Model and View.

MVC is popular as it isolates the application logic from the user interface layer and supports separation of concerns. Here the Controller receives all requests for the application and then works with the Model to prepare any data needed by the View. The View then uses the data prepared by the Controller to generate a final presentable response. The MVC abstraction can be graphically represented as follows.

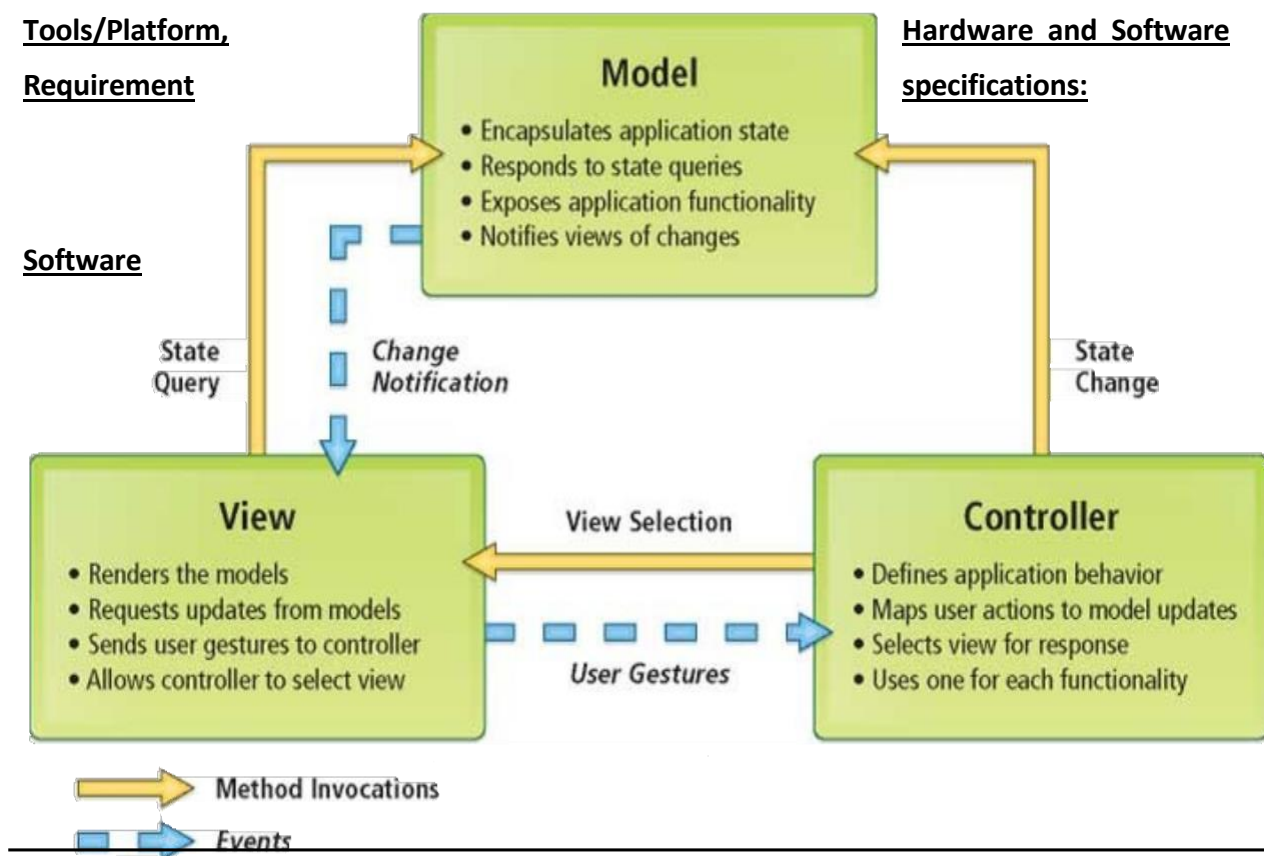
## MVC (Model View Controller Flow) Diagram

### DATA FLOW DIAGRAMS

Tools/Platform,  
Requirement

Hardware and Software  
specifications:

Software



### **3.2) System Implementation: –**

Implementation is the stage where the theoretical design is turned into a working system. The most crucial stage in achieving a new successful system and in giving confidence on the new system for the users that it will work efficiently and effectively.

The system can be implemented only after through testing is done and if it is found to work according to the specification.

It involves careful planning, investigation of the current system and its constraints on implementation, design of methods to achieve the change over and an evaluation of change over methods a part from planning. Two major tasks of preparing the implementation are education and training of the users and testing of the system.

The more complex the system being implemented, the more involved will be the systems analysis and design effort required just for implementation.

The implementation phase comprises of several activities. The required hardware and software acquisition is carried out. The system may require some software to be developed. For this, programs are written and tested. The user then changes over to his fully tested system and the old system is discontinued.

Finally, the implementation phase requires a lot of training to be given to the user through some means.

**Systems implementation** is the process of:

- Defining how the information system should be built (i.e., physical system design),
- Ensuring that the information system is operational and used,
- Ensuring that the information system meets quality standard (i.e., quality assurance).

### 3.3) **Minimum Hardware & Software Requirement :-**

#### **Software Requirement -**

- Operating System: WINDOWS
- Programming Language: Python (Django)
- Database: Sqlite3
- Documentation: MS-Office
- Internet Connection: Existing telephone lines, Wi-Fi
- Code Editor: VS Code Latest Version , Pycharm
- Performance: The turn-around time of the project will be medium.

#### **Hardware Requirement -**

- Memory: 4.00 GB RAM
- Processor: Intel i3
- Keyboard: Qwerty keyboard
- Hard Disk: 1TB HDD
- Monitor: 15-inch color monitor
- Network: Active Net-Connection

### 3.4) Cost & Benefit Analysis: –

For “FREELANCING WEBSITE - WORKLANCER.COM”, Cost/benefit analysis gives a picture of the various costs, benefits, and rules associated with each alternative system. In developing cost estimates for a system, we need to consider several cost elements. Among them are hardware, personal, facilities, operating.

Hardware cost relates to the actual purchase or lease of the computer and peripherals. Costs incurred during the development of a system are one-time costs and are labeled developmental costs. Once the system is installed the cost of operating and maintaining the system become a recurring cost.

Operating costs include costs associated with the day-to-day operation of the system. One approach is to treat operating costs like overhead. Another approach is to charge each authorized user for the amount of processing the request from the system.

A system is also expected to provide benefits. The first task is to identify each benefit and turns to assign a monetary value to it for cost/benefit analysis. Benefits may be tangible and intangible, direct or indirect.

**Costs and benefits are as follows:**

## **COST**

- **Hardware Cost:** Single computer system is used in the development of an application. All hardware parts are working good and its quality is perfect.
- **Personal Cost:** Staff is not required. An administrator will be responsible for maintaining the system and its records. So the developer is responsible for an extra cost.
- **Facility Cost:** Electricity is being consumed in developing this application.

## **BENEFITS**

- This application leads to less time-consuming.
- Our database can store a large amount of data can be stored serially and accessed frequently.
- Staff reduction-only single person is required which will act as an administrator to maintain the system.



# **Chapter-IV**

## **DESIGN**

#### **4.1) E-R Diagram :-**

In this model objects of similar structures are collected into an entity set. The relationship between entity sets is represented by a named E-R relationship and is 1:1(one to one), 1: N (one to many) or M: N (many to many) mapping from one entity set to another. The database structures, employing the E-R model is usually shown pictorially using entity relationship (E-R) diagrams. The E-R diagrams are useful in representing the relationship among entities

This ER (Entity Relationship) Diagram represents the model of Freelancing Website - Worklancer.com Entity. The entity-relationship diagram of Freelancing Website - Worklancer.com shows all the visual instrument of database tables and the relations between Customer, Stock, Worklancer.com, Supplier etc. It used structure data and to define the relationships between structured data groups of Freelancing Website - Worklancer.com functionalities. The main entities of the Freelancing Website - Worklancer.com are Worklancer.com, Customer, Purchasing, Stock, Payment and Supplier.

- The details of Worklancer.com is store into the Worklancer.com tables respective with all tables
- Each entity (Supplier, Purchasing, Payment, Customer, Worklancer.com) contains primary key and unique keys.

- The entity Purchasing, Payment has binded with Worklancer.com, Customer entities with foreign key
  - There is one-to-one and one-to-many relationships available between Payment, Stock, Supplier, Worklancer.com.
  - All the entities Worklancer.com, Payment, Purchasing, Supplier are normalized and reduce duplicacy of records
  - We have implemented indexing on each tables of Freelancing Website - Worklancer.com tables for fast query execution.

#### **4.2 ) Data Flow Diagram(DFD) :-**

A data flow diagram is a graphic description of the system or portion of a system. It is used to describe and analyze the movement of data through a system. Data flow diagrams are the centre tool and the basic which other components are developed. The transaction of data from input to output, through the process, maybe described logically and independently of the physical components associated with the system. It consists of a data flow process; sources, destination and stores all described through the use of easily understood symbols.

Freelancing Website - Worklancer.com Data flow diagram is often used as a preliminary step to create an overview of the Worklancer.com without going into great detail, which can later be elaborated. It normally consists of overall application dataflow and processes of the Worklancer.com process. It contains all of the user-flow and their entities such as all the flow of Worklancer.com, Customer, Purchasing, Receiving Stock, Payment, Supplier, Login. All of the below diagrams have been used for the visualization of data processing and structured design of the Worklancer.com process and working flow.

### **Zero Level Data Flow Diagram (0 Level DFD) Of Freelancing Website - Worklancer.com:**

This is the Zero Level DFD of Freelancing Website - Worklancer.com, where we have elaborated the high level process of Worklancer.com. It's a basic overview of the whole Freelancing Website - Worklancer.com or process being analyzed or modeled. It's designed to be an at-a-glance view of Payment, Supplier and Login showing the system as a single high-level process, with its relationship to external entities of Worklancer.com, Customer and Purchasing. It should be easily understood by a wide audience, including Worklancer.com, Purchasing and Payment In zero level DFD of Freelancing Website - Worklancer.com, we have described the high level flow of the Worklancer.com system.

High Level Entities and process flow of Freelancing Website - Worklancer.com:

- Managing all the Worklancer.com

### **First Level Data Flow Diagram (1st Level DFD) Of Freelancing Website - Worklancer.com:**

First Level DFD (1st Level) of Freelancing Website - Worklancer.com shows how the system is divided into sub-systems (processes), each of which deals with one or more of the data flows to or from an external agent, and which together provide all of the functionality of the Freelancing Website - Worklancer.com system as a whole. It also identifies internal data stores of Login, Supplier, Payment, Receiving Stock, Purchasing that must be present in order for the Worklancer.com system to do its job, and shows the flow of data between the various parts of Worklancer.com, Purchasing, Supplier, Login, Payment of the system. DFD Level 1 provides a more detailed breakout of pieces of the 1st level DFD. You will highlight the main functionalities of Worklancer.com.

Main entities and output of First Level DFD (1st Level DFD):

- Processing Worklancer.com records and generate report of all Worklancer.com
- Processing Customer records and generate report of all Customer
- Processing Purchasing records and generate report of all Purchasing
- Processing Receiving Stock records and generate report of all Receiving Stock

- Processing Payment records and generate report of all Payment Processing  
Supplier record and generate report of all Supplier
- Processing Login records and generate report of all Login

### **Second Level Data Flow Diagram (2nd Level DFD) Of Freelancing Website - Worklancer.com:**

DFD Level 2 then goes one step deeper into parts of Level 1 of Worklancer.com. It may require more functionalities of Worklancer.com to reach the necessary level of detail about the Worklancer.com functioning. First Level DFD (1st Level) of Freelancing Website - Worklancer.com shows how the system is divided into sub-systems (processes). The 2nd Level DFD contains more details of Login, Supplier, Payment, Receiving Stock, Purchasing, Customer, Worklancer.com. Low level functionalities of Freelancing Website - Worklancer.com

- Admin logs in to the system and manage all the functionalities of Freelancing Website - Worklancer.com
- Admin can add, edit, delete and view the records of Worklancer.com, Purchasing, Payment, Login.

- Admin can manage all the details of Customer, Receiving Stock, Supplier
- Admin can also generate reports of Worklancer.com, Customer, Purchasing, Receiving Stock, Payment, Supplier
- Admin can search the details of Customer, Payment, Supplier
- Admin can apply different level of filters on report of Worklancer.com, Receiving Stock, Payment
- Admin can tracks the detailed information of Customer, Purchasing, Receiving Stock,, Payment



# **Chapter-V**

## **INPUT-OUTPUT FORMS**

## INPUT/OUTPUT SCREEN DESIGNS

### 1.) HOME PAGE

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Document</title>

  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.4.0/css/all.min.css" integrity= "sha512-
iecdLmaskl7CVkqkXNQ/ZH/XLlvWZOJyj7Yy7tcenmpD1ypASozpmT/E0
iPtmFIB46ZmdtAc9eNBvH0H/ZpiBw==" crossorigin="anonymous"
referrerpolicy="no-referrer" />
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.
css" rel="stylesheet" integrity="sha384-
T3c6CoLi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEVDwwyk2
MPK8M2HN" crossorigin="anonymous">
  <link rel="stylesheet"
href="../static/css/home_index/home_index_main.css">

</head>
<body>
{% csrf_token %}

<header>

<nav>
  <a href="#">Home</a>
```

```
<a href="#">About</a>
```

```
<form method="get" action="{% url 'search' %}">
  <div class="nav-search">
    <input class="search-box hov1" type="text" name="query"
id="query" size="73px" placeholder="Search relevent jobs , company
,skills">

    <div class="search-icon"><i class="fa-solid fa-magnifying-
glass"></i></div>
  </div>
</form>
```

```
<a href="{% url 'client_js_signup' %}">Sign up</a>
<a href="{% url 'about' %}">Contact</a>
</nav>
```

```
</header>
```

```
<div class="panel">
<!-- <div class="p1"><span class="panel-data">Graphics &
Design</span></div>-->
<!-- <div class="p1"><span class="panel-data">Programming &
Tech</span></div>-->
<!-- <div class="p1"><span class="panel-data">business</span></div>-->
<!-- <div class="p1"><span class="panel-
data">Worklancer.com</span></div>-->
<!-- <div class="p1"><span class="panel-data">Writing &
Translation</span></div>-->
  <p> Worklancer.com</p>
</div>
```

```
<div class="job-panel">
  <div class="card">
```

```

        
        <div class="card-content">
            <h2>Looking for Job ?</h2>
            <p>give us skill ,we will give you money</p>
            <a href="{% url 'client_js_signup' %}"><button type="button"
class="btn-bl">Sign Up</button></a>
            <a href="{% url 'client_js_index' %}"><button type="button"
class="btn-bl">Login</button></a>
        </div>
    </div>

```

```

    <div class="card">
        
        <div class="card-content">
            <h2>Admin-Worklancer</h2>
            <p>only for the Admin of site.</p>
            <a href="{% url 'admin_signup' %}"><button type="button"
class="btn-bl">Sign Up</button></a>
            <a href="{% url 'admin_signin' %}"><button type="button"
class="btn-bl">Login</button></a>
        </div>
    </div>

```

```

    <div class="card">
        
        <div class="card-content">
            <h2>job giver</h2>
            <p>you need a freelancer for your job ?</p>
            <a href="{% url 'client_jg_signup' %}"><button type="button"
class="btn-bl">Sign Up</button></a>

```

```
                <a href="{% url 'client_jg_signin' %}"><button  
type="button" class="btn-bl">Login</button></a>
```

```
            </div>
```

```
        </div>
```

```
</div>
```

```
<div class="card-container-new">
```

```
    <div class="card-new" style="--card-color: {{ card.color }};">
```

```
        <h2>Cloud Architecture</h2>
```

```
        <p>touch the clouds </p>
```

```
<!--            <button type="button" class="btn-bl" onclick="  
window.open('/client_js/{{ i.form_job_title }}/{{i.form_job_skills}}',  
'_self')">Apply Now</button></a>-->
```

```
    </div>
```

```
        <div class="card-new" style="--card-color: {{ card.color  
}};">
```

```
            <h2>Prompt engineer</h2>
```

```
            <p>access the system with terminal</p>
```

```
<!--            <button type="button" class="btn-bl" onclick="  
window.open('/client_js/{{ i.form_job_title }}/{{i.form_job_skills}}',  
'_self')">Apply Now</button></a>-->
```

```
    </div>
```

```
</div>
```

```
<div class="card-container-new">
```

```
    {% for i in crse%}
```

```
        <div class="card-new" style="--card-color: {{ card.color }};">
```

```
            <h2>{{ i.form_job_title }}</h2>
```

```
            <p>{{ i.form_job_title }}</p>
```

```
            <button type="button" class="btn-bl" onclick="  
window.open('/client_js/{{ i.form_job_title }}/{{i.form_job_skills}}',  
'_self')">Apply Now</button></a>
```

**</div>**

**{% endfor %}**

**</div>**

**<footer>**

**&copy; 2023 worklancer.com**

**</footer>**

**<!-- <script>-->**

**<!-- // Function to open a new page with a specific title-->**

**<!-- function openJobPage(jobId, jobTitle) {-->**

**<!-- const newPage = window.open('job\_apply\_form.html',  
'\_blank');-->**

**<!-- newPage.document.title = jobTitle;-->**

**<!-- }-->**

**<!-- // Add event listeners to the buttons-->**

**<!-- document.getElementById('').addEventListener('click', function()**

**{-->**

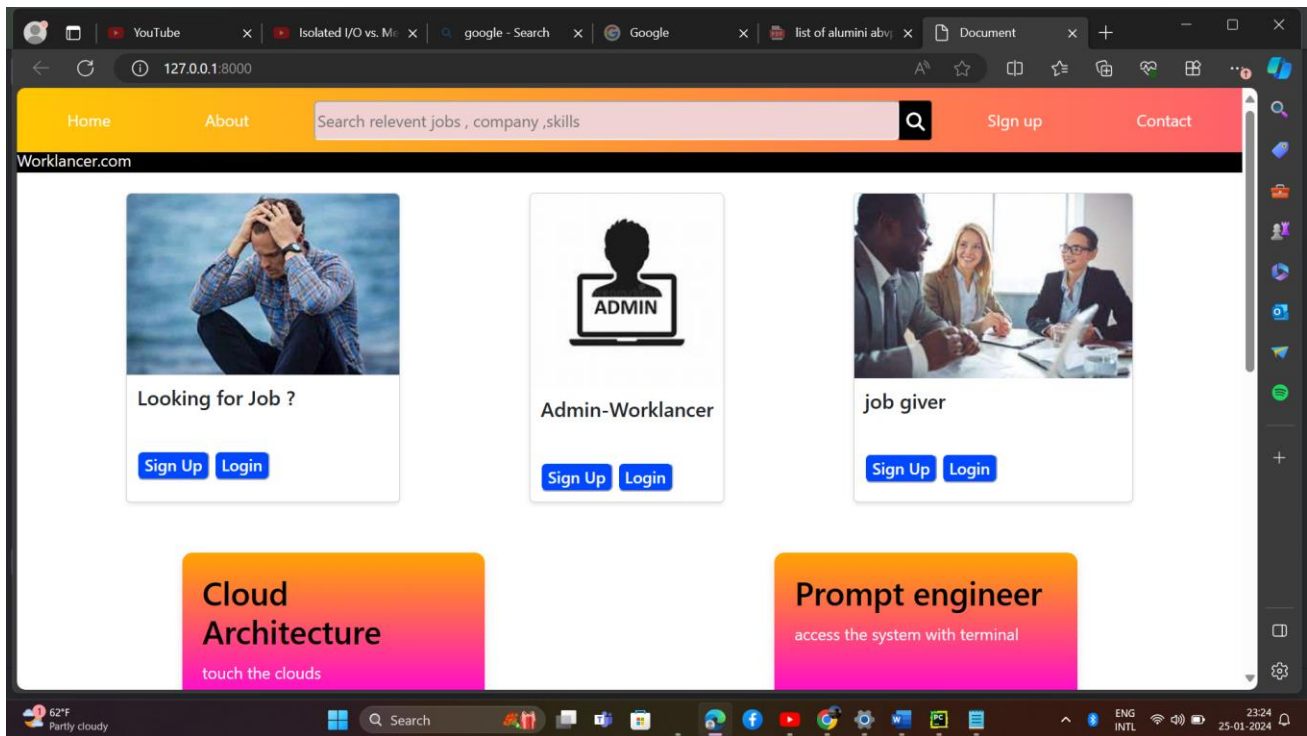
**<!-- openJobPage('job1', 'Job 1 Details');-->**

```
<!--    });-->
```

```
<!--    </script>-->
```

```
</body>
```

```
</html>
```



## 2.) LOGIN PAGE

```
<!DOCTYPE html>
```

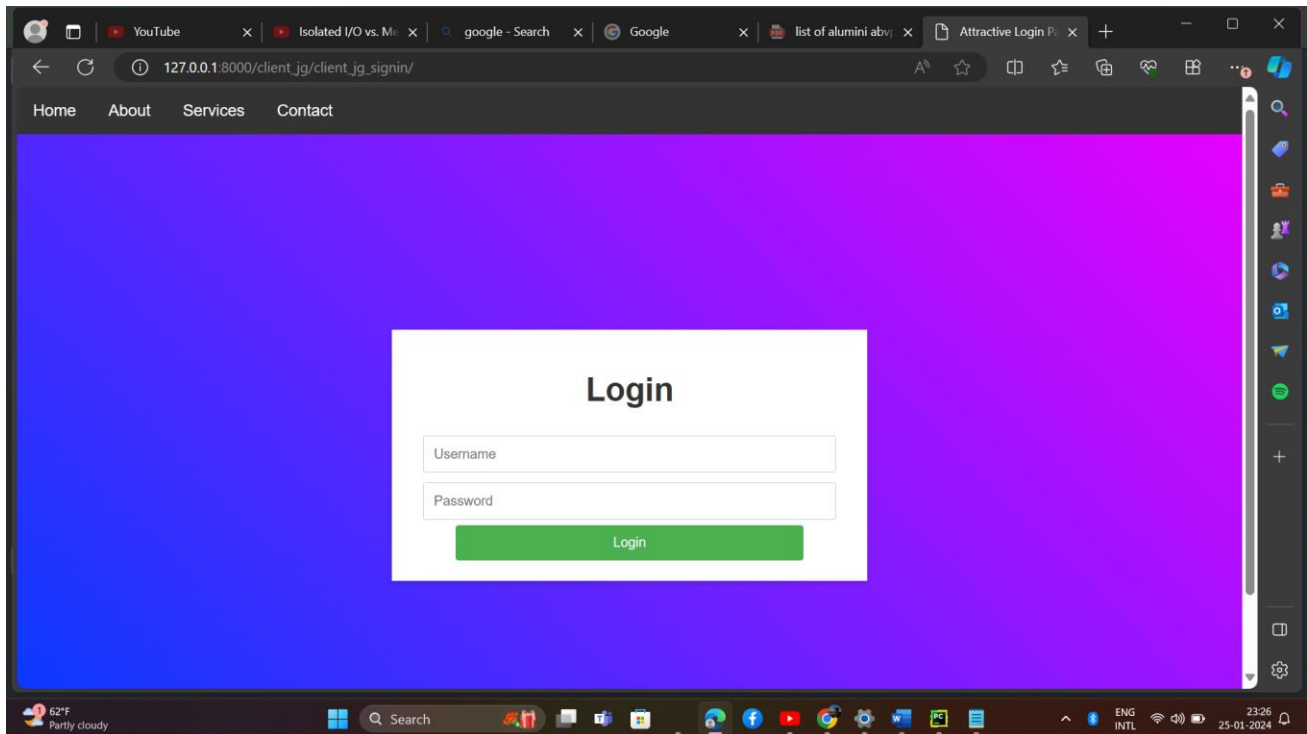
```
<html>
```

```
<head>
```

```
<title>Attractive Login Page</title>
```

```
<link rel="stylesheet" href=" ../../static/css/client_jg_logincss.css">
</head>
<body>
<!-- Navigation Bar -->
<div class="navbar">
<a href="#home">Home</a>
<a href="#about">About</a>
<a href="#services">Services</a>
<a href="#contact" class="navbar-right">Contact</a>
</div>
<!-- Login Page -->
<div class="login-container">
<div class="login-form">
<h1>Login</h1>
<form action="/client_jg/client_jg_index/" method="post">
<input type="hidden" name="csrfmiddlewaretoken"
value="NLy93x834c3k44jtXfhxYjbFA6ohFrsC82K86N026qHVscwbGZwi9x9VokcwsaZR">
<input type="text" name="username" placeholder="Username" required>
<input type="password" name="password" placeholder="Password" required>
<button type="submit">Login</button>
</form>
</div>
</div>
</body>
</html>
```





### 3.) SIGNUP PAGE

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Title </title>
  <link rel="stylesheet" href="../../static/css/client_js_signup_page.css">
</head>
<body>
```

```
  <div class="container">
    <h2>client hello Signup</h2>
    <form action="/client_js/client_js_signup/" method="post">
```

```
<input type="hidden" name="csrfmiddlewaretoken"
value="V8wJgtnPVUQNv4G8iA1wkCfV61nTzVODgpIIjJfOX8uoTCTQ1kghvQdbU
fb8mEIS">
```

```
<input type="text" name="form3Example1m" id="form3Example1m" >First
Name
```

```
<input type="text" name="form3Example1n" id="form3Example1n">Last
Name<br>
```

```
<br><input type="file" name="profile_photo" id="profile_photo">profile
Photo
```

```
<!-- check_username.html -->
```

```
<input type="text" name="userid" id="userid">Userid
```

```
<input type="text" name="form3Example1m1" id="form3Example1m1">City
```

```
<input type="text" name="form3Example1n1" id="form3Example1n1"> State
```

```
<input type="text"
```

```
name="form3Example1ngen" id="form3Example1ngen">Gender
```

```
<input type="text" name="form3Example9" id="form3Example9"> Date Of
Birth
```

```
<input type="text" name="form3Example90" id="form3Example90" >Intrest
```

```
<input type="text"
```

```
name="form3Example99" id="form3Example99">Education
```

```
<input type="text" name="form3Example8" id="form3Example8" >Enter E-
mail Id
```

```
<input type="text" name="form3Example97" id="form3Example97" >Enter
Phone Number
```

```
<input type="password" id="formpassword1" name="formpassword1"
placeholder="Password" required>Set password
```

```
<input type="password" id="formpassword2" name="formpassword2"
placeholder=" Conform_Password" required>Conform Password
```

```
<!-- Add more input fields for additional signup information -->
```

```
<div class="form-check">
```

```
<input type="checkbox" class="form-check-input" id="termsCheckbox">
```

```
<label class="form-check-label" for="termsCheckbox">
```

```

        I am a berojgar & accept all terms and conditions</a>
    </label>
</div>

    <script>
        // Enable the submit button when the checkbox is checked

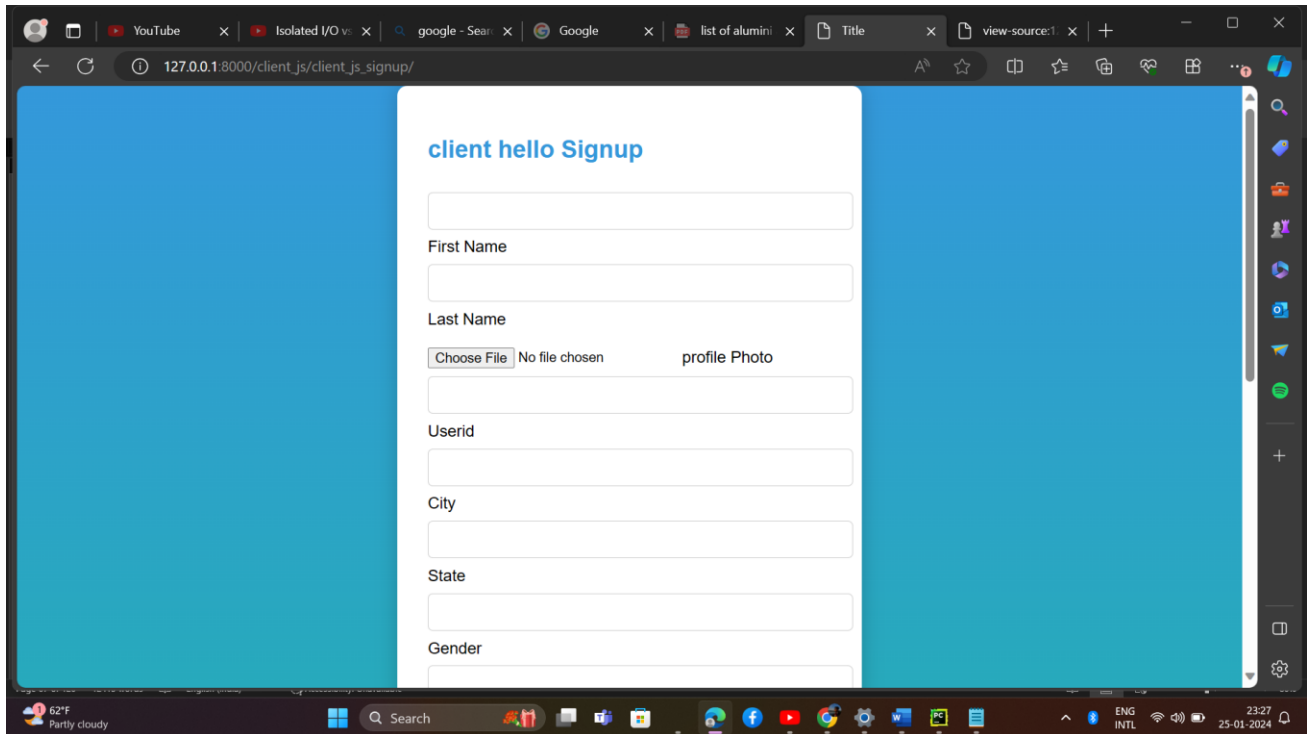
document.getElementById("termsCheckbox").addEventListener("change", function()
{
    document.getElementById("submitButton").disabled = !this.checked;
});
</script>

        <div class="d-flex justify-content-end pt-3">
            <button type="button" class="btn btn-light btn-lg">Reset
all</button>
            <button type="submit" class="btn btn-warning btn-lg ms-2"
id="submitButton" disabled >Sign Up </button>
        <!--            <div><input type="submit" value="SUBMIT"></div>-->
        </div>

    </form>

    <p>Already have an account? <a
href="/client_js/client_js_signin/">Login</a></p>
    </div>
</body>
</html>

```



#### 4.) SERVICE PAGE

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>client js index</title>

  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
  awesome/6.4.0/css/all.min.css" integrity= "sha512-
  iecdLmaskl7CVkqkXNQ/ZH/XLlvWZOJyj7Yy7tcenmpD1ypASozpmT/E0iPtmFIB4
  6ZmdtAc9eNBvH0H/ZpiBw==" crossorigin="anonymous" referrerpolicy="no-
  referrer" />
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
  rel="stylesheet" integrity="sha384-
  T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M
  2HN" crossorigin="anonymous">
  <link rel="stylesheet" href="../../../static/css/client_js_index.css">

```

```

</head>
<body>
<input type="hidden" name="csrfmiddlewaretoken"
value="8AicARzWsPS1xLUHX5wGX0dBzttCqU9btRubD7rVu3wCVj7pGPLr8ebRn
HhRdDGq">

<header>

<nav>
  <a href="#">Home</a>
  <a href="#">About</a>

  <form method="get" action="/search/">
    <div class="nav-search">
      <input class="search-box hov1" type="text" name="query" id="query"
size="73px" placeholder="Search relevent jobs , company ,skills">

      <div class="search-icon"><i class="fa-solid fa-magnifying-glass"></i></div>
    </div>
  </form>

  <a href="/client_js/client_js_signup/">Sign up</a>
  <a href="/about/">Contact</a>
</nav>

</header>

<div class="panel">

  <div class="p1">
    <span class="panel-data">
      <select id="dropdown1" name="dropdown1" class="panel-data">
        <option value="option1">Graphics & Design</option>
        <option value="option2">Option 2</option>
        <option value="option3">Option 3</option>
        <!-- Add more options as needed -->

```

```
</select>
</span>
</div>
```

```
<div class="p1">
<span class="panel-data">
  <select id="dropdown2" name="dropdown2" class="panel-data">
    <option value="option1">Programming & Tech</option>
    <option value="option2">Option 2</option>
    <option value="option3">Option 3</option>
    <!-- Add more options as needed -->
  </select>
</span>
</div>
```

```
<div class="p1">
<span class="panel-data">
  <select id="dropdown3" name="dropdown3" class="panel-data">
    <option value="option1">Art and animation</option>
    <option value="option2">Option 2</option>
    <option value="option3">Option 3</option>
    <!-- Add more options as needed -->
  </select>
</span>
</div>
```

```
<div class="p1">
<span class="panel-data">
  <select id="dropdown4" name="dropdown4" class="panel-data">
    <option value="option1">Writing & Translation</option>
    <option value="option2">Option 2</option>
    <option value="option3">Option 3</option>
    <!-- Add more options as needed -->
  </select>
</span>
</div>
```

```
<div class="p1">
<span class="panel-data">
  <select id="dropdown5" name="dropdown5" class="panel-data">
```

```

        <option value="option1">Graphics & Design</option>
        <option value="option2">Option 2</option>
        <option value="option3">Option 3</option>
        <!-- Add more options as needed -->
    </select>
</span>

</div>
</div>

<div class="job-pannel">
    <div class="card">
        
        <div class="card-content">
            <h2>Looking for Job ?</h2>
            <p>give us skill ,we will give you money</p>
            <a href="/client_js/jobdetail/"><button type="button" class="btn-bl">Get
Hired</button></a>
        </div>
    </div>

    <div class="card">
        
        <div class="card-content">
            <h2>Admin-Berojgarmate</h2>
            <p>only for the Admin of site.</p>
            <a href="/admin_signup/"><button type="button" class="btn-bl">Sign
Up</button></a>
        </div>
    </div>

    <div class="card">
        
        <div class="card-content">
            <h2>job giver</h2>
            <p>you need a freelancer for your job ?</p>
            <a href="/client_jg/client_jg_signup/"><button type="button" class="btn-
bl">Sign Up</button></a>
        </div>
    </div>

```

</div>

<div class="card-container-new">

<div class="card-new" style="--card-color: ;">

<h2>Product Manager</h2>

<p>Product Manager</p>

<button type="button" class="btn-bl" onclick="window.open('/client\_js/Product Manager/MBA,CS', '\_self')">Apply Now</button></a>

</div>

<div class="card-new" style="--card-color: ;">

<h2>Web Developer</h2>

<p>Web Developer</p>

<button type="button" class="btn-bl" onclick="window.open('/client\_js/Web Developer/django, react', '\_self')">Apply Now</button></a>

</div>

<div class="card-new" style="--card-color: ;">

<h2>Prompt engg.</h2>

<p>Prompt engg.</p>

<button type="button" class="btn-bl" onclick="window.open('/client\_js/Prompt engg./cmd ', '\_self')">Apply Now</button></a>

</div>

<div class="card-new" style="--card-color: ;">

<h2>telecalling</h2>

<p>telecalling</p>

<button type="button" class="btn-bl" onclick="window.open('/client\_js/telecalling/clalling', '\_self')">Apply Now</button></a>



</div>

```
<div class="card-new" style="--card-color: ;">
  <h2>Software Tester</h2>
  <p>Software Tester</p>
  <button type="button" class="btn-bl" onclick="
window.open('/client_js/Software Tester/testings', '_self')">Apply Now</button></a>
```

</div>

```
<div class="card-new" style="--card-color: ;">
  <h2>Graphics Designer</h2>
  <p>Graphics Designer</p>
  <button type="button" class="btn-bl" onclick="
window.open('/client_js/Graphics Designer/adobe , pixabey , pixellab', '_self')">Apply
Now</button></a>
```

</div>

```
<div class="card-new" style="--card-color: ;">
  <h2>Teacher</h2>
  <p>Teacher</p>
  <button type="button" class="btn-bl" onclick="
window.open('/client_js/Teacher/teaching', '_self')">Apply Now</button></a>
```

</div>

</div>

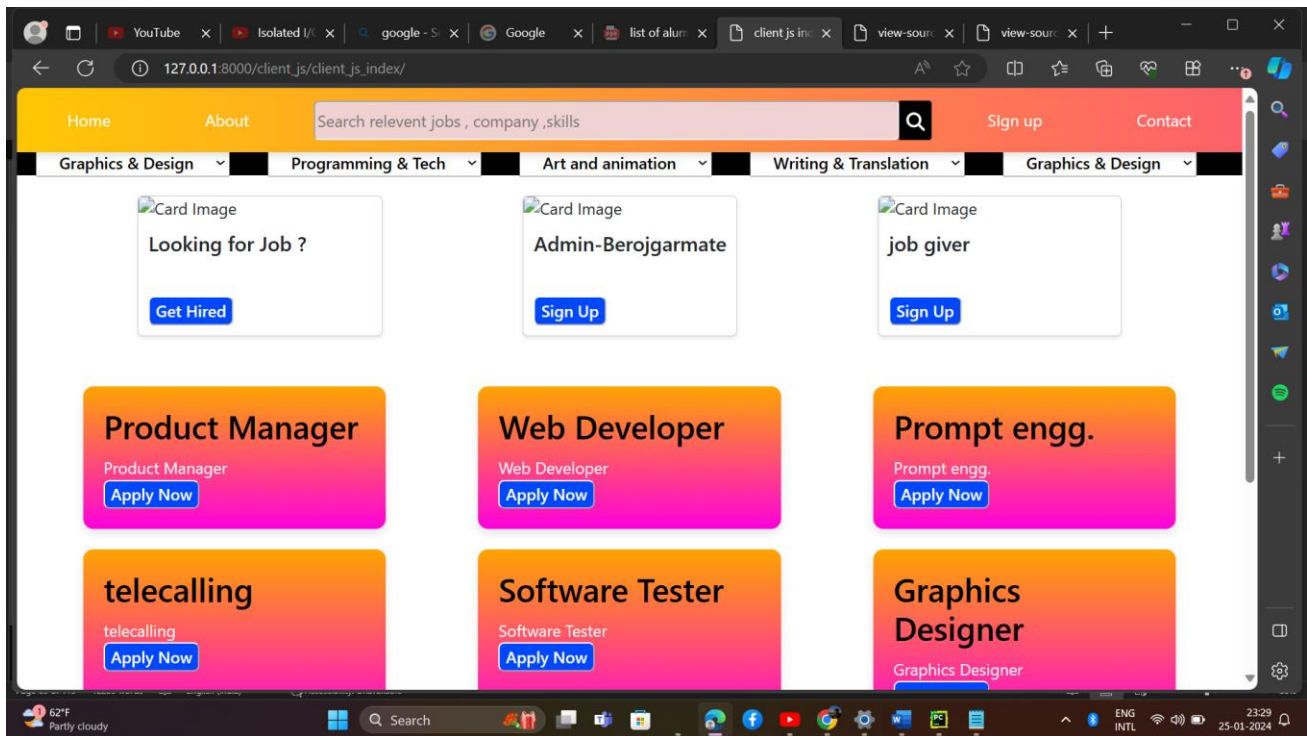
```
<footer>
  &copy; 2023 worklancer.com
</footer>
```

```
<!-- <script>-->
<!--    // Function to open a new page with a specific title-->
<!--    function openJobPage(jobId, jobTitle) {-->
<!--        const newPage = window.open('job_apply_form.html', '_blank');-->
<!--        newPage.document.title = jobTitle;-->
<!--    }-->

<!--    // Add event listeners to the buttons-->
<!--    document.getElementById("").addEventListener('click', function() {-->
<!--        openJobPage('job1', 'Job 1 Details');-->
<!--    });-->

<!-- </script>-->
```

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



## 5.) ABOUT PAGE

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Colorful Webpage</title>
  <link rel="stylesheet" href="../../static/css/home_index/about.css">
</head>
<body>

  <header>
    <h1>About Us</h1>
  </header>

  <section>
    <div class="card">
```

<h2>Welcome User</h2>

<p>This is the Worklancer.com not only a site it is a key towards your goals  
we provide the job as well as the work you give us skill  
we give u money apun ka hi paosa hai </p>

<p>8349948003 , abhisheksahoo1573@gmail.com</p>  
</div>

</section>

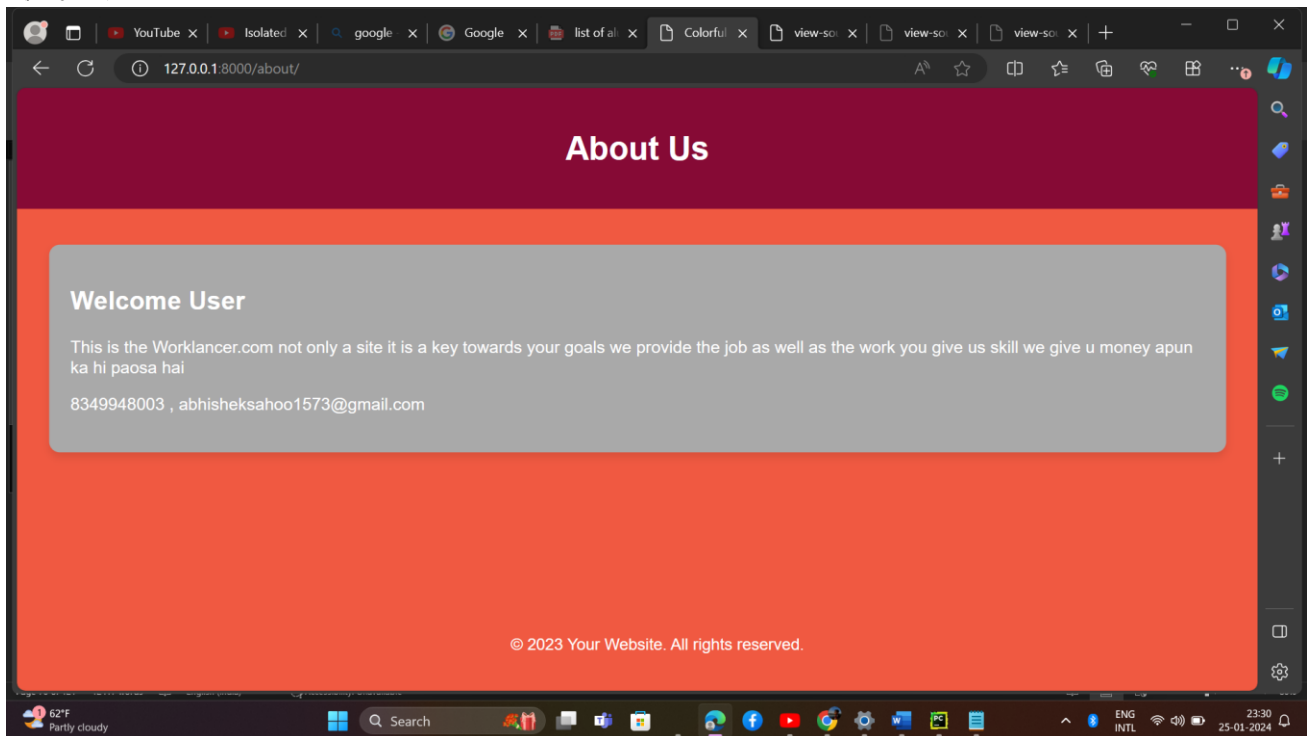
<footer>

<p>&copy; 2023 Your Website. All rights reserved.</p>

</footer>

</body>

</html>



## 6.) ADMIN PAGE

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <link rel="stylesheet"
href="../../static/css/admin_css/style_admin_index.css">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Webpage with Navbar and Search Bar</title>

</head>
<body>

  <div class="container-main">
    <div class="navbar">
      <div class="nav-home"><a href="#home">Home</a></div>
      <div class="nav-about"><a href="#about">About</a></div>
      <div class="nav-serv"><a href="#services">Services</a></div>
      <div class="nav-contact"><a href="#contact">Contact</a></div>

    </div>
    <div class="search-bar">
      <div class="search-bar-inside"><input type="text" class="search-input"
placeholder="Search for detail"></div>

      <div class="srch-0btn"><button class="search-
button">Search</button></div>

    </div>

    <div class="nav-name-logout">
      <div class="nav-para"><p>Welcome </p></div>

      <div class="nav-logout-btn"><input type="button"
value="Logout"></button></div>

```

</div>

</div>

</div>

<div class="card-container">

<!-- Card 1 -->

<div class="card">

<h2>Job Seeker</h2>

<p>This is the content of card 1. You can put any information you want here.</p>

<a href="/client\_job\_seeker\_admin/"> <button type="button" class="btn-login btn-pink">click here</button></a>

</div>

<!-- Card 2 -->

<div class="card">

<h2>Admin Detail</h2>

<p>This is the content of card 2. You can put any information you want here.</p>

<a href="/admin/"> <button type="button" class="btn-login btn-pink">click here</button></a>

</div>

<!-- Card 3 -->

<div class="card">

<h2>Job Giving Detail </h2>

<p>This is the content of card 3. You can put any information you want here.</p>

<a href="/client\_job\_giver\_admin/"> <button type="button" class="btn-login btn-pink">click here</button></a>

<a href="/view\_avl\_jobs/"> <button type="button" class="btn-login btn-pink">available jobs</button></a>

</div>

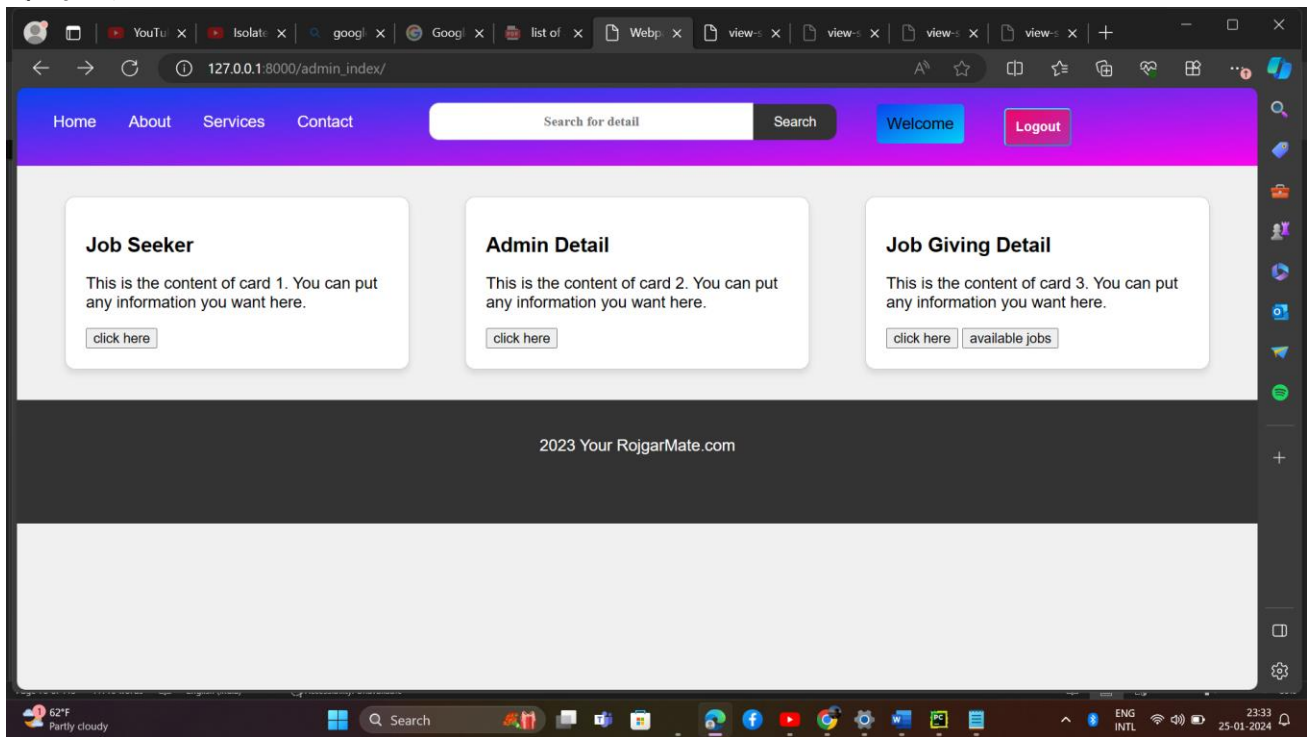
</div>

```

<footer>
<div class="attractive-footer">
  <p>2023 Your RojgarMate.com</p>
  <div class="social-icons">
    <a href="#"><i class="fab fa-facebook"></i></a>
    <a href="#"><i class="fab fa-twitter"></i></a>
    <a href="#"><i class="fab fa-instagram"></i></a>
    <a href="#"><i class="fab fa-linkedin"></i></a>
  </div>
</div>
</footer>

</body>
</html>

```



## 9.) Admin tool Page for editing

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="../../static/css/client_jg/avl_job_detail.css">
  <title>Stylish Animated Table</title>
</head>
<body>

  <div class="table-container">
    <table class="styled-table">
      <thead>
        <tr>
          <th>Job id</th>
          <th>Client First Name</th>
          <th>Client Last name</th>
          <th>Job Img</th>
          <th>Email-id</th>
          <th>Job Title</th>
          <th>Phone number</th>
          <th>Country</th>
          <th>Job Description</th>
          <th>Job Skills</th>
          <th>Operations</th>
        </tr>
      </thead>
      <tbody>

        <tr>

          <td>301</td>
          <td>abhishek</td>
          <td>Sahoo</td>
          <td>static/images/Screenshot_8.png</td>
          <td>hello@gmai</td>
          <td>Product Manager</td>
          <td>9399039919</td>
          <td>india</td>
          <td>Manger o manage the Software Development</td>
        </tr>
      </tbody>
    </table>
  </div>

```



```

        <td>MBA,CS</td>
        <td>
        <button type="button" class="btn-bl" onclick="
window.open('/updatedata_avl_jobs/301', '_self')">UPDATE</button></a>
        <button type="button" class="btn-bl" onclick="
window.open('/delete_avl_jobs/301', '_self')">Delete</button></a>
        </td>

```

```

</tr>

```

```

<tr>

```

```

        <td>201</td>
        <td>Rama</td>
        <td>Sahoo</td>
        <td>static/images/Screenshot_7.png</td>
        <td>ra101@g</td>
        <td>Web Developer</td>
        <td>+919220440777</td>
        <td>usa</td>
        <td>webdevelopmehnology</td>
        <td>django, react</td>
        <td>
        <button type="button" class="btn-bl" onclick="
window.open('/updatedata_avl_jobs/201', '_self')">UPDATE</button></a>
        <button type="button" class="btn-bl" onclick="
window.open('/delete_avl_jobs/201', '_self')">Delete</button></a>
        </td>

```

```

</tr>

```

```

<tr>

```

```

        <td>101</td>
        <td>manjubala</td>
        <td>sa</td>
        <td>Screenshot (3).png</td>
        <td>h@jhb</td>
        <td>Prompt engg.</td>
        <td>9829u832</td>

```

```

        <td>canada</td>
        <td>linux</td>
        <td>cmd ,</td>
        <td>
            <button type="button" class="btn-bl" onclick="
window.open('/updatedata_avl_jobs/101', '_self')">UPDATE</button></a>
            <button type="button" class="btn-bl" onclick="
window.open('/delete_avl_jobs/101', '_self')">Delete</button></a>
        </td>

```

```

    </tr>

```

```

    <tr>

```

```

        <td>b12</td>
        <td>akash</td>
        <td>Sahoo</td>
        <td></td>
        <td>abhishek.ytube01@gmail.com</td>
        <td>telecalling</td>
        <td>+918349948003</td>
        <td>usa</td>
        <td>ttelecalling</td>
        <td>clalling</td>
        <td>
            <button type="button" class="btn-bl" onclick="
window.open('/updatedata_avl_jobs/b12', '_self')">UPDATE</button></a>
            <button type="button" class="btn-bl" onclick="
window.open('/delete_avl_jobs/b12', '_self')">Delete</button></a>
        </td>

```

```

    </tr>

```

```

    <tr>

```

```

        <td>vv101</td>
        <td>vikas</td>
        <td>verma</td>
        <td>Screenshot (3).png</td>
        <td>a@gmail.co</td>

```

```

        <td>Software Tester</td>
        <td>892832937237</td>
        <td>canada</td>
        <td>xpiriance of three years</td>
        <td>testings</td>
        <td>
            <button type="button" class="btn-bl" onclick="
window.open('/updatedata_avl_jobs/vv101', '_self')">UPDATE</button></a>
            <button type="button" class="btn-bl" onclick="
window.open('/delete_avl_jobs/vv101', '_self')">Delete</button></a>
        </td>

```

```

    </tr>

```

```

    <tr>

```

```

        <td>x123</td>
        <td>Abhishek</td>
        <td>Sahoo</td>
        <td></td>
        <td>abhisheksahoo1573@gmail.com</td>
        <td>Graphics Designer</td>
        <td>+918349948003</td>
        <td>usa</td>
        <td>play with different tools earn money</td>
        <td>adobe , pixabey , pixellab</td>
        <td>
            <button type="button" class="btn-bl" onclick="
window.open('/updatedata_avl_jobs/x123', '_self')">UPDATE</button></a>
            <button type="button" class="btn-bl" onclick="
window.open('/delete_avl_jobs/x123', '_self')">Delete</button></a>
        </td>

```

```

    </tr>

```

```

    <tr>

```

```

        <td>t101</td>
        <td>poonam</td>
        <td>yadav</td>

```

```

        <td></td>
        <td>poonamyadav@gmail.com</td>
        <td>Teacher</td>
        <td>948558</td>
        <td>usa</td>
        <td>assistant professor</td>
        <td>teaching</td>
        <td>
            <button type="button" class="btn-bl" onclick="
window.open('/updatedata_avl_jobs/t101', '_self')">UPDATE</button></a>
            <button type="button" class="btn-bl" onclick="
window.open('/delete_avl_jobs/t101', '_self')">Delete</button></a>
        </td>

    </tr>

</tbody>
</table>
</div>

</body>
</html>    <script>
        var menuLeft = document.getElementById( 'cbp-spmenu-s1' ),
            showLeftPush = document.getElementById( 'showLeftPush'
),
            body = document.body;

        showLeftPush.onclick = function() {
            classie.toggle( this, 'active' );
            classie.toggle( body, 'cbp-spmenu-push-toright' );
            classie.toggle( menuLeft, 'cbp-spmenu-open' );
            disableOther( 'showLeftPush' );
        };

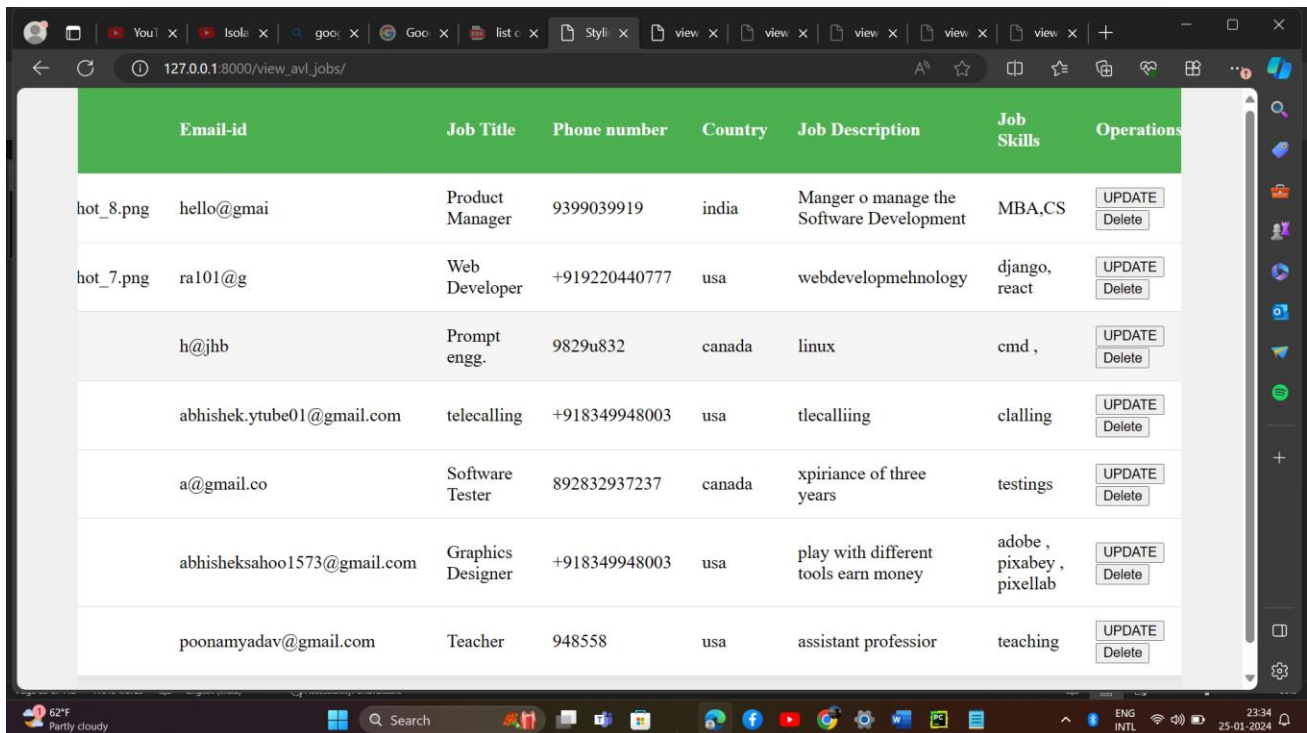
        function disableOther( button ) {
            if( button !== 'showLeftPush' ) {
                classie.toggle( showLeftPush, 'disabled' );
            }
        }
    }

```

```

        </script>
        <!--scrolling js-->
        <script src="js/jquery.nicescroll.js"></script>
        <script src="js/scripts.js"></script>
        <!--//scrolling js-->
        <!-- Bootstrap Core JavaScript -->
        <script src="js/bootstrap.js"> </script>
</body>
</html>
<?php } ?>

```



Email-id	Job Title	Phone number	Country	Job Description	Job Skills	Operations
hot_8.png hello@gmail	Product Manager	9399039919	india	Manger o manage the Software Development	MBA,CS	UPDATE Delete
hot_7.png ra101@g	Web Developer	+919220440777	usa	webdevelopmehnology	django, react	UPDATE Delete
h@jhb	Prompt engg.	9829u832	canada	linux	cmd ,	UPDATE Delete
abhishek.youtube01@gmail.com	telecalling	+918349948003	usa	tlecalling	clalling	UPDATE Delete
a@gmail.co	Software Tester	892832937237	canada	xpiriance of three years	testings	UPDATE Delete
abhisheksahoo1573@gmail.com	Graphics Designer	+918349948003	usa	play with different tools earn money	adobe , pixabay , pixellab	UPDATE Delete
poonamyadav@gmail.com	Teacher	948558	usa	assistant professor	teaching	UPDATE Delete

## 10.) ALL Job giver details PAGE

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">

```

```

<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Colorful Table with clin Navbar</title>
<link rel="stylesheet" href="../../static/css/client_jg/client_jg_job_apply.css">
</head>
<body>
  <nav class="navbar">
    <ul>
      <li><a href="#home">Home</a></li>
      <li><a href="#about">About</a></li>
      <li><a href="#services">Services</a></li>
      <li><a href="#contact">Contact</a></li>
    </ul>
  </nav>
  <div class="table-container">
    <table class="colorful-table">
      <thead>
        <tr>
          <th>First Name</th>
          <th>Last Name </th>
          <th>City</th>
          <th>State</th>
          <th>Email id</th>
          <th>Gender</th>
          <th>D.O.B</th>
          <th>Education</th>
          <th>Mobile number</th>
          <th>Operatios</th>
        </tr>
      </thead>
      <tbody>
        <tr>
          <td>Rama </td>
          <td>sahoo </td>
          <td>bhilai</td>
          <td>chhattisgarh</td>
          <td></td>
          <td>male</td>

```

```

        <td>12 june1983</td>
        <td>B.com</td>
        <td>9229440777</td>
        <td>
            <button type="button" class="btn-bl" onclick="
window.open('/updatedata_jg/Rama ', '_self')">UPDATE</button></a>
            <button type="button" class="btn-bl" onclick="
window.open('/delete_jg/Rama ', '_self')">Delete</button></a>
        </td>

    </tr>

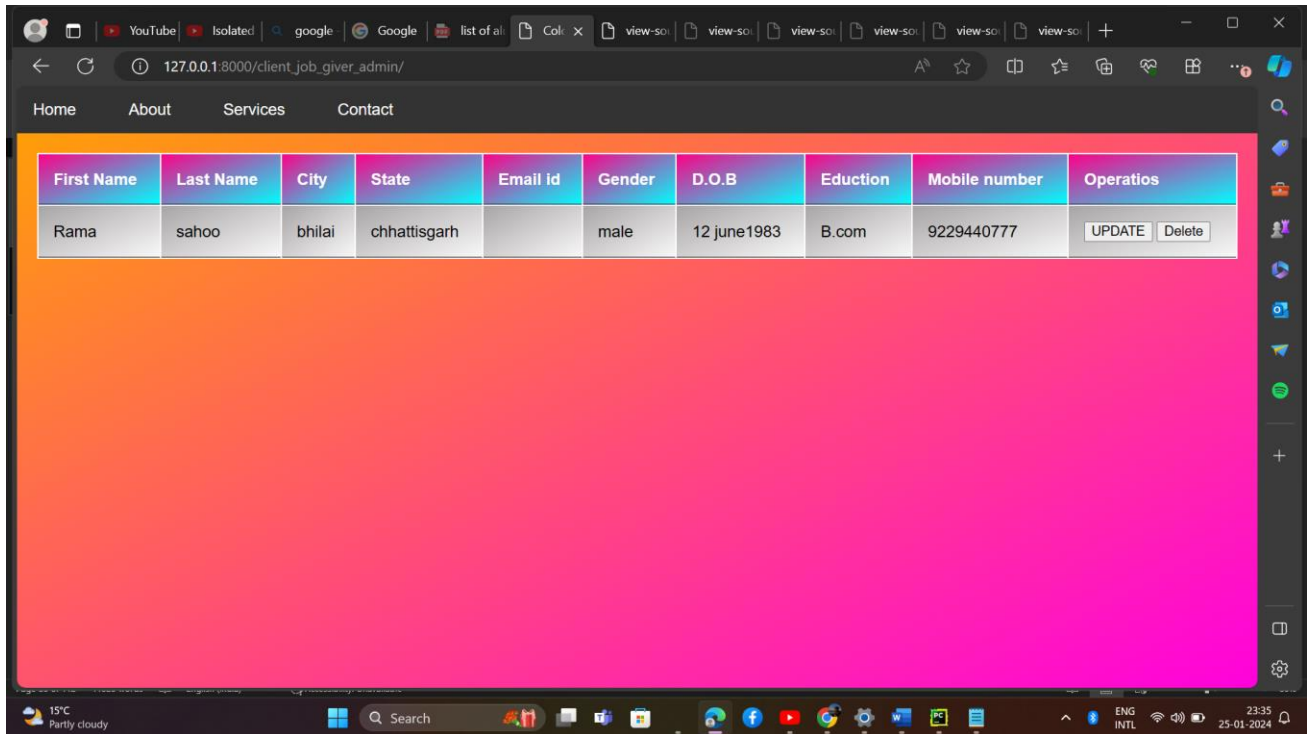
    <script>

    </script>
</tbody>

</table>

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

```



## Chapter-VI

# SYSTEM TESTING AND SECURITY



### **6.1) System Testing: -**

Testing is vital for the success of any software. No system design is ever perfect. Testing is also carried in two phases. First phase is during the software engineering that is during the module creation. Second phase is after the completion of software. This is system testing which verifies that the whole set of programs hanged together.

Testing is the process of detecting errors. Testing performs a very critical role for quality assurance and for ensuring the reliability of software and application.

**Unit Testing:** This type of testing is the testing of individual software components. It is typically done by the programmer and not by the testers. It requires details information and knowledge about the internal program design and code to perform this

During unit testing, we carried out various testing task such as the reflection of the unit data on database and its interface. Various types of bugs associated with the component were identified and fixed. We use various functional keys to test our software. In our software unit testing is concerned with the stock units, opening stock units and product units validation as well as the validation of product units

**Validation Testing:** In the present system, validations are been written for Reference, Pay Type etc., entries and proper error messages are displayed when any validation error occurs. Validations such as a Text field should accept only Character data but no any other Characters and only Number data but no any other Characters.

### **Testing Strategies**

Software testing is one element of verification and validation. Verification refers to the set of activities that ensure that software correctly implements as specific function. Validation refers to a different set of activities that ensure that the software that has been built is traceable to customer requirements. The main objective of software testing is to uncover errors. To fulfill this objective, a series of test steps unit, integration, and system tests are planned and executed.

### **6.2) SYSTEM SECURITY :-**

The protection of computer based resources that include hardware, software data procedure and people against unauthorized use or natural disaster is known system security. System Security refers to the technical innovations and procedures applied to

the hardware and operating systems to protect against deliberate or accidental damage from a defined threat.

System Security can be divided into four related issues:

**Security :** Hardware and operating system to protect deliberate or accidental damage form a define threat ,data security is the protection of data from loss, disclosure , modification and destruction.

**Integrity:** System integrity refer to the power function of hardware and programs, appropriate physical security and safety against external threats such as eavesdropping and wiretapping.

**Privacy:** Privacy define the right of the user or organizations to determine what information they are willing to share with or accept from other and how the organization can be protected against unwelcome, unfair or excessive dissemination of information about it.

**Confidentiality:** The means used to ensure that information is made available only to users who are authorized to access it. This ensures that only authorized users can view sensitive data.

## **Chapter- VII**

# **CONCLUSION**

### **7.1) Conclusion of the Project Freelancing Website - Worklancer.com:-**

Our project is only a humble venture to satisfy the needs to manage their project work. Several user friendly coding have also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the school. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

At the end it is concluded that we have made effort on following points...

- A description of the background and context of the project and its relation to work already done in the area.
- Made statement of the aims and objectives of the project.
- The description of Purpose, Scope, and applicability.
- We define the problem on which we are working in the project.
- We describe the requirement Specifications of the system and the actions that can be done on these things.
- We understand the problem domain and produce a model of the system, which describes operations that can be performed on the system.
- We included features and operations in detail, including screen layouts.

- We designed user interface and security issues related to system.
- Finally the system is implemented and tested according to test cases.

## **7.2) Future Scope of the Project:-**

In a nutshell, it can be summarized that the future scope of the project circles around maintaining information regarding:

- We can add printer in future.
- We can give more advance software for Freelancing Website - Worklancer.com including more facilities
- We will host the platform on online servers to make it accessible worldwide
- Integrate multiple load balancers to distribute the loads of the system
- Create the master and slave database structure to reduce the overload of the database queries
- Implement the backup mechanism for taking backup of codebase and database on regular basis on different servers

The above mentioned points are the enhancements which can be done to increase the applicability and usage of this project. Here we can maintain the records of Stock and Worklancer.com. Also, as it can be seen that now-a-days the players are versatile, i.e. so there is a scope for introducing a method to maintain the Freelancing Website - Worklancer.com. Enhancements can be done to maintain all the Stock, Worklancer.com, Products, Sells, Customers.

We have left all the options open so that if there is any other future requirement in the system by the user for the enhancement of the system then it is possible to implement them. In the last we would like to thanks all the persons involved in the development of the system directly or indirectly. We hope that the project will serve its purpose for which it is develop there by underlining success of process.

### **7.3) Limitation of Project on Freelancing Website - Worklancer.com:-**

Although I have put my best efforts to make the software flexible, easy to operate but limitations cannot be ruled out even by me. Though the software presents a broad range of options to its users some intricate options could not be covered into it; partly because of logistic and partly due to lack of sophistication. Paucity of time was also major constraint, thus it was not possible to make the software foolproof and dynamic. Lack of time also compelled me to ignore some part such as storing old result of the candidate etc.

Considerable efforts have made the software easy to operate even for the people not related to the field of computers but it is acknowledged that a layman may find it a bit problematic at the first instance. The user is provided help at each step for his convenience in working with the software.

List of limitations which is available in the Freelancing Website - Worklancer.com:

- Excel export has not been developed for Stock, Worklancer.com due to some criticality.

- The transactions are executed in off-line mode, hence on-line data for Products, Sells capture and modification is not possible.
- Off-line reports of Stock, Customers, Products cannot be generated due to batch mode execution.

## **BIBLIOGRAPHY**



## References and Bibliography:

Here's a bibliography for Python, Django, HTML, and CSS:

### Books:

"Django for Beginners" by William S. Vincent

"Django for APIs: Build web APIs with Python & Django" by William S. Vincent

"Python Crash Course" by Eric Matthes

"HTML and CSS: Design and Build Websites" by Jon Duckett

### Online Resources:

Django Documentation: <https://docs.djangoproject.com/en/stable/>

Mozilla Developer Network (MDN) HTML Guide:

<https://developer.mozilla.org/en-US/docs/Web/HTML>

Mozilla Developer Network (MDN) CSS Guide:

<https://developer.mozilla.org/en-US/docs/Web/CSS>

W3Schools Django Tutorial: <https://www.w3schools.com/django/>

Codecademy's HTML & CSS Course:

<https://www.codecademy.com/learn/learn-html-css>

### Video Tutorials:

"Django Tutorial for Beginners" by Corey Schafer (YouTube)

"Python Django Tutorial" by thenewboston (YouTube)

"HTML Full Course - Build a Website Tutorial" by freeCodeCamp.org  
(YouTube)

"CSS Crash Course For Absolute Beginners" by Traversy Media (YouTube)

