## VISVESVARAYA TECHNOLOGICAL UNIVERSITY



**BELAGAVI – 590018, KARNATAKA INTERNSHIP REPORT ON**

## “SITE FOR GANESH DISIGNMATICS LTD”

***Submitted in partial fulfilment for the award of degree(18CSI85)***

### BACHELOR OF COMPUTER SCIENCE AND ENGINEERING

***Submitted by:* NAME:RAKESH G R**

**USN: 1MV20CS409**

**CONDUCTED AT: ICsoln**

**Sir M. Visvesvaraya Institute of Technology - 562157**

**Department of Computer Science Affiliated to VTU Belagavi Yelahanka, Bengaluru-57**

### Sir M. Visvesvaraya Institute of Technology Department of Computer Science Affiliated to VTU Belagavi

### Yelahanka, Bengaluru-64



**CERTIFICATE**

This is to certify that the Internship titled **“SITE FOR GANESH DESIGNMATICS LTD”** carried out by **Mr. Rakesh G R,** a bonafide student of Sir M. Visvesvaraya Institute of Technologyt, in partial fulfillment for the award of **Bachelor of Engineering**, in **Computer Science and Engineering** under Visvesvaraya Technological University, Belagavi, during the year 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report.

The project report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the course Internship / Professional Practice (18CSI85)

#### Signature of Guide Signature of HOD Signature of Principal

**External Viva:**

Name of the Examiner Signature with Date

1)

2)

## D E C L A R A T I O N

I, **RAKESH G R**, final year student of Computer Science Branch, **Sir M. Visvesvaraya Institute of Technology** - 562157, declare that the Internship has been successfully completed, in **ICsoln.** This report is submitted in partial fulfillment of the requirements for award of Bachelor Degree in Branch name, during the academic year 2022-2023.

Date: 23-08-2022 TO 23-09-2022

Place: Bengaluru USN:1MV20CS409

NAME: RAKESH G R

## A C K N O W L E D G E M E N T

This Internship is a result of accumulated guidance, direction and support of several important persons. We take this opportunity to express our gratitude to all who have helped us to complete the Internship.

We express our sincere thanks to our principal, for providing usadequate facilities to undertake this Internship.

We would like to thank our Head of Dept – Computer Science branch, for providing us an opportunity to carry out Internship and for his valuable guidance and support.

We would like to thank our (Lab assistant name) Software Services for guiding us during the period of internship.

We express our deep and profound gratitude to our guide, Guide name, Assistant/Associate Prof, for her keen interest and encouragement at every step in completing the Internship.

We would like to thank all the faculty members of our department for the support extended during the course of Internship.

We would like to thank the non-teaching members of our dept, for helping us during the Internship.

Last but not the least, we would like to thank our parents and friends without whose constant help, the completion of Internship would have not been possible.

**NAME: RAKESG G R**

**USN: 1MV20CS401**

**ABSTRACT**

In the last decade various research efforts and commercial offerings have sought to provide levels of automated assistance with time management. Besides basic calendaring, collaboration, and communication, many of these efforts concern event negotiation or scheduling, while others concern task management and monitoring. When automated scheduling is employed, most often events and tasks are treated separately, with the latter being kept out of the user's calendar. One consequence can be missing deadlines or even not accomplishing some tasks. Based on experience in developing and deploying an automated task management system and an event scheduling system, this paper sets the requirements for an intelligent calendar assistant that treats tasks and events in a unified way, schedules all of them within the user's calendar, and reschedules them whenever needed. We outline a set of attributes used to represent the overall combined scheduling problem, together with a set of criteria used to represent users' preferences and evaluate alternative schedules.

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**COMPANY PROFILE**

# COMPANY PROFILE

### A Brief History of ICsoln Company

**ICsoln ,** was incorporated with a goal ”To provide high quality and optimal Technological Solutions to business requirements of our clients”. Every business is a different and has a unique business model and so are the technological requirements. They understand this and hence the solutions provided to these requirements are different as well. They focus on clients’ requirements and provide them with tailor made technological solutions.They also understand that Reach of their Product to its targeted market or the automation of the existing process into e-client and simple process are the key features that our clients desire from Technological Solution they are looking for and these are the features that we focus on while designing the solutions for their clients.

Sarvamoola Software Services. is a Technology Organization providing solutions for all web design and development, MYSQL, PYTHON Programming, HTML, CSS, ASP.NET and LINQ. Meeting the ever-increasing automation requirements, Sarvamoola Software Services. specialize in ERP, Connectivity, SEO Services, Conference Management, effective web promotion and tailor-made software products, designing solutions best suiting client’s requirements.

**ICsoln,** strive to be the front runner in creativity and innovation in software development through their well-researched expertise and establish it as an out of the box software development company in Bangalore, India. As a software development company, they translate this software development expertise into value for their customers through their professional solutions.

They understand that the best desired output can be achieved only by understanding the clients demand better. **ICsoln** work with their clients and help them todefine their exact solution requirement. Sometimes even they wonder that they have completely redefined their solution or new application requirement during the brainstormingsession, and here they position themselves as an IT solutions consulting group comprising of high caliber consultants.

They believe that Technology when used properly can help any business to scale and achievenew heights of success. It helps Improve its efficiency, profitability, reliability; to put itin one sentence” Technology helps you to Delight your customers” and that is what we wantto achieve.

[**CHAPTER**](https://1.bp.blogspot.com/-dODuK8N5h1Q/Wlnyb3V9HFI/AAAAAAAACL4/WxQtCJ1pM5wccDABg4wIrTBUB0vlikXQQCLcBGAs/s1600/poly1.jpg) **2**

**ABOUT THE COMPANY**

# ABOUT THE COMPANY



**ICsoln** is a Technology Organization providing solutions for all web design and development, MYSQL, PYTHON Programming, HTML, CSS, ASP.NET and LINQ. Meeting the ever-increasing automation requirements, **ICsoln** specialize in ERP, Connectivity, SEO Services, Conference Management, effective webpromotion and tailor- made software products, designing solutions best suiting client’s requirements. The organization where they have a right mix of professionals as a stakeholder to help us serve our clients with best of our capability and with at par industry standards.They have young, enthusiastic, passionate and creative Professionals to develop technological innovations in the field of Mobile technologies, Web applications as well as Business and Enterprise solution. Motto of our organization is to “Collaborate with our clients to provide them with best Technological solution hence creating Good Present and Better Future for our client which will bring a cascading a positive effect in their business shape as well”. Providing a Complete suite of technical solutions is not just our tag line, it is Our Vision for Our Clients and for Us, we strive hard to achieve it.

### Products of ICsoln Company. Android Apps

It is the process by which new applications are created for devices running the Android

operating system. Applications are usually developed in Java (and/or Kotlin; or other such option) programming language using the Android software development kit (SDK), but other development environments are also available, some such as Kotlin support the exact same Android APIs (and bytecode), while others such as Go have restricted API access.

The Android software development kit includes a comprehensive set of development tools. These include a debugger, libraries, a handset emulator based on QEMU, documentation, sample code, and tutorials. Currently supported development platforms include computers running Linux (any modern desktop Linux distribution), Mac OS X 10.5.8 or later, and Windows 7 or later. As of March 2015, the SDK is not available on Android itself, but software development is possible by using specialized Android applications.

### Web Application

It is a client–server computer program in which the client (including the user interface and client- side logic) runs in a web browser. Common web applications include web mail, online retail sales, online auctions, wikis, instant messaging services and many other functions. web applications use web documents written in a standard format such as HTML and JavaScript, which are supported by a variety of web browsers. Web applications can beconsidered as a specific variant of client–server software where the client software isdownloaded to the client machine when visiting the relevant web page, using standard procedures such as HTTP. The Client web software updates may happen each time the web page is visited. During the session, the web browser interprets and displays the pages, andacts as the universal client for any web application. The use of web application frameworks can often reduce the number of errors in a program, both by making the code simpler, and by allowing one team to concentrate on the framework while another focuses on a specified usecase. In applications which are exposed to constant hacking attempts on the Internet, security-related problems can be caused by errors in the program.

Frameworks can also promote the use of best practices such as GET after POST. There are some who view a web application as a two-tier architecture. This can be a “smart” client that performs all the work and queries a “dumb” server, or a “dumb” client that relies on a “smart”server. The client would handle the presentation tier, the server would have the database (storage tier), and the business logic (application tier) would be on one of them or on both. While this increases the scalability of the applications and separates the display and the database, it still doesn’t allow for true specialization of layers, so most applications will outgrow this model. An emerging strategy for application software companies is to provide web access to software previously distributed as local applications. Depending on the type of application, it may require the development of an entirely different browser-based interface, or merely adapting an existing application to use different presentation technology. These programs allow the user to pay a monthly or yearly fee for use of a software application without having to install it on a local hard drive. A company which follows this strategy is known as an application service provider (ASP), and ASPs are currently receiving much attention in the software industry.

Security breaches on these kinds of applications are a major concern because it can involve both enterprise information and private customer data. Protecting these assets is an important part of any web application and there are some key operational areas that must be included in the development process. This includes processes for authentication, authorization, asset handling, input, and logging and auditing. Building security into the applications from the beginning can be more effective and less disruptive in the long run.

### Web design

It is encompassing many different skills and disciplines in the production and maintenance of websites. The different areas of web design include web graphic design; interface design; authoring, including standardized code and proprietary software; user experience design; and search engine optimization. The term web design is normally used to describe the design process relating to the front-end (client side) design of a website including writing mark up. Web design partially overlaps web engineering in the broader scope of web development. Web designers are expected to have an awareness of usability and if their role involves creating markup then they are also expected to be up to date with web accessibility guidelines. Web design partially overlaps web engineering in the broader scope of web development.

### Departments and services offered

**ICsoln** plays an essential role as an institute, the level of education, development of student’s skills are based on their trainers. If you do not have a good mentor then you may lag in many things from others and that is why we at **ICsol**n gives you the facility of skilled employees so that you do not feel unsecured aboutthe academics. Personality development and academic status are some of those things which lie on mentor’s hands. If you are trained well then you can do well in your future and knowing its importance of **ICsoln** always tries to give you the best.

They have a great team of skilled mentors who are always ready to direct their trainees in the best possible way they can and to ensure the skills of mentors we held many skills development programs as well so that each and every mentor can develop their own skills with the demands of the companies so that they can prepare a complete packaged trainee.

### Services provided by ICsoln Company.

* Core Java and Advanced Java
* Web services and development
* Dot Net Framework
* Python
* Selenium Testing
* Conference / Event Management Service
* Academic Project Guidance
* On The Job Training/Software Training

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**INTRODUCTION**

## INTRODUCTION

### Introduction to Web Apps

Web applications are similar to the traditional applications you’d install on your Information, such as Microsoft Office. They are able to perform the same kinds of tasks, they look the same and they feel the same but there is one key difference - the application itself is not installed on your phone or Information, but lives in the cloud. Web apps are not new, but it used to be that they were often unable to compete with more traditional applications for business-critical functions or where rich user interaction was required. This is no longer the case. With the power of modern web technologies, we are able to design and build performing, secure, and feature rich applications that live in the cloud and bring with them a huge number of benefits.

#### They can be accessed from anywhere.

* Because web applications are built with web technologies and they run in a web browser Internet Explorer, Google Chrome, Mozilla Firefox – this allows them to be accessed from every web enabled tool. As long as you have an internet connection you can use them.
* It allows for remote working, it allows for rapid publishing of content, it allows for real time collaboration between teams. If you have web access, you have the ability to access your business tools.

#### They are cost effective.

* Web applications are cheaper to produce and maintain than traditional applications. No matter how many platforms your business uses (Mac, Linux, Windows) web application build can be used across them all.

#### They benefit from more rapid update cycles.

* A huge benefit of web applications is that when an update is released, all of your users are immediately using that version. This doesn’t happen with installed applications, especially in large organizations with IT policies that restrict administrator access.

#### They are secure.

* Web developers have had to become experts in security – the web is a platform designed to share everything with everyone! As such, the types and levels of security included in web applications are often far greater than those seen in traditional

applications.

* They also benefit from the ability to launch updates in real-time – the application on the servers is the application people are using. The applications on people’s laptops however is the version last installed. And when those laptops get left on a train it’s not a concern, as nothing is stored locally.

#### They enable more computing with fewer Information.

* Web applications push all of the hard work to the servers, and act as intermediaries between the user interface and the calculations happening behind the scenes. This means you can accomplish terrifyingly complex work on a tablet, or your phone.
* We’ve built web applications that allow people to understand the complex relationships between 250,000 pieces of art on their phones, and applications that run the business systems of one of the largest solar energy providers in the world. Often these productsare not financially viable to build using traditional application processes.

### Problem Statement

Develop an application which facilitates creation of web pages having a need to install any HTML editor-based software and also which can be used by any novice user (no HTML knowledge needed) that is developing web pages on the online. This module is designed to reduce the process involved in managing the activity of customers and business where the business can sell their services and the customers can buy those.

### Introduction to B2C Ecommerce Website Development with Admin Panel

B2C E-commerce website content providers to focus on creating effective assessment questions and focusing on providing a platform for easy access between Buyer and Consumer.

Here we present techniques that are pertinent to the elements of assessment process: answers submission, Informationized grading, and feedback after submission. As the modern organizations are automated and Information’s are working as per the instructions, it becomes essential for the coordination of human beings, commodity and Information’s in a modern organization

## [CHAPTER](https://1.bp.blogspot.com/-dODuK8N5h1Q/Wlnyb3V9HFI/AAAAAAAACL4/WxQtCJ1pM5wccDABg4wIrTBUB0vlikXQQCLcBGAs/s1600/poly1.jpg) 4

**SYSTEM ANALYSIS**

## 4. SYSTEM ANALYSIS

### Existing System

In the current scenario, the existing system has many flaws which make it inefficient to carry on with it. Event management work of the referred company is done manually. It becomes difficult maintaining all details of events, customers and the services. The execution of the event sometimes delays due to some unmanageable obstruction in planning. As far as quality is concerned it is ok and not satisficing but not as good when handled using a computerized system. Now the drawbacks of the existing system can be stated in terms as follows:

* + It is time consuming as the system is handled manually
  + Assurance of data security is not given
  + In long run, it is difficult to maintain records.
  + Manpower requirement is huge.
  + It is hectic to handle the huge transaction.

### Proposed System

The proposed system is computerized and has been developed using PHP, HTML, CSS, therefore it gives more facilities than the present system. It provides quick access to any data that is stored in the database. In this system, the user has to enter the data only once and then it will get stored in the database which gets linked with all files. This reduces the workload of the user and it is also a time saving process. The information about any event can be retrieved easily whenever required. The system maintains all records easy

### Objective of the System

**Maximize Resource Utilization**: One area that incurs high costs for a manufacturing company is the poor utilization of all resources. This can be due to a poor schedule that leaves machines idle for long periods of time.

**Manufacturing Time Reduction**: When a proper schedule is created, your overall production time should be reduced. This is usually because all operations required to make a product will be performed only when they are needed. Therefore, the start to finish time will be shorter as you will have less time between the various operations.

**Inventory Minimization:** To elaborate on the last point, a shorter manufacturing time usually means that you have less WIP inventory items waiting on availability on a resource. In addition, if your production starts so that it can be completed just before it needs to be shipped out, you will have less inventory to hold on to.

**Optimizing Efficiency of Labor**: A great production schedule will be one that minimizes the amounts of back and forth and changeovers/setup time on machines. In addition, when workers know which item they are producing next and where the material is coming from, they will be more efficient.

**Service Level Improvement**: Having an efficient production schedule not only benefits the workers on the shop floor but also the customer service employees. By looking at the schedule, they will know when products will be completed and they will be able to give a more accurate lead time. They will also be able to notify customers in advance in the event that a disruption occurs which would cause jobs products to be late.

**Increasing Profits and Output:** Overall, having an efficient schedule will increase the number of products that are capable of being produced. This is turn will decrease production costs, as all resources will be utilized optimally. The overall result will be increased profits and increased on-time delivery.

## [CHAPTER](https://1.bp.blogspot.com/-dODuK8N5h1Q/Wlnyb3V9HFI/AAAAAAAACL4/WxQtCJ1pM5wccDABg4wIrTBUB0vlikXQQCLcBGAs/s1600/poly1.jpg) 5

**REQUIREMENT ANALYSIS**

## 5. REQUIREMENT ANALYSIS

### Hardware Requirement Specification

1. Processor: Intel core i5 processer
2. Memory: 15.6 GB
3. Hard Disk: 40 GB

### Software Requirement Specification

1. MySql
2. Xampp Server
3. Functional Requirements
   * Viewing Calenders in variety of way.
   * Performing Administrative Functions
   * Finer points of viewing and scheduling.
4. Non-Functional Requirements

#### Availability

The online registration system shall permit backing up of the registration database while other registration actives are going on.

#### Accessibility

The system shall be accessible by people with specific vision needs to the extent that a user shall be able to display whole user interface in a larger font without truncating displayed text or other values.

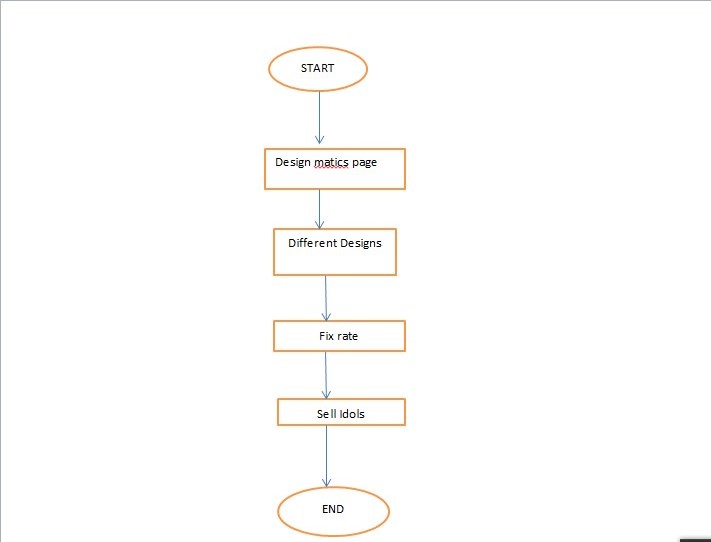
#### Security

The access permissions for system data may only be change by the systems data administrator passwords shall never be viewable at the point of entry or any other time.

## [CHAPTER](https://1.bp.blogspot.com/-dODuK8N5h1Q/Wlnyb3V9HFI/AAAAAAAACL4/WxQtCJ1pM5wccDABg4wIrTBUB0vlikXQQCLcBGAs/s1600/poly1.jpg) 6

**DESIGN ANALYSIS**

## DESIGN & ANALYSIS



Fig(a) : Flow Chart

[**CHAPTE**](https://1.bp.blogspot.com/-dODuK8N5h1Q/Wlnyb3V9HFI/AAAAAAAACL4/WxQtCJ1pM5wccDABg4wIrTBUB0vlikXQQCLcBGAs/s1600/poly1.jpg)**R 7 IMPLEMENTATION**

## IMPLEMENTATION

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

The system can be implemented only after thorough testing is done and if it is found to workaccording to the specification. It involves careful planning, investigation of the current system and it 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 andtesting of the system. The more complex the system being implemented, the more involved will be the system 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 new fully testedsystem and the old system is discontinued.

### TESTING

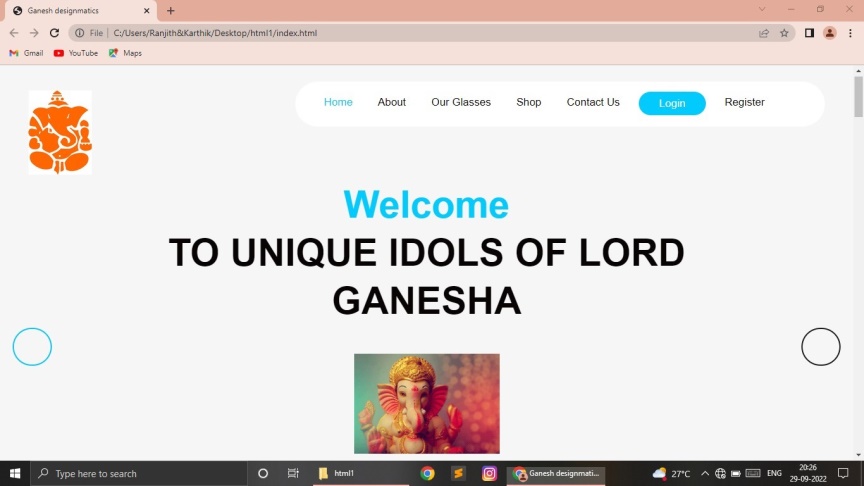
The testing phase is an important part of software development. It is the Information zed system will help in automate process of finding errors and missing operations and also a complete verification to determine whether the objectives are met and the user requirementsare satisfied. Software testing is carried out in three steps:

1. The first includes unit testing, where in each module is tested to provide its correctness, validity and also determine any missing operations and to verify whether theobjectives have been met. Errors are noted down and corrected immediately.
2. Unit testing is the important and major part of the project. So errors are rectified easily inparticular module and program clarity is increased. In this project entire system is divided into several modules and is developed individually. So unit testing is conducted to individual modules.
3. The second step includes Integration testing. It need not be the case, the software whosemodules when run individually and showing perfect results, will also show perfect results when run as a whole.

## [CHAPTE](https://1.bp.blogspot.com/-dODuK8N5h1Q/Wlnyb3V9HFI/AAAAAAAACL4/WxQtCJ1pM5wccDABg4wIrTBUB0vlikXQQCLcBGAs/s1600/poly1.jpg)R 8

**SNAPSHOTS**

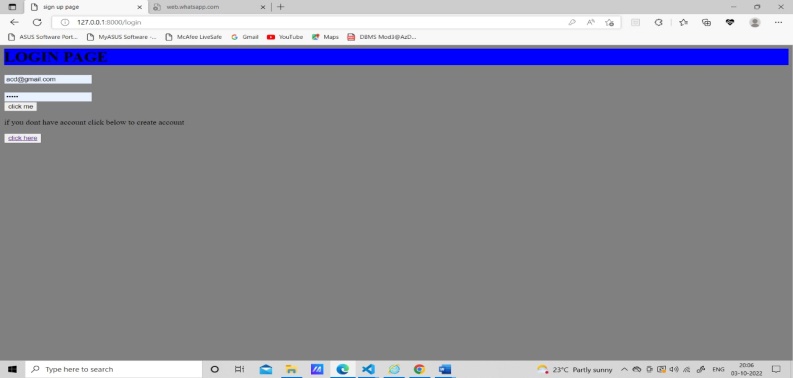
**Fig 1: HOME Page**

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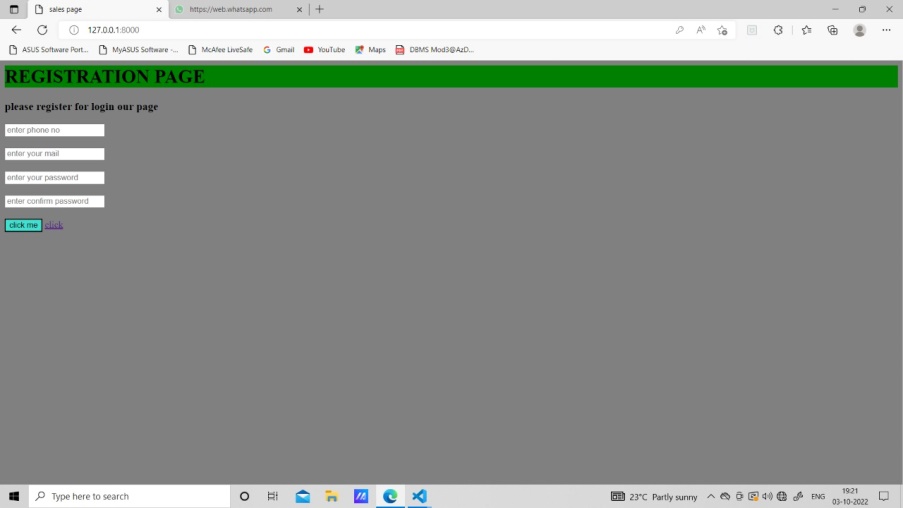
## Fig 2: ABOUT OUR SHOP

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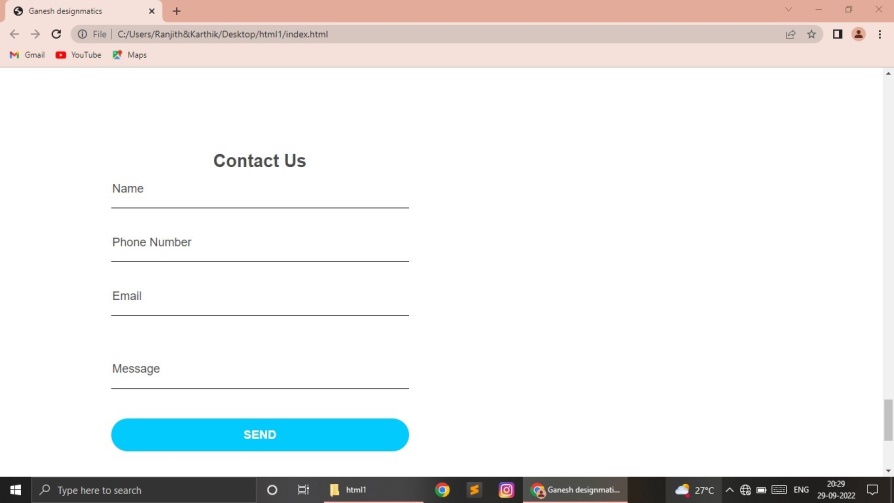
**Fig 3: LOGIN**

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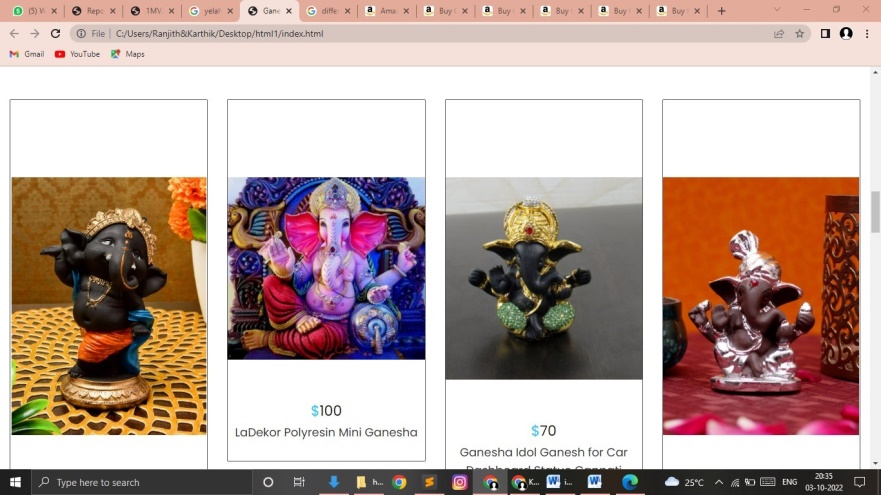
**Fig 4: REGISTRATION**



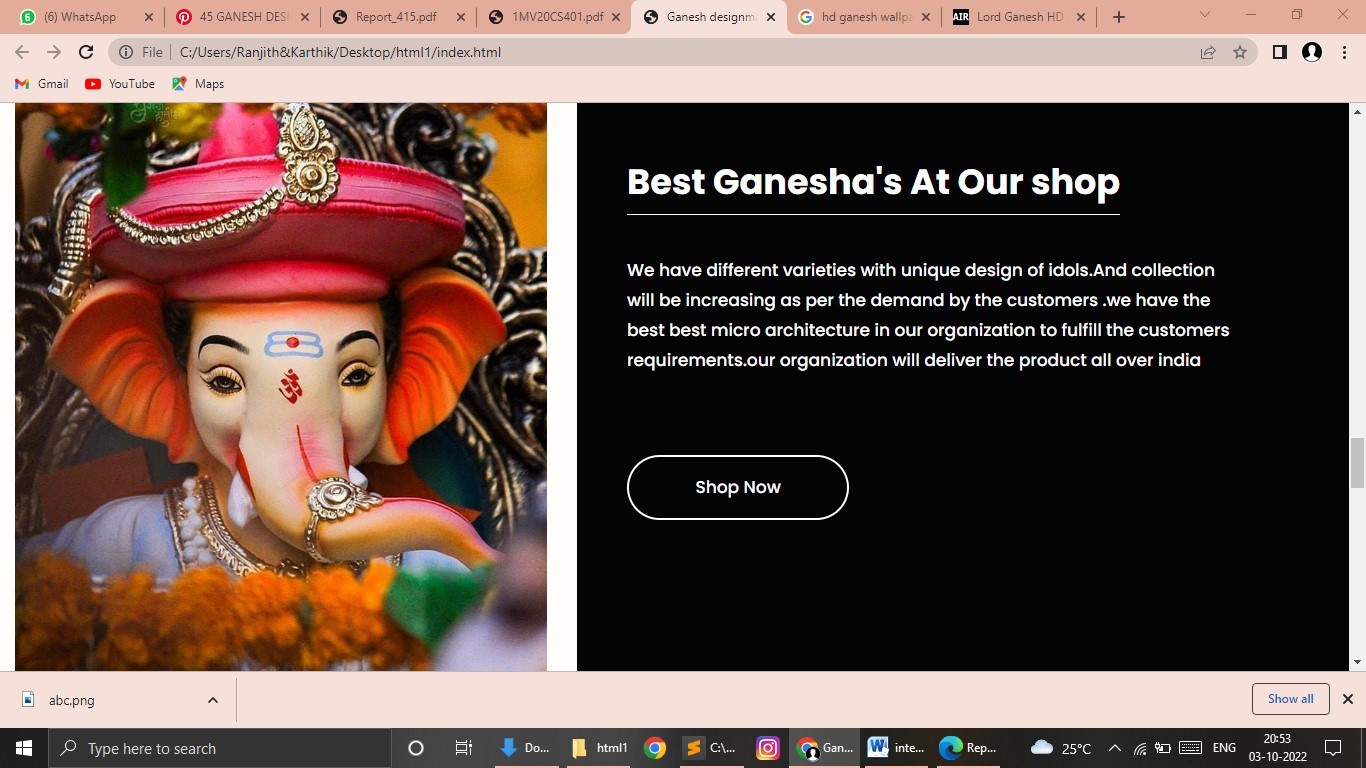
**Fig 5: Contact Information**



**Fig 6: Different Idols**



**Fig 7:BEST GANESHA’S**

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## [CHAPTE](https://1.bp.blogspot.com/-dODuK8N5h1Q/Wlnyb3V9HFI/AAAAAAAACL4/WxQtCJ1pM5wccDABg4wIrTBUB0vlikXQQCLcBGAs/s1600/poly1.jpg)R 9

**CONCLUSION**

## CONCLUSION

Through this software, the respective events will be managed and automated to the entire database in the network. With this project, human effort will definitely reduce and user/customer and the administrator’s task will become much easier. It becomes easy to work on this software and it is efficient to use. Thus, by keeping in mind, the advantages and applications; we are developing an Event management software. This software will help the administrator as well as a customer a lot

A detailed description of the characteristics, challenges and modalities of event management has been presented in this project. Discussions on event management life cycle, event scheduling, mitigation, readiness, were also presented. The final steps in producing a successful event include objective and subjective evaluation of the event itself