THE ONLINE MONOGRAM SHOPPING PORTAL

PROJECT REPORT SUBMITTED TO BHARATHIAR UNIVERSITY IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE OF MASTER OF COMPUTER APPLICATIONS

Submitted by

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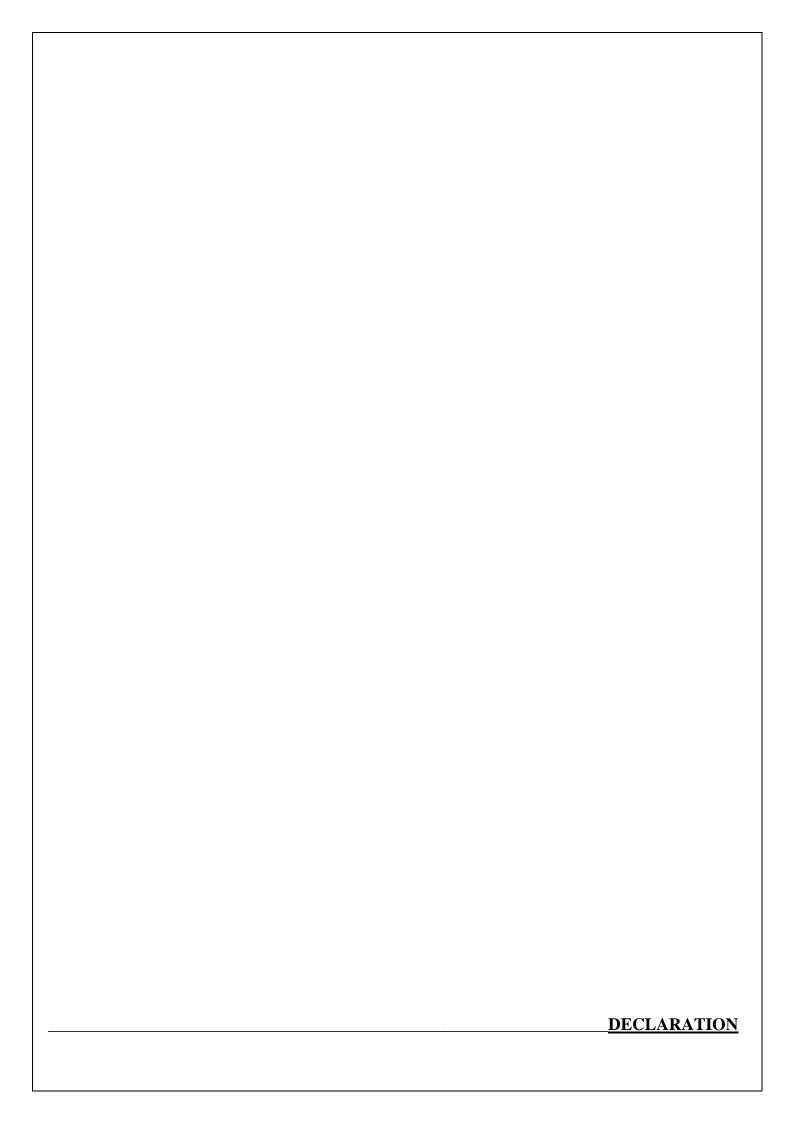


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JUNE - 2022



DECLARATION

I hereby declare that this project work titled "The online Monogram Shopping Portal" submitted to the Department of Computer Applications, Bharathiar University is a record of original work done by Kalpana under the supervision and guidance of Dr.R.Rajeshwari MCA.,Ph.D., and that this project work has not formed on the basis for the award of any Degree/Diploma/Associateship/Fellowship or similar title to any candidate of any University.

Place: Coimbatore

Date:

Signature of the Candidate

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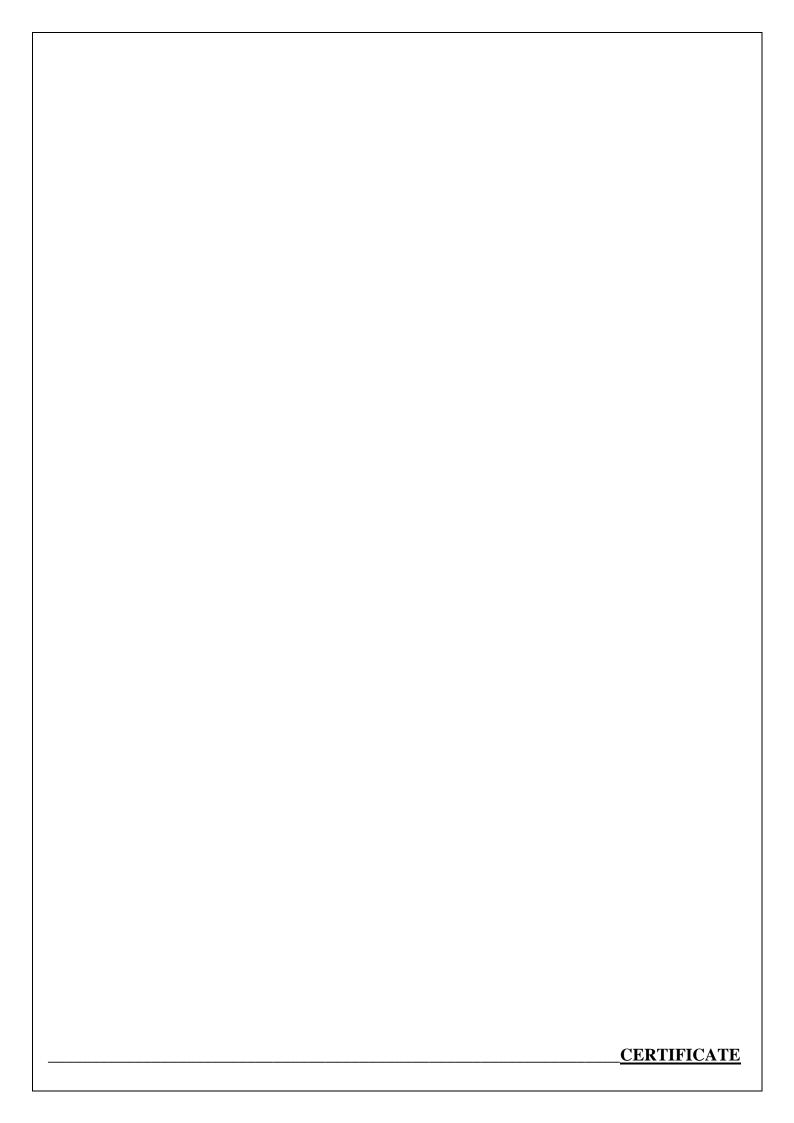
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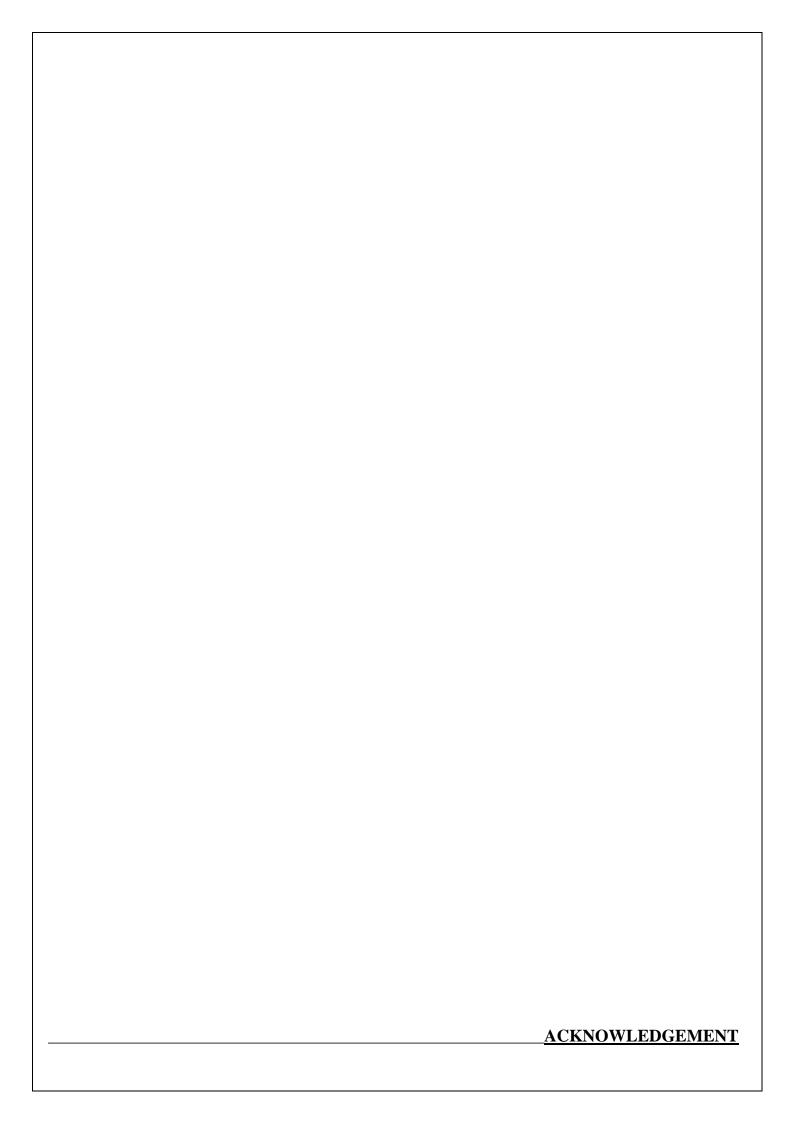
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CERTIFICATE				
This is to certify that the project work titled "The online Monogram Shopping Portal" submitted to Bharathiar University in partial fulfilment of the requirements for the award of the degree of Master of Computer Applications is a record of the original work done by KALPANA (20CSEA10) under my supervision and guidance and that this project work has not formed on the basis for the award of any Degree/ Diploma/Associateship/Fellowship or similar title to any candidate of the University.				
Signature of the Guide	Head of the Department			
Submitted for the Project VIVA-VOCE Examination held on _				
Internal Examiner	External Examiner			



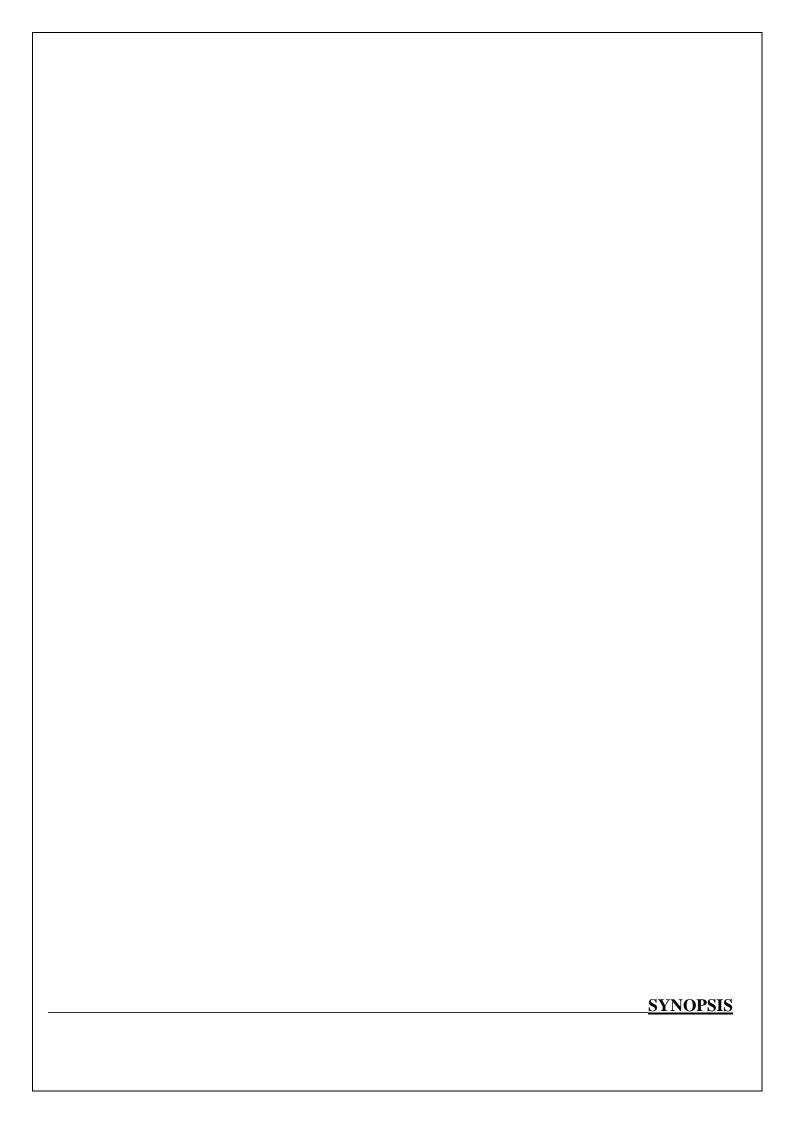
ACKNOWLEDGEMENT

I take this opportunity to acknowledge with great pleasure, deep satisfaction and gratitude, the contribution of many individuals in the successful completion of project.

I would like to express my sincere gratitude to **Dr.T.DEVI**, **Ph.D(U.K)**, Professor, Head of the Department, Department of Computer Applications, School of Computer Science and Engineering, Bharathiar University, Coimbatore. For her constructive criticism throughout the project.

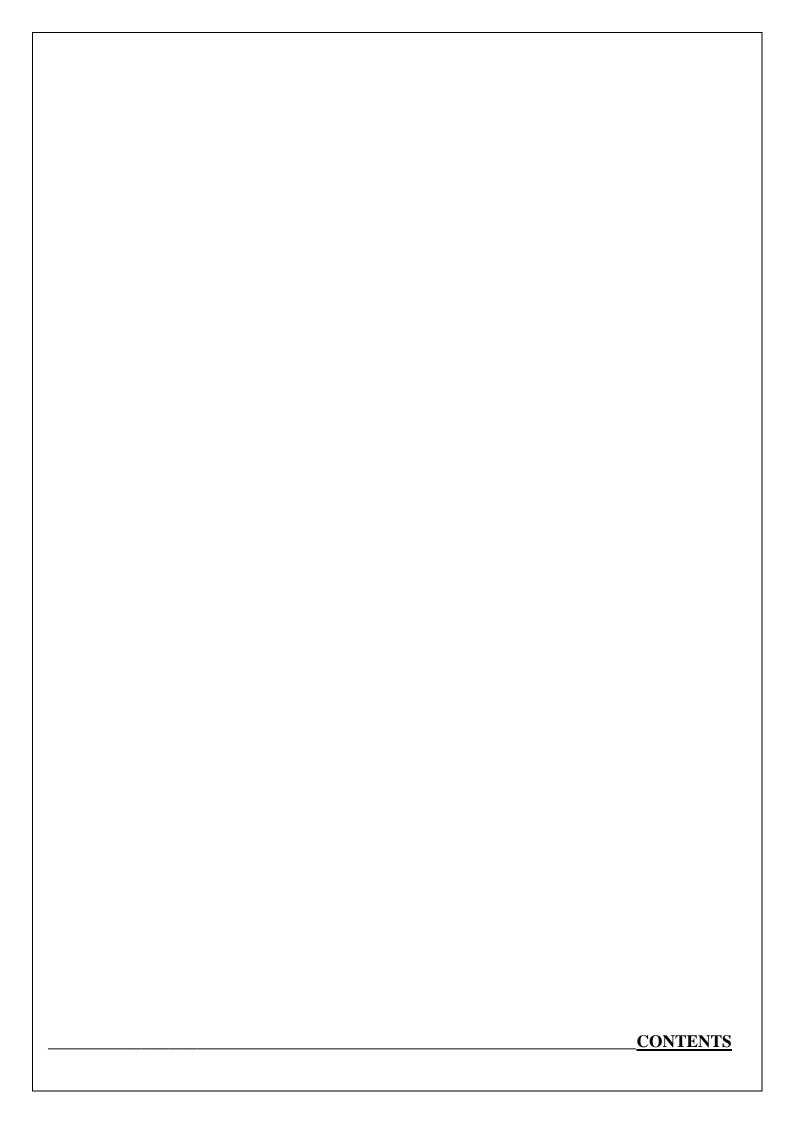
I feel elated in manifesting our sense of gratitude to our internal project guide **Dr.R.RajeshwariMCA.,Ph.D,** Professor, Department of Computer Applications, School of Computer Science and Engineering, Bharathiar University, Coimbatore. She has been a constant source of inspiration for us and we are very deeply thankful to her for her support and valuable advice.

We are extremely grateful to all our staff members, friends and to my parents for their support, which steered me towards the successful completion of the project.



SYNOPSIS

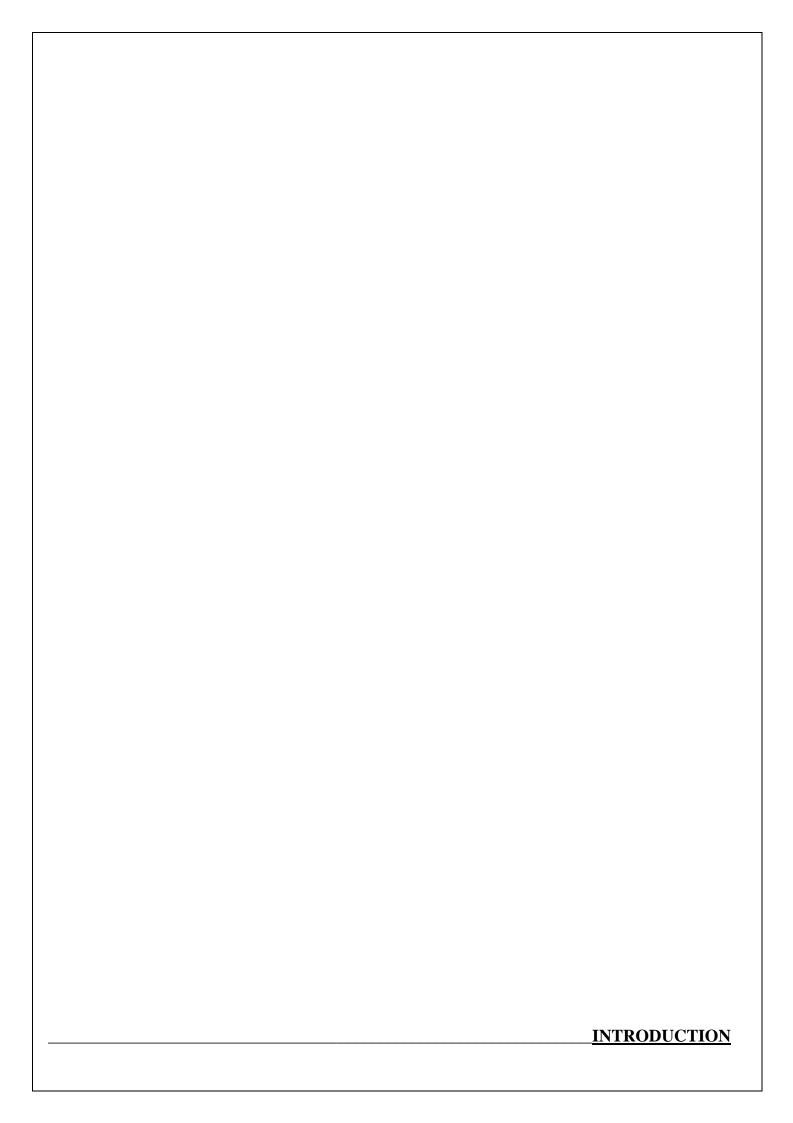
- This project is a web based shopping system for an existing shop. The project objective is to deliver the online shopping application into web platform.
- An online monogram system that permits a customer to submit online orders for items and/or services
- from a store that serves both walk-in customers and online customers.
- The online monogram system presents an online display of an order cut off time and an associated
- delivery window for items selected by the customer.
- The system accepts the customer's submission of a purchase order for the item in response to a time of
- submission being before the order cut off time.
- The online monogram system does not settle with a credit supplier of the customer until the item
- selected by the customer is picked from inventory but before it is delivered.
- Therefore, the customer can go online and make changes to the order. In addition, available service
- windows are presented to the customer as a function of customer selected order and service types and
- further, the order picking is assigned in accordance with a picker's preference.
- When ordering goods, many shopping systems provide a virtual shopping cart for holding items
- selected for purchase. Successive items selected for purchase are placed into the virtual shopping cart
- until a customer completes their shopping trip.
- Virtual shopping carts may be examined at any time, and their contents can be edited or deleted at the
- option of the customer.
- Once the customer decides to submit a purchase order, the customer may print the contents of the
- virtual shopping basket in order to obtain a hard copy record of the transaction.



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1. INTRODUCTION

1.1 SYSTEM OVERVIEW

A monogram is a motif made up of two or more letters to form one symbol. Monograms have long been used by companies as recognizable logos and as symbols for a country's reigning sovereign. The purpose is to distill a brand, person, or even a country into a graphic that best represents them.

- Monograms started out as a practical mode of identification that evolved into a brand design
- tool for companies.
- From ancient beginnings to modern-day uses, monograms have played a major role in our
- culture. What is often seen as simply a form of identification has a surprisingly rich history and
- artistic personalization purposes.
- Today, 21 st -century technology has made monogramming affordable and accessible to almost
- everyone. You no longer need to be an artisan to monogram.
- While aspirational tendencies still influence people's desire, monogramming today is a personal
- creative expression, often having very little to do with social position or wealth.
- Popularity of monogrammed items has risen in the mass-produced commercial society, where
- personalization has become trendy and nostalgic.
- Monograms have become unique ways to celebrate special occasions. Newlyweds sometimes
- receive monogrammed items for gifts, grads get monogrammed pens, and residences
- sometimes have monogrammed front doors.
- Even corporations sometimes use monograms, like Louis Vuitton fashions and luggage.
- Traditionally, monograms are three letters: the first initial, last initial (slightly larger) and middle
- initial, in that order. But monograms come in all variations: just the first and last initials, just the
- last initial, just the first initial, or all three initials the same size and in sequential order.
- Monogram rubber stamps have become a popular design tool for people to quickly customize
- stationery and unlimited kinds of crafts. They are also a huge staple for weddings, stamping
- envelopes, save the dates and invites, as well as décor and favors. Wedding monograms vary
- depending on the wishes of the couple, but typically feature some combination of both of their
- initials and last name.
- Embossing, the process of creating a raised design on paper, can be used to create a striking
- monogram.
- Bottom line, monograms are still popular as personalization has become a huge trend in recent
- years.
- A monogram rubber stamp just might be the easiest way to add a personal touch to your items,
- whether around the house or for a special occasion, be it a wedding or new baby
- announcement.

Types:

Crown: Royals around the world have been known to adopt the tradition of an official monogram. These are applied to clothing and royal seals.

Brand: Brands with a longer name might choose to use only their initials as monograms. A combination of two or three letters is normal, and the style must reflect the overall feel of the brand.

Personal: Monograms are also very popular at weddings—they can be applied to invitations, cakes, and clothing. Wedding monograms are a great symbol of a union. Embroidered goods with the child's initials are traditional as a baby's birth present.

Monogram Etiquette:

Individual monogram for the bride or the groom. These will appear one of two ways depending on the font/style.

Style One: Larger Middle Letter:

Traditionally, a monogram reads First Name Initial, Last Name Initial, Middle Name or Maiden Name Initial. With the Last Name Initial being the larger Middle Initial. For example, if you had the name Kelsie Elizabeth Vogds, her monogram would read KVE.

Style Two: Letters All the Same Size or Block Monogram:

This style of monogram traditionally reads First Name Initial, Middle Name Initial, Last Name Initial with all the letters being the same size in line with one another. For example, if you had the name Kelsie Elizabeth Vogds, her monogram would read KEV.

Single Initial:

Style One: First Name Initial:

Some trinkets are great with just a single first initial. With this, you can add a little flare to the design by adding dots or flourishes on either side of the letter or a frame around the letter. First name of Kelsie would appear as a single "K." This style is popular for unmarried young women.

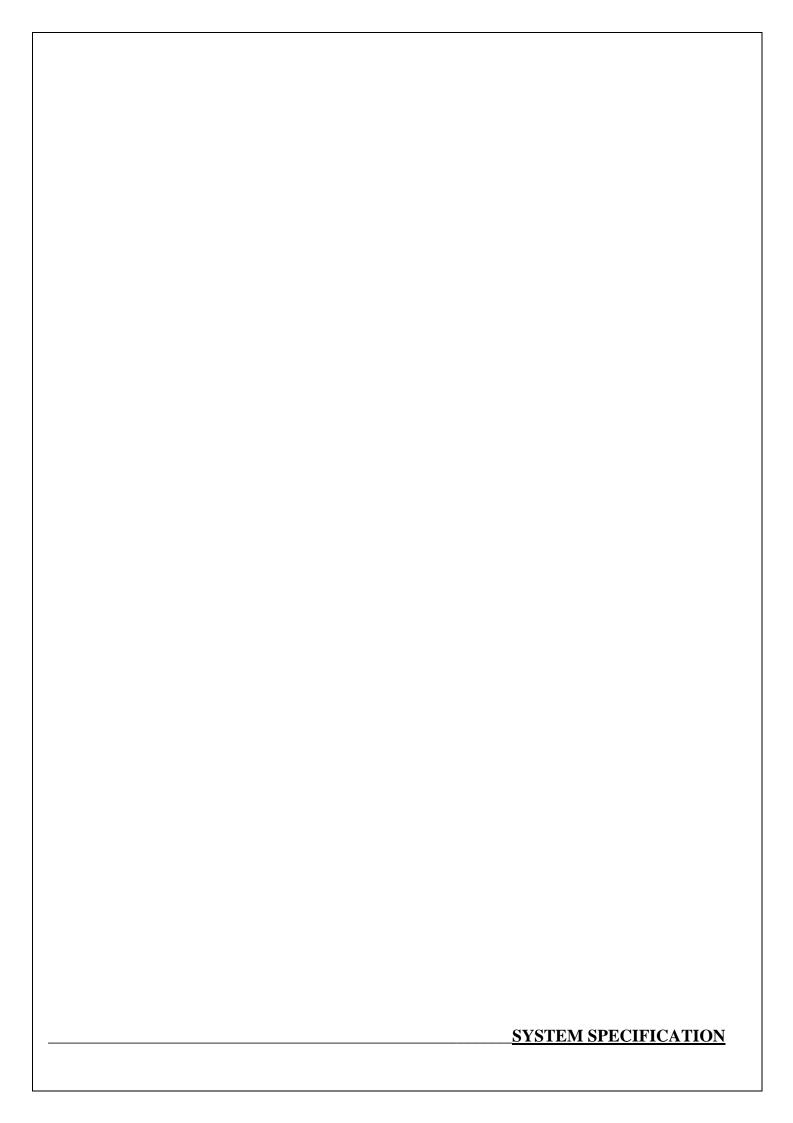
Style Two: Last Name Initial:

The single last name letter is great for barware, towels and stationary. This would appear as a single "R" for a couple with the last name Robinson.

Two Middle Names:

Block style is your best bet here as many fonts are predesigned for three letter monograms. Sometimes a font typically used for a three-letter monogram can allow for stacking of the two middle initials that appear on the right side of the monogram. Because they are stacked, they will be smaller than the left

initial or first name. You can also choose to drop one of the middle names for monogramming leaving	
you with three initials for the traditional three letter monogram.	
Hyphenated Last Name:	
Use a four-letter monogram where the two last names would be the larger letters with smaller first	
name initials on either side. Sometimes the four-letter monogram style can be a little overwhelming for	
a small item. Not sure how to monogram – ask the couple how they would prefer it to appear. They	
might decide to opt for the two-letter monogram for both last names.	
	3



2. SYSTEM SPECIFICATION

2.1 HARDWARE REQUIREMENT

PROCESSOR : DUAL CORE

HARD DISK CAPACITY : 250 GB

INTERNAL MEMORY CAPACITY : 2 GB

CPU CLOCK : 2.3 GHz

2.2 SOFTWARE REQUIREMENT

OPERATING SYSEM : WINDOWS 7

FRONT END : HTML,CSS,JAVASCRIPT

BACK END : PHP

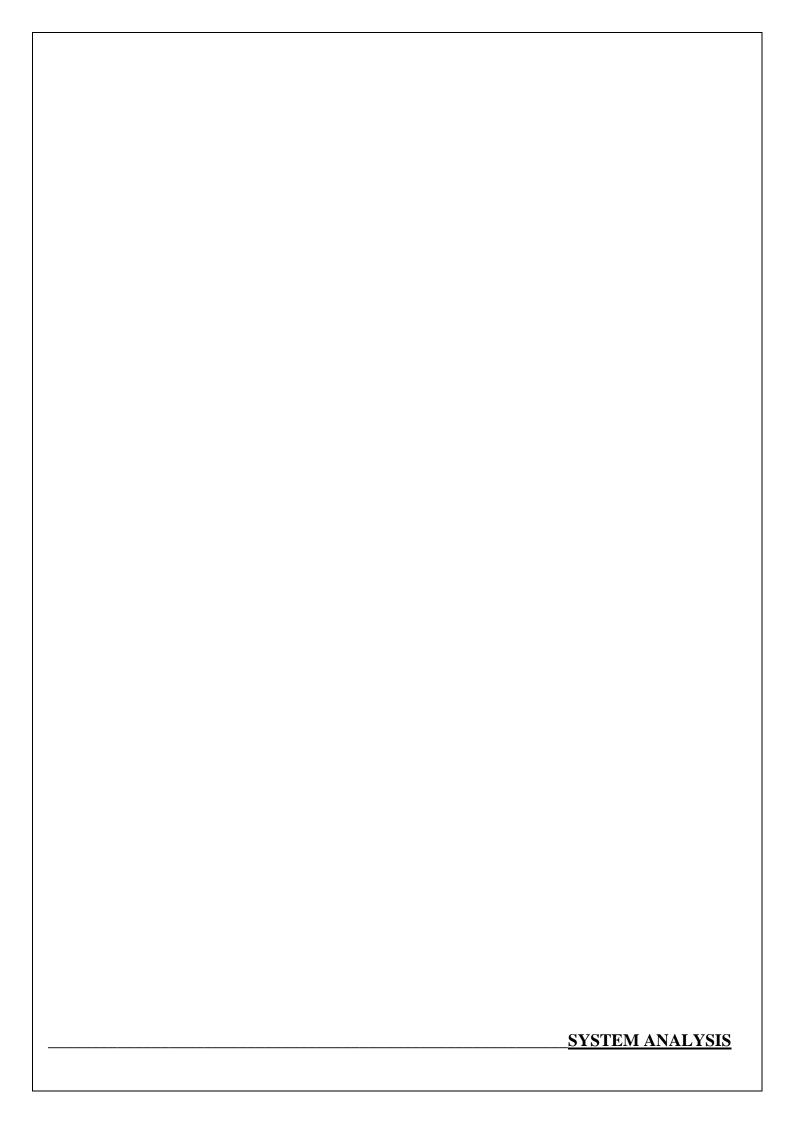
2.3 MODULES

Admin module

- Dashboard
- User profile
- Order Details
- Order
- Pricing
- Adding Products

User module

- Home
- Registration
- Login
- Ordering
- About us



3. SYSTEM ANALYSIS

System analysis is the process of gathering the facts concerning the system them into elements and relationship between elements. It provides a framework for visualizing the organizational environmental factors that operate on a system. The quality of work performed by a machine is usually uniform, neat, and reliable when compared to doing the same questions manually.

3.1 EXISTING SYSTEM

The current system for shopping is to visit the shop manually and from the available product choose the item customer want and buying the item by payment of the price of the item

- 1.It is less user-friendly.
- 2.User must go to shop and select products.
- 3.It is difficult to identify the required product.
- 4.Description of the product limited.
- 5.It is a time-consuming process
- 6.Not in reach of distant users

3.2 PROPOSED SYSTEM

- In the proposed system customer need not go to the shop for buying the products.
- We can order the product we wish to buy through the web portal.
- The shop owner will be admin of the system. Shop owner can appoint moderators who will help
- owner in managing the customers and product orders.
- The system also recommends a home delivery system for the purchased products.

3.2.1 ADVANTAGES

- This system can be implemented to any shop in the locality or to multinational branded shops having retail outlet chains.
- The system recommends a facility to accept the orders 24*7 and a home delivery
- system which can make customers happy.
- If shops are providing an online portal where their customers can enjoy easy shopping from anyway
- Here, the shops won't be losing any more Customers to the trending online shops such as flipkart or ebay.com.
- Since the application is available in the Smartphone it is easily accessible and always available.

3.3 FEASIBLITY ANALYSIS

3.3.1 TECHNICAL FEASIBLITY

This is concerned with specifying equipment and software that will successfully satisfy the user equipment. The technical needs of the system may include:

Front and Back end Selection:

The important issue for the development of a project is the selection of suitable front-end and backend. When we decided to develop the project we want through an extensive study to determine the most suitable platform that suits the need of the organization as well as helps in development of the project. The aspects of our study the following factors:

Front-end Selection:

The html is a computing platform that simplifies the application development in the highly distributed environment of the internet.

- Scalability and Extensibility
- Flexibility
- Robustness
- Easy to debug and maintain
- Must provide the excellent reporting features with good printing support.
- Event driven programming facility

Back-end selection:

The PHP communication component also allows communication between and application running on the server and SQL server.

- Multiple user support
- Efficiently data handling
- Popularity
- Easy to install
- Stored procedures
- Easy to implement with front end
- Provide inherent features for security

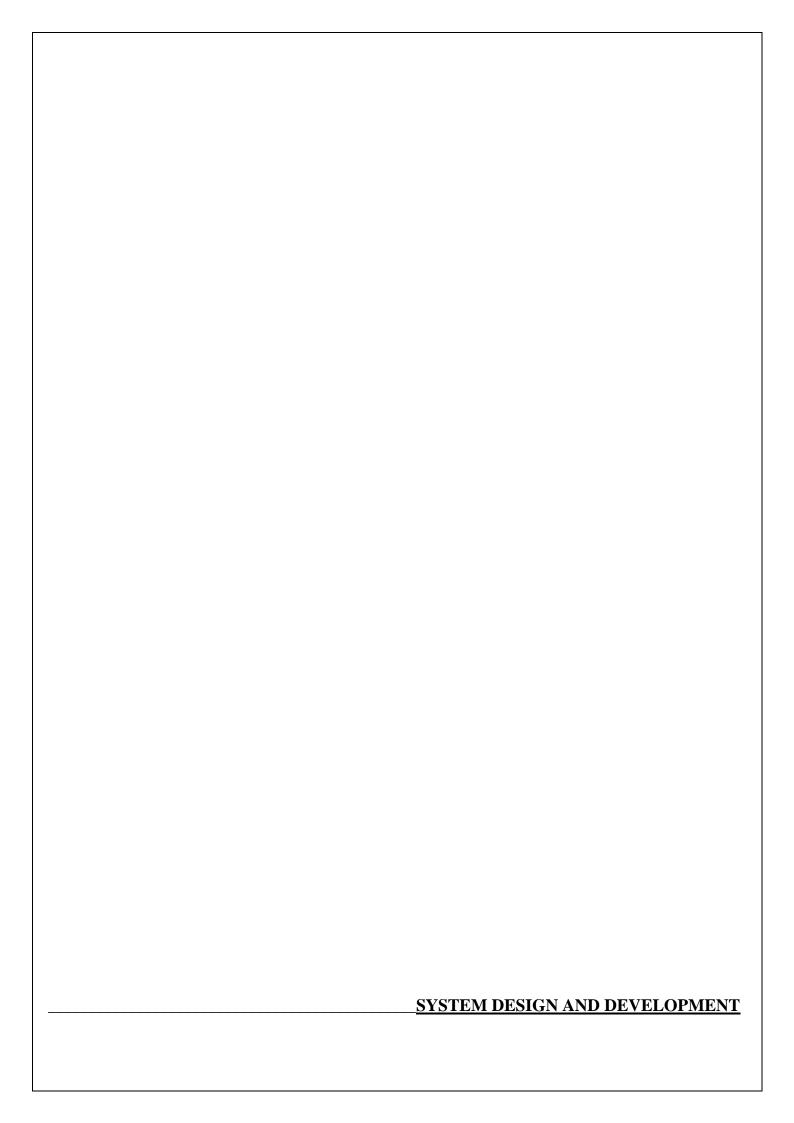
The technical feasibility is frequently the most difficult area encountered at this stage. It is essential that the process of the analysis and definition be conducted in parallel with an assessment to technical feasibility. It centers on the existing computer system and to what extent it can support the proposed system.

3.3.2 Economic Feasibility

Economic justification is generally the "Bottom line" consideration for the most system. Economic justification includes a broad range of concerns that includes cost benefits analysis. In this we weight cost and the benefits associated with the candidate system and it suits the basic purpose of the organization.

3.3.3 Operational Feasibility

It is mainly related to human organization and political aspects. The system is operationally feasible as it very easy for the users to operate it. It needs only basic information about windows platform.



4. SYSTEM DESIGN AND DEVELOPMENT

4.1 ELEMENT OF DESIGN

System development can be generally thought of as having two major components: System analysis and System design is the process of planning a new business system or one to replace or complement an existing system. But before this planning can be done, we must thoroughly understand the old system and determine how computers can best be used to make its operation more effective.

4.2 UML APPROACH

A diagram is the graphical presentation of a set of elements, most often rendered as a connected graph of vertices and arcs .You draw a diagram to visualize a system from a different perspective, so a diagram is a projection into a system. For all but most trivial systems, a diagram represents an elided view of the elements that make up a system. The same element may appear in all diagrams, only a few diagrams, or in no diagrams at all. In theory, a diagram may contain any combination of things and relationships. In practice, however, a small number of common combinations arise, which are consistent with the five most useful views that comprise the architecture of a software-intensive system.

- 1) DFD
- 2) Class Diagram
- 3) E-R Diagram
- 4) Deployment Diagram

4.2.2 Data Flow Diagram

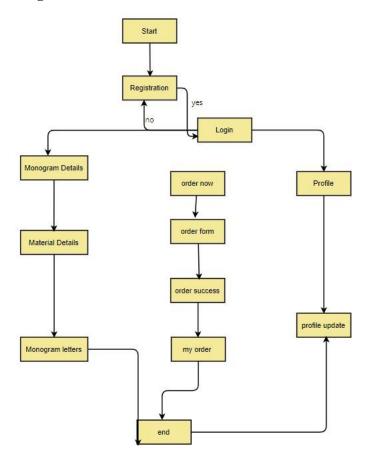


Fig. 4.1 7

4.2.2 Class Diagram

A Class is a category or group of things that has similar attributes and common behaviour. A Rectangle is the icon that represents the class it is divided into three areas. The upper most area contains the name, the middle; area contains the attributes and the lowest areas show the operations. Class diagrams provide the representation that developers work from. Class diagrams help on the analysis side, too.

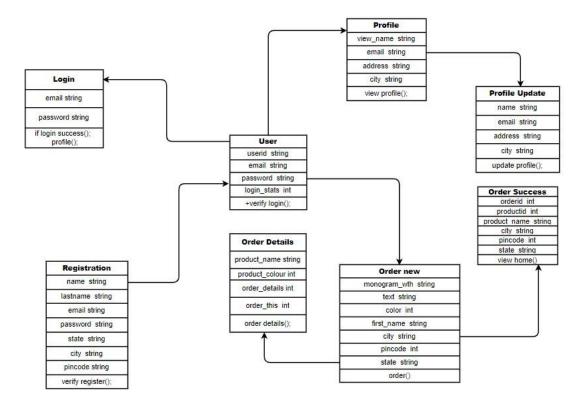


Fig 4.2

4.2.3 E-R Diagram

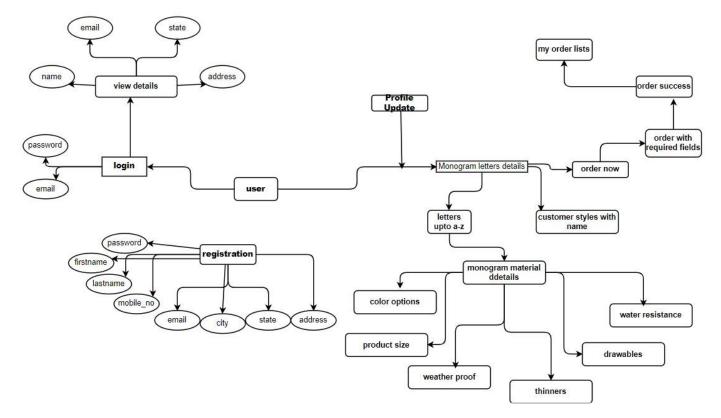


Fig 4.3

4.2.4 Deployment Diagram

A Deployment Diagram shows the configuration of run-time processing nodes and the components that live on them. Deployment diagrams address the static deployment view of architecture. They are related to component diagrams in that a node typically encloses one or more components.

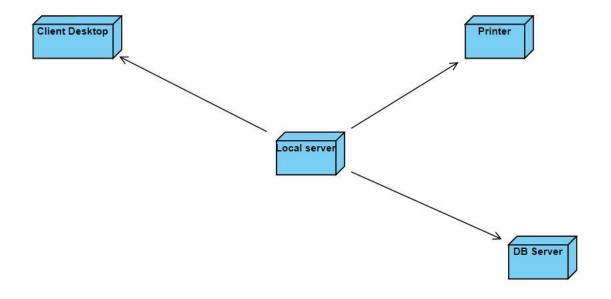
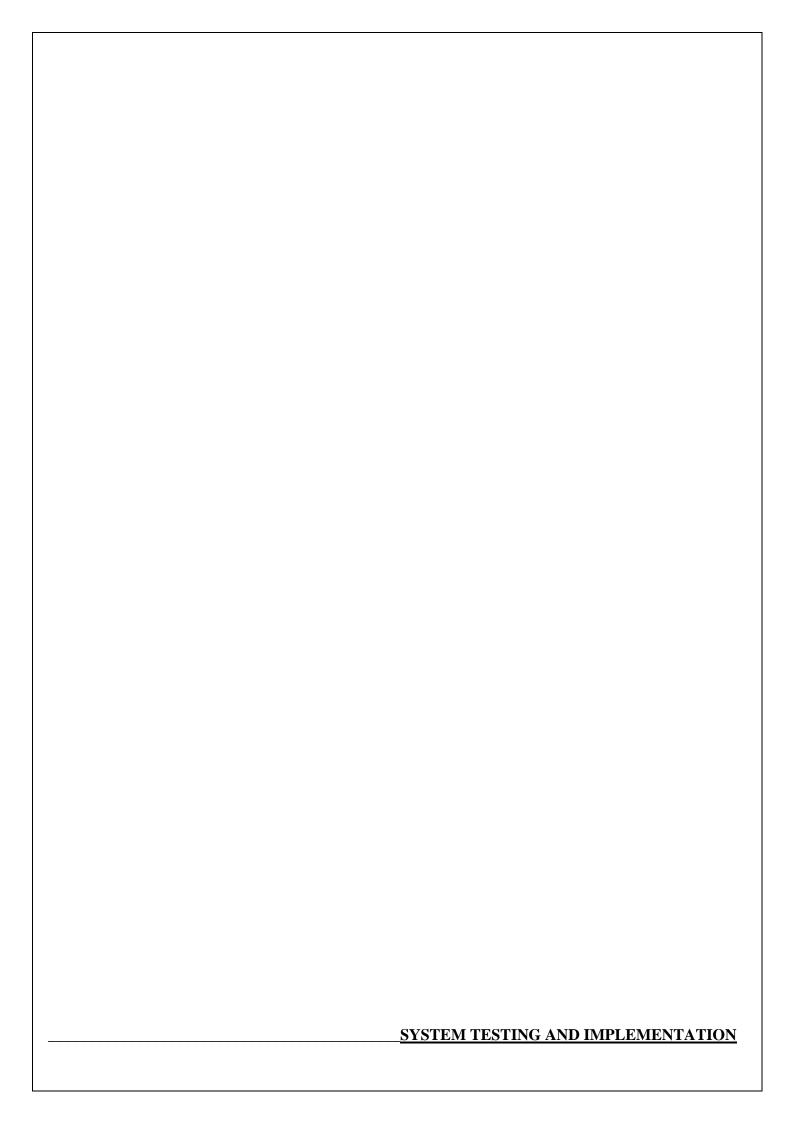


Fig 4.4 9



5. SYSTEM TESTING AND IMPLEMENTATION

5.1 SYSTEM TESTING

Software testing is a critical element of software quality assurance and represents the ultimate review of specification design and coding. In fact, testing is the one step in the software engineering process that could be viewed as destructive rather than constructive.

A strategy for software testing integrates software test case design methods into a well-planned series of steps that results in the successful construction of software. Testing is the set of activities that can be planned in advance and conducted systematically. The underlying motivation of program testing is to affirm software quality with methods that can economically and effectively apply to both strategic to large-and small -scale systems.

Type of Testing:

- Unit Testing
- System Testing
- Integration Testing
- Output Testing

5.1.1 Unit Testing

Unit testing involves the design of test cases that validate that the internal program logic is functioning properly, and that program inputs produce valid outputs. All decision branches and internal code flow should be validated. It is the testing of individual software units of the application .It is done after the completion of an individual unit before integration. This is a structural testing that relies on knowledge of its construction and is invasive. Unit tests perform basic tests at component level and test a specific business process, application, and/or system configuration. Unit tests ensure that each unique path of a business process performs accurately to the documented specifications and contains clearly defined inputs and expected results.

5.1.2 System Testing

System testing ensures that the entire integrated software system meets requirements. It tests a configuration to ensure known and predictable results. An example of system testing is the configuration oriented system integration test. System testing is based on process descriptions and flows, emphasising predriven process links and integration points.

5.1.3 Integration Testing

Integration tests are designed to test integrated software components to determine if they actually run as one program. Testing is event driven and is more concerned with the basic outcome of screens or fields. Integration tests demonstrate that although the components were individually satisfactory, as shown by successfully unit testing, the combination of components is correct and consistent. Integration testing is specifically aimed at exposing the problems that arise from the combination of components.

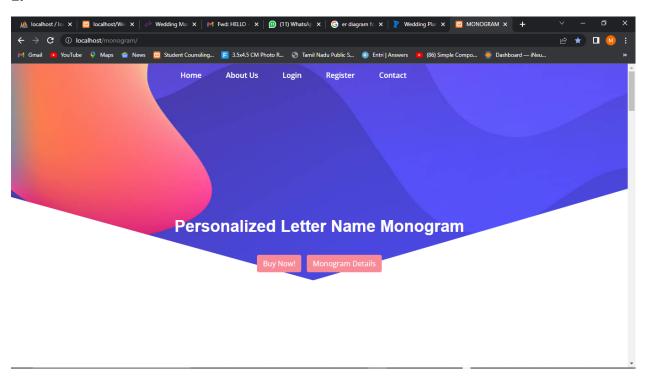
5.1.4 Output Testing

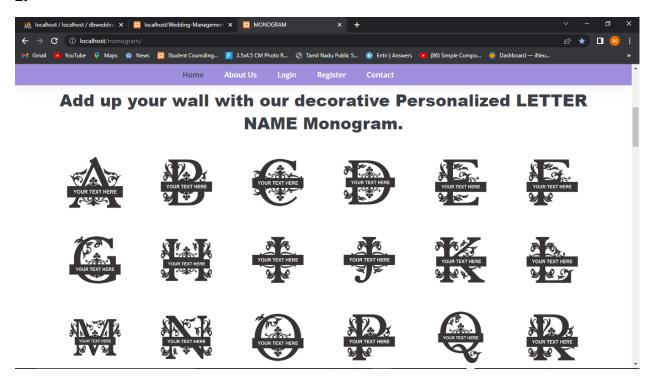
Asking the user about the format required by them tests the output generated by the system under consideration. It can be done in two ways, one on screen and other on printer format. The output format on the screen is found to be correct as the format designed in system test.

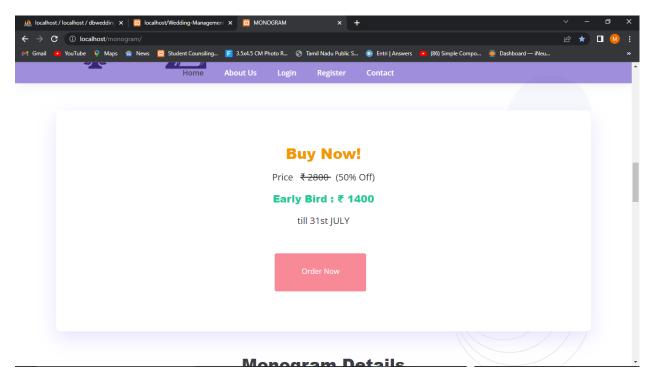
5.2 SYSTEM IMPLEMENTATION

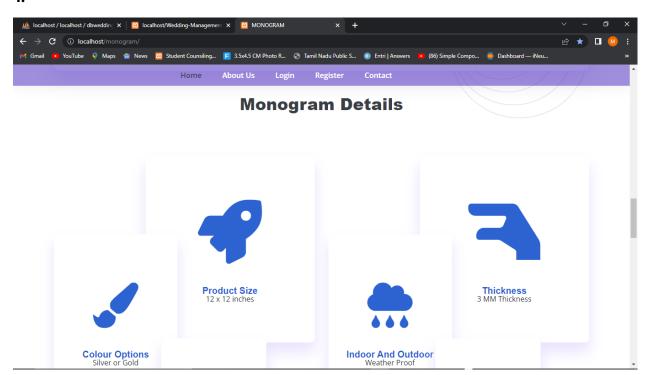
It making the new system available to a prepared set of users, and positioning on-going support and maintenance of the system within the performing organization. At a finer level details, deploying the system consists of executing all steps of necessary to educate the consumers on the user of new system placing the newly developed system into production, confirming that all data required at the start of operations is available and accurate, and validating that business functions that interact with the system are functionating properly. Transitioning the system support responsibilities involves changing from the system development to a system support and maintenance mode of operation, with ownership of the new system from the project team to the performing organization.

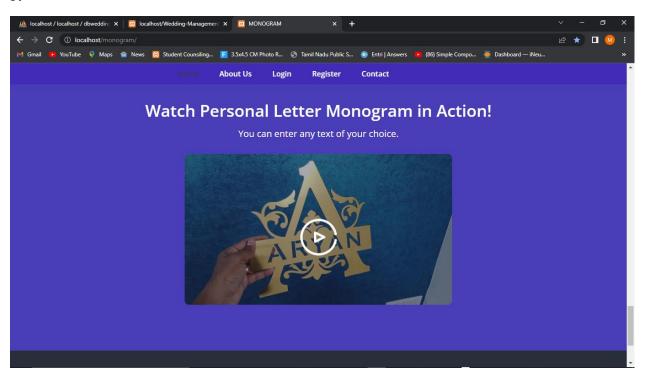
5.3 SAMPLE SCREENSHOTS



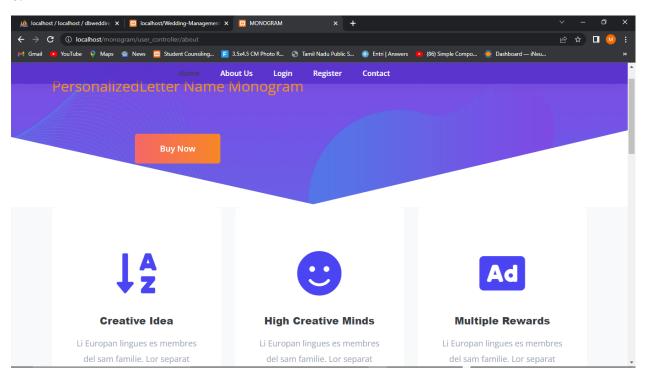


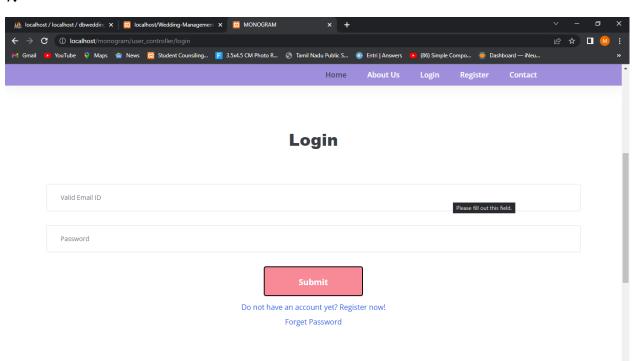


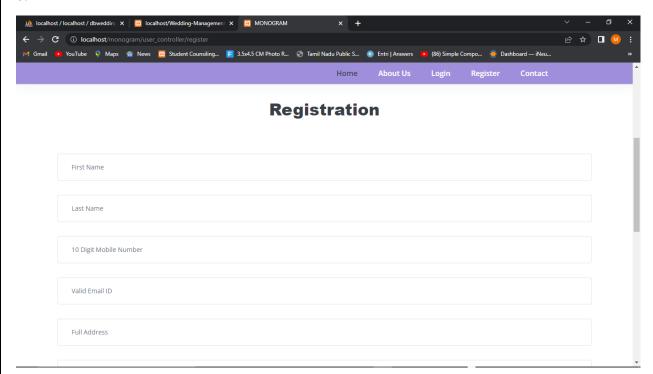


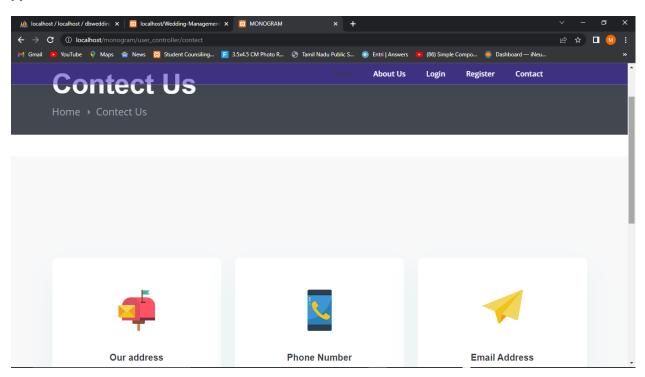


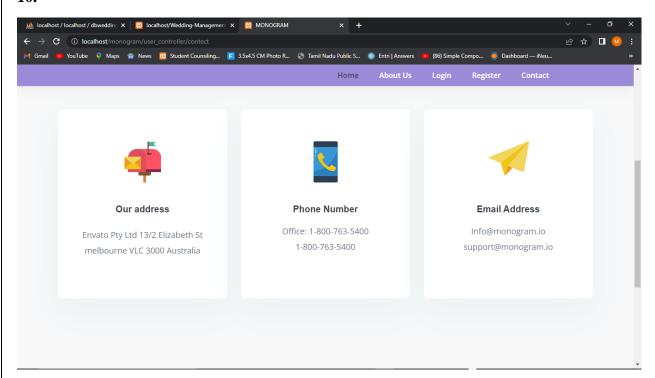


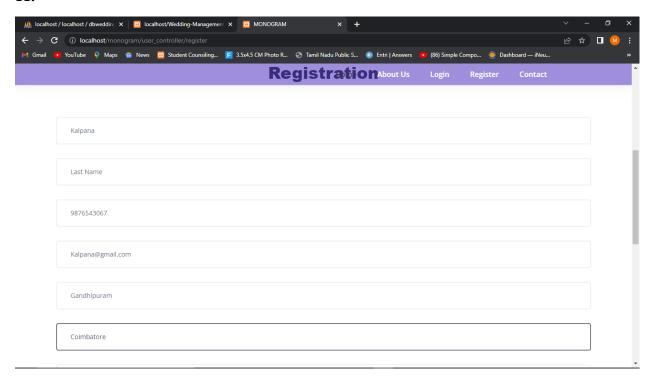


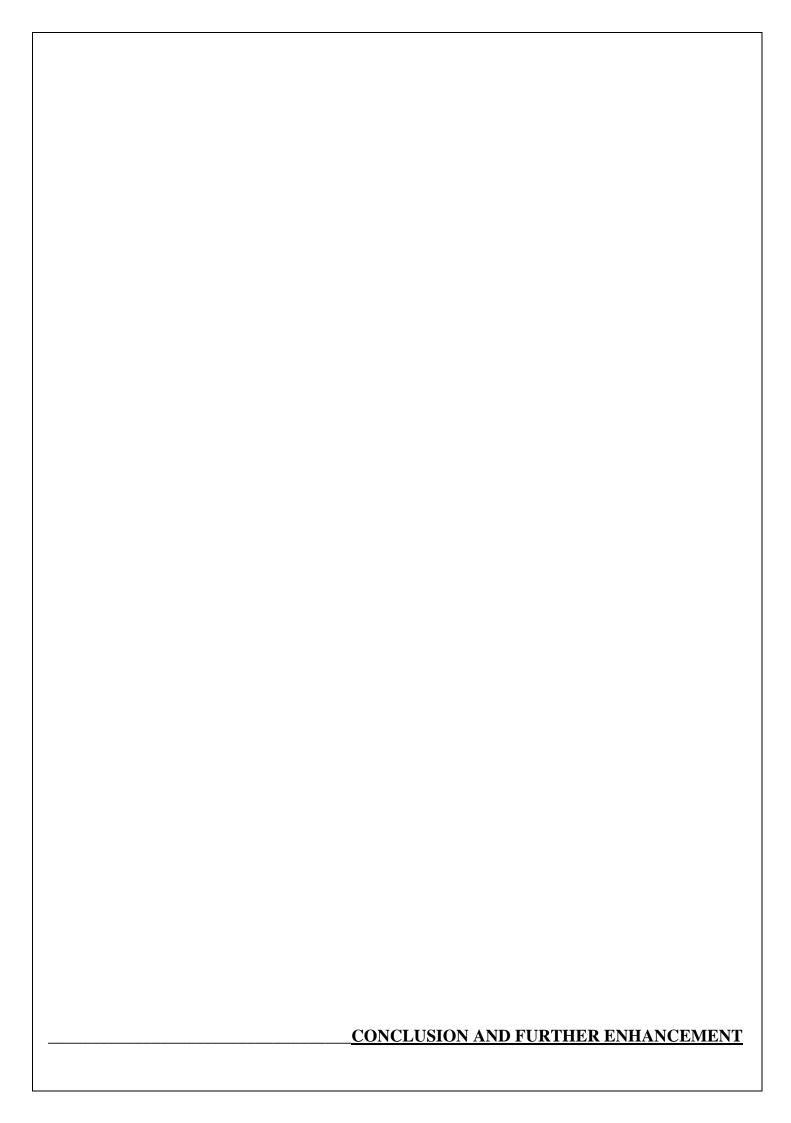












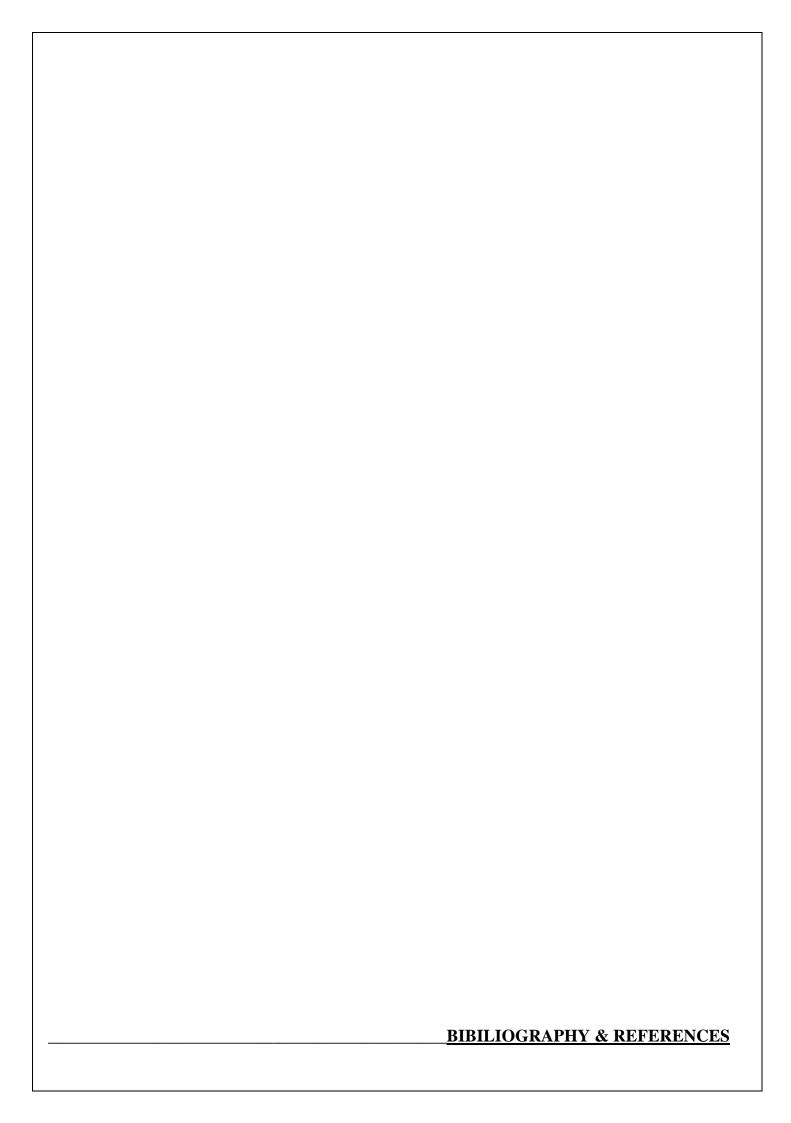
6. CONCLUSION AND FURTHER ENHANCEMENT

6.1 CONCLUSION

Many teenagers and bachelors are now using the monogram for fulfilling their desired logos. Most of them are completely aware of all the pros and cons of online logo design systems. A monogram is a logo or form of identification interweaving someone's initials. It is often used for decorative purposes, such as on a glassware, to give something a personal flourish. how to do a monogram, and lots of insightful information. We talked about the different monogram initials order for men, women, and children. We also added an amazing list of assets to help you get inspired to start your own monogram design.

6.2 FURTHER ENHANCEMENT

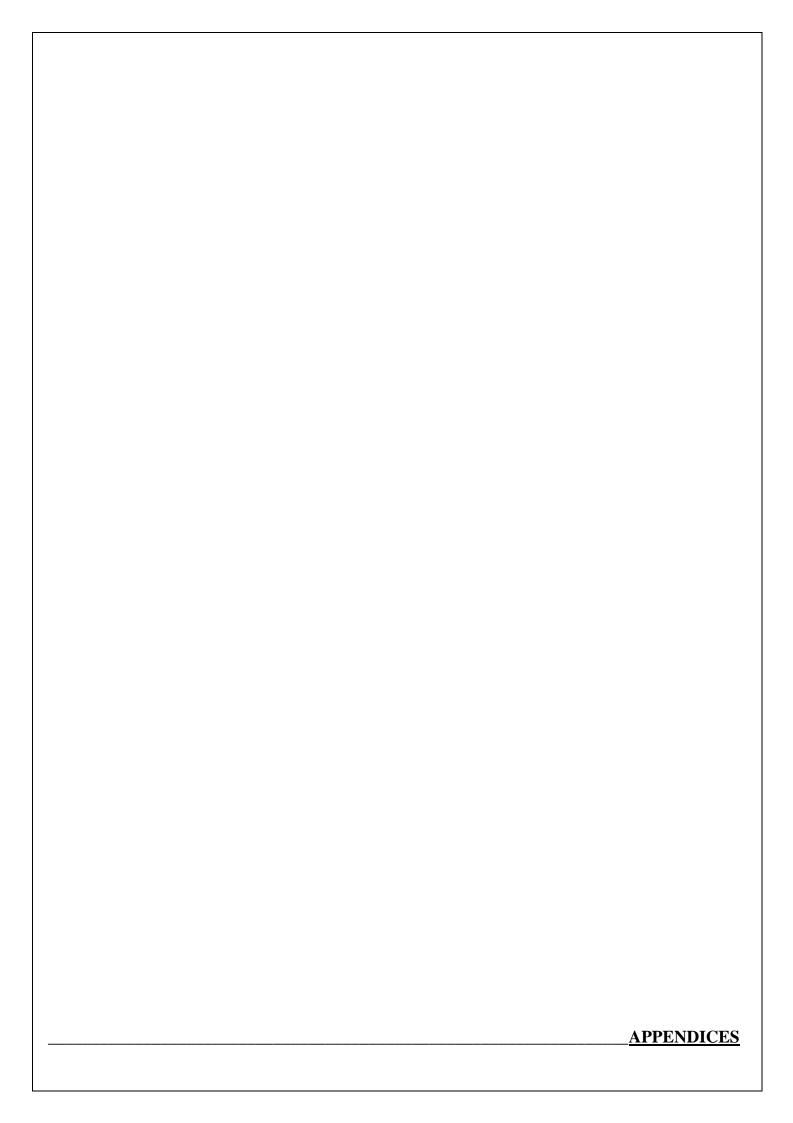
The project has been developed and the objectives are achieved successfully. The project has been developed with front-end as HTML,CSS,JS and back-end as PHP. The front-end can also be enhanced with JS libraries and frameworks like React,Vue,Angular for more powerful and responsive. The system is currently developed and ready for implementation to include the system is highly feasible and user-friendly. To provide better facility regarding security, it uses security provider software, and we access any place anywhere use that. It can have a proper enhancement in the future according to the user's requirements.



7. BIBILIOGRAPHY AND REFERENCES

REFERENCES BOOKS

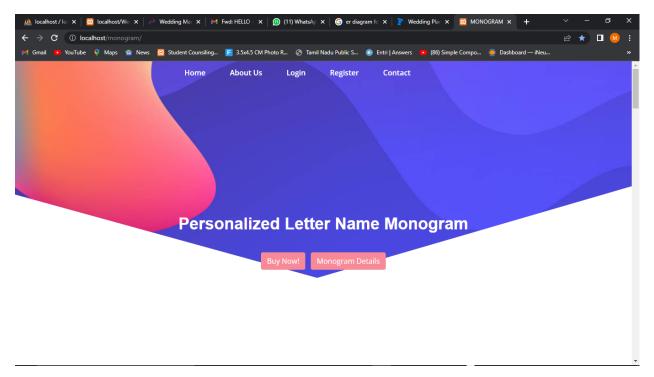
- Beginning PHP5, Apache and MySQL Web Development(Programmer to Programmer) by Elizabeth Naramore.
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- MySQL/PHP Database Applications, 2nd edition by Brad Bulger.
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APPENDICES

SCREENSHOTS

1.



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