

**NOVEL IDEA**

**LIBRARY**

**PROJECT:** NOVEL IDEA LIBRARY

**GROUP MEMBERS:**

|  |  |
| --- | --- |
| **GROUP MEMBERS** | **ENROLLMENT NO.** |
| **RIDA FATIMA** | **STUDENT1107273** |
| **MEHAK NASIR** | **STUDENT1105268** |
| **MUHAMMAD ZAIN** | **STUDENT1106863** |
| **BILAL MISBAH** | **STUDENT1107157** |

**FACULTY:** AATIKA LIAQUAT

**BATCH CODE:** 1805C1

**CURRICULUM:** 6673

**SEMESTER:** HDSE-II

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1- **Acknowledgement:**

**We would want to appreciate and thank all of those people who helped us during this journey of completing our project. Without everyone’s support, we could not have accomplished our work.**

**We express our sincere gratitude to our faculty “--Miss Aatika Liaquat--" and our coordinator for their amazing support and guidance, continuous encouragement and supervision throughout the course of the present work. It’s of no doubt that we have been very fortunate to work under such a supportive and cooperative teacher/coordinator**

**And last but not the least we are extremely grateful to the whole faculty and administration of Aptech, for providing us all the facilities that were mandatory, without which this project could not be a success.**

2- **Declaration**

**We are writing this to declare that all the work which is being written bellow in this Project Report entitled “—NOVEL IDEA LIBRARY--” is a veritable record of our own work submitted to the Aptech NN, Karachi, Pakistan during the year 2020 in the partial fulfillment of semester IV (HDSE II) project We also declare that we have not submitted the material being presented in this Project Report for the award of any other degree elsewhere.**

**Signatures:**

**RIDA FATIMA STUDENT 1107273**

**MEHAK NASIR STUDENT 1105268**

**MUHAMMAD ZAIN STUDENT 1106863**

**BILAL MISBAH STUDENT 1107157**

**Certificate:**

**This is to certify that,**

**Mrs. Rida Fatima**

**Mrs. Mehak Nasir**

**Mr. Muhammad Zain**

**Mr. Bilal Misbah**

**Has successfully Designed & Developed**

**“NOVEL IDEA LIBRARY”**

**Date of Issue:**

**25th-JULY-2020**

**Date of Submission:**

**25th-AUGUST-2020**

**Authorized Signature: Miss Aatika Liaquat**



**CHAPTER 1 INTRODUCTION**

**PROBLEM STATEMENT**

## Introduction:

Our client is a famous publisher who publishes books of different categories like comics, novels, story books, General knowledge books, quiz books, journals, etc.…. As there is no end for knowledge, which keeps on changing from day to day, the books are needed to be revised for every now and then. As well the stories which keep on coming as there are several writers in the world.

**Existing Scenario:**

The publisher (client) usually publishes in the form of a hard copy (books) and distributes them to the book dealers situated all over the city, who distributes the books to the public at the maximum retail price. Sometimes the dealers come up saying that they want a greater number of copies and they again need to print the books and redistribute among the dealers based on the request of the dealers. So, it takes some time in distributing the books among the dealers and then to the customers.

**Proposed Solution:**

In order to attract and retain the customers, and to reach out to the customers early, and to stand by in this competitive world the publisher wants to build a website where the customers can register with the site and they can avail the membership benefits like getting some of the books free of cost in the form of a PDF document and as well they can place a request for purchase through online in the form of a hard copy or if the user has been registered for 1 year they can get unlimited access to all PDF books. There by reducing the delay in sending the copy to the customer as it will be directly sent to the customer’s address, instead of sending it to the book dealer and then to the customer.

**Also, the details of the books are mentioned, Author, brief description of the book like about the book, etc…. The client says that the registered users should only be able to fetch and see the details of the books and they can alone place the order for the book.**

**As soon as a request is placed by the customer for the purchase of a book through online, he will be intimated with a mail from the respective department and will be charged as per the book price. For users registered for less than 1 year, they can only purchase a hardcopy of a book by placing an order through COD (Cash on Delivery) method. And for those users that have been registered for more than 1 year they can either purchase a hardcopy of the book through COD or they can get unlimited access to all the books in PDF format.**

**In this current internet trend where one can easily purchase books online and some of the books can be attained at free of cost, so he wanted to attract his customers by providing an online portal where one can find the details of all his publications and as well one can register with the site so as to attain the benefits and one can place a request for purchase of the books only when they are registered with the site and as well he says that the brief description can be seen by the unregistered users and for the detailed description of the books can be seen by the registered users.**

**Customer Specifications:**

* **A database should be created that holds the details of the books, orders, and that of the customers.**
* **The details of the books are needed to be captured in detail.**
* **Also, the admin (publisher or manager of the publication) can alone have the rights to enter the details of the books like price (either free of cost or some value…), shipment or delivery charges and as well the subscription charges and their brief description.**
* **The details of the books and as well the details of the customers and the delivery details, shipment details and as well the details of the orders placed are needed to be stored in the database.**
* **Advanced search option is needed to be included so that the customer can fetch the details.**
* **The customers should also be able to register with the site.**
* **On the home page the details of the new releases and the ones that are sold at a very high rate are needed to be mentioned.**
* **The information about the books will only be accessed by the registered users.**
* **As soon as the request of an order is placed, the customer should be informed with the details of the order.**
* **The orders are needed to be easily tracked down by the user.**
* **The customer who has requested for a book in PDF format then he/she can only be able to access that document only after his/her 1-year registration validity has been verified.**
* **The Admin solely should have the rights of uploading the details of the books and as well uploading the books in the PDF document form.**

**NEED FOR PROJECT**

**Some of the benefits of Project are as under: -**

* **Re-enforcement of Skills happens in the experiential learning process.**
* **A mentor, ensuring that you do not get drifted, constantly guides you.**
* **It gives you a lot of confidence to face an interview as you have worked on a project. You can explain virtually everything on the subject you have learnt.**
* **A nice, final, black, hardbound report adds to you credentials and enhances your job prospects.**
* **Projects is compulsory (Sem-End Project) and is supposed to be done over and above the assignments given in your course books.**
* **It is advised that if a student follows the projects and submits Assignments, he would definitely have an edge over other students.**
* **Students need to submit their project report along with working application and source code in the stipulated time.**

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**CHAPTER 2**

**PROJECT MAKING & BACKGROUND**

**PROJECT DURATION**

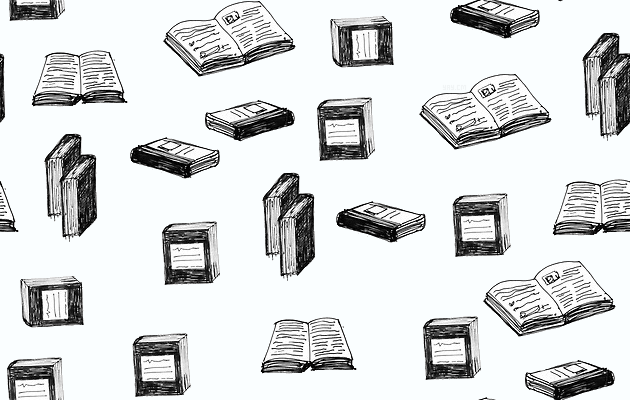
* + - 1. **ANALYSIS - 1 DAY**
      2. **DESIGN - 10 DAYS**
      3. **DEVELOPMENT - 15 DAYS**
      4. **TESTING - 2 DAYS**
      5. **DOCUMENTATION - 2 DAYS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Analysis | Design | Database | Testing | Documentation |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |

**TASK SHEET**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **NO.** | **TASK** | **ACTUAL START DAYS** | **ACTUAL DAYS** | **NAMES** | **STATUS** |
| 1. | CASE STUDY | 25th JULY  2020 | 2 | RIDA FATIMA,  MEHAK NASIR,  MUHAMMAD ZAIN,  BILAL MISBAH | COMPLETED |
| 2. | UI DESIGNING | 26th JULY 2020 | 9 | MUHAMMAD ZAIN ,  BILAL MISBAH,  RIDA FATIMA | COMPLETED |
| 3. | SCENARIO MAKING | 29th JULY 2020 | 8 | MEHAK NASIR,  MUHAMMAD ZAIN,  RIDA FATIMA | COMPLETED |
| 4. | MATERIAL SEARCHING | 14ST AUG 2020 | 3 | MEHAK NASIR,  RIDA FATIMA | COMPLETED |
| 5. | DATABASE CONNECTIVITY | 17th AUG  2020 | 6 | MUHAMMAD ZAIN ,  MEHAK NASIR,  BILAL MISBAH | COMPLETED |
| 6. | DOCUMENTATION | 23th AUG 2020 | 2 | BILAL MISBAH | COMPLETED |

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**CHAPTER 3**

**SOFTWARE & HARDWARE REQUIREMENTS**

**HARDWARE REQUIREMENTS**

1. **A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better.**
2. **64 Megabytes of RAM or better.**

**SOFTWARE REQUIREMENTS**

1. **VISUAL STUDIO CODE**
2. **XAMPP**
3. **GOOGLE - BROWSER**

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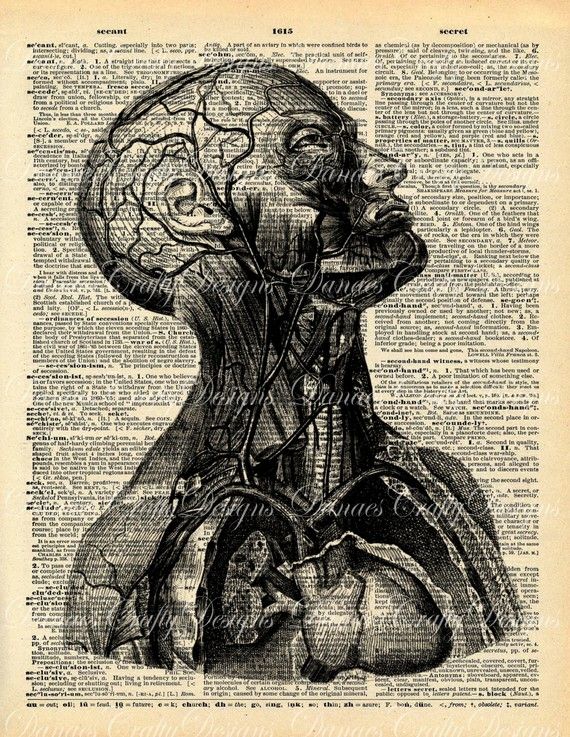
**CHAPTER 4**

**WORKFLOW SUBMISSION CHECKLIST**

**WORKFLOW SUBMISSION CHECKLIST**

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|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **LIST OF ITEMS** | **Remarks** | **COMMENTS** |
| 1. | ARE ALL PAGES LINKED TOGATHER? | **YES** | THROUGH THE URL. |
| 2. | IS THE DATABASE CONNECTED? | **YES** | USING MySQL. |
| 3. | ARE THE PAGE COLOURS ACCORDING TO THE GUIDELINES? | **YES** | USED PROFESSIONAL COLOR COMBINATIONS. |
| 4. | ARE THE TABLES WORKING? | **YES** | CRUD OPERATIONS – IN OPERATION. |
| 5. | IS THE DOCUMENTATION INCLUDED? | **YES** | ALL DOCUMENTS-USER GUIDE, DEVELOPER GUIDE & DOCUMENTATIO. |
| 6. | IS THE PROJECT COMPRESSED? | **YES** | CREATED USING WIN ZIP-RAR. |

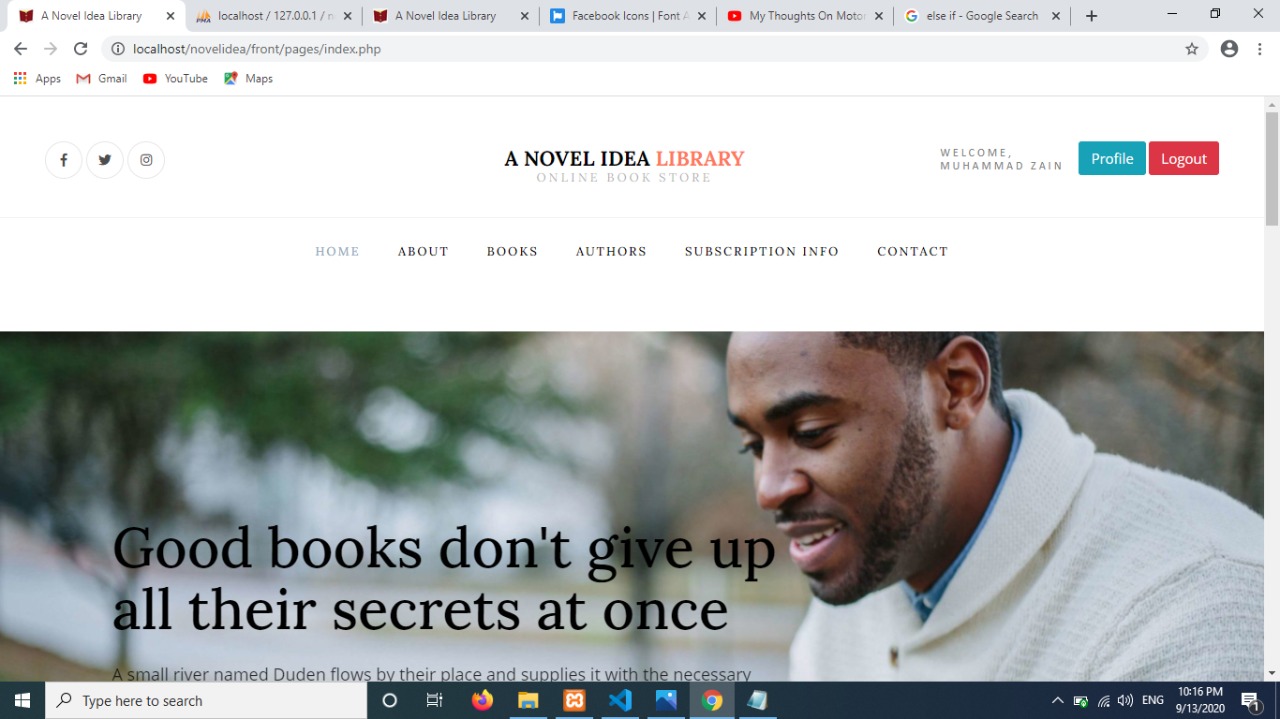
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**CHAPTER 5**

**SCREENSHOTS**

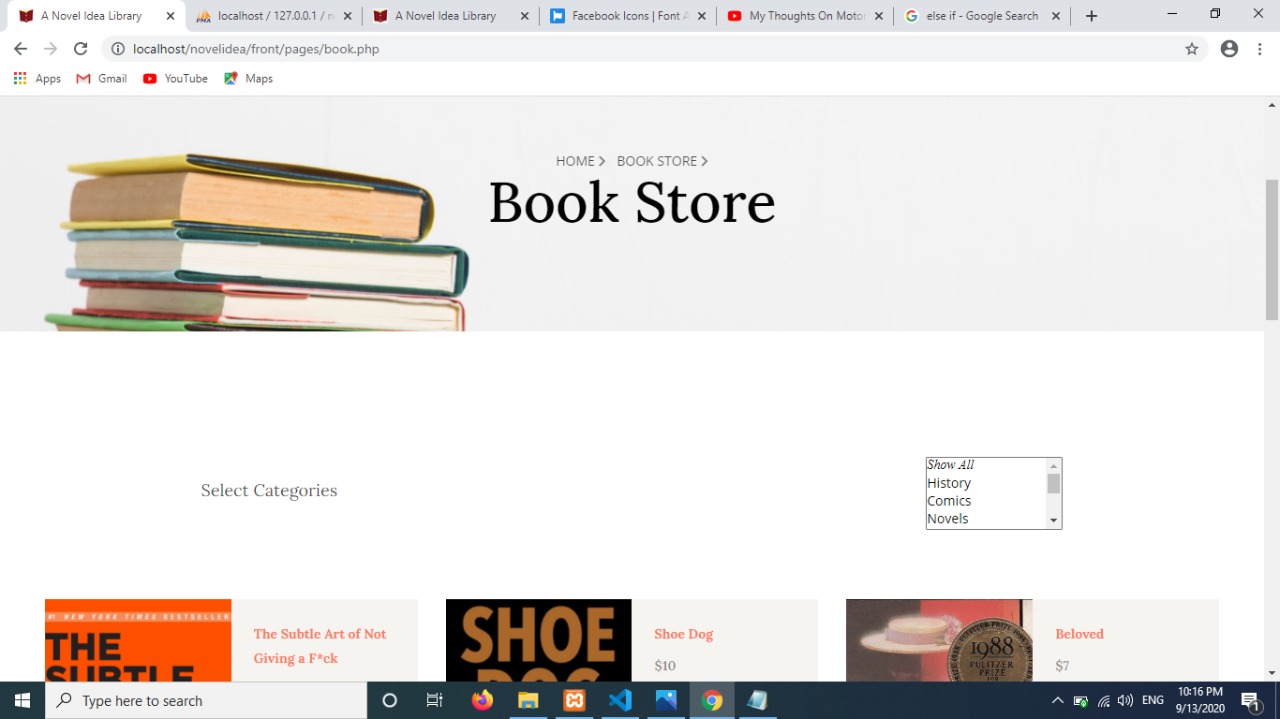
**HOMEPAGE**

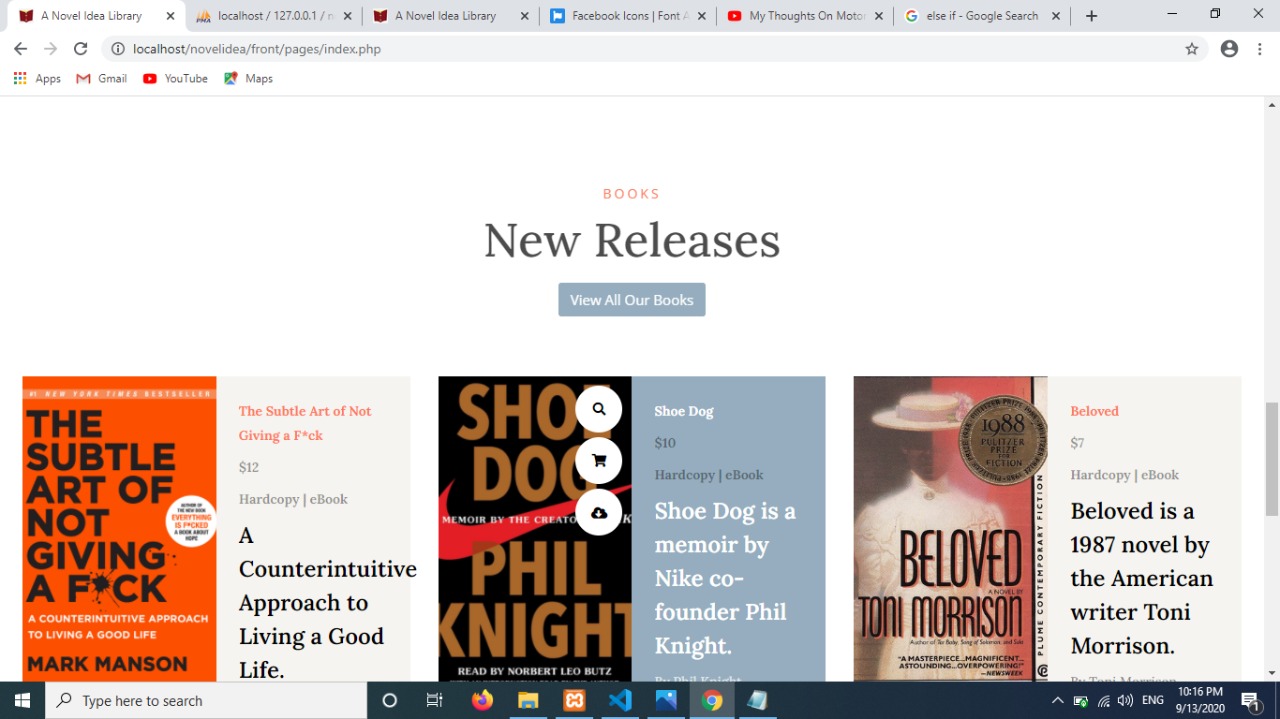
The homepage shows a brilliant header along with a sober background look giving our readers a pleasant effect on the eyes and soul. Extensive work has been done on other pages too.

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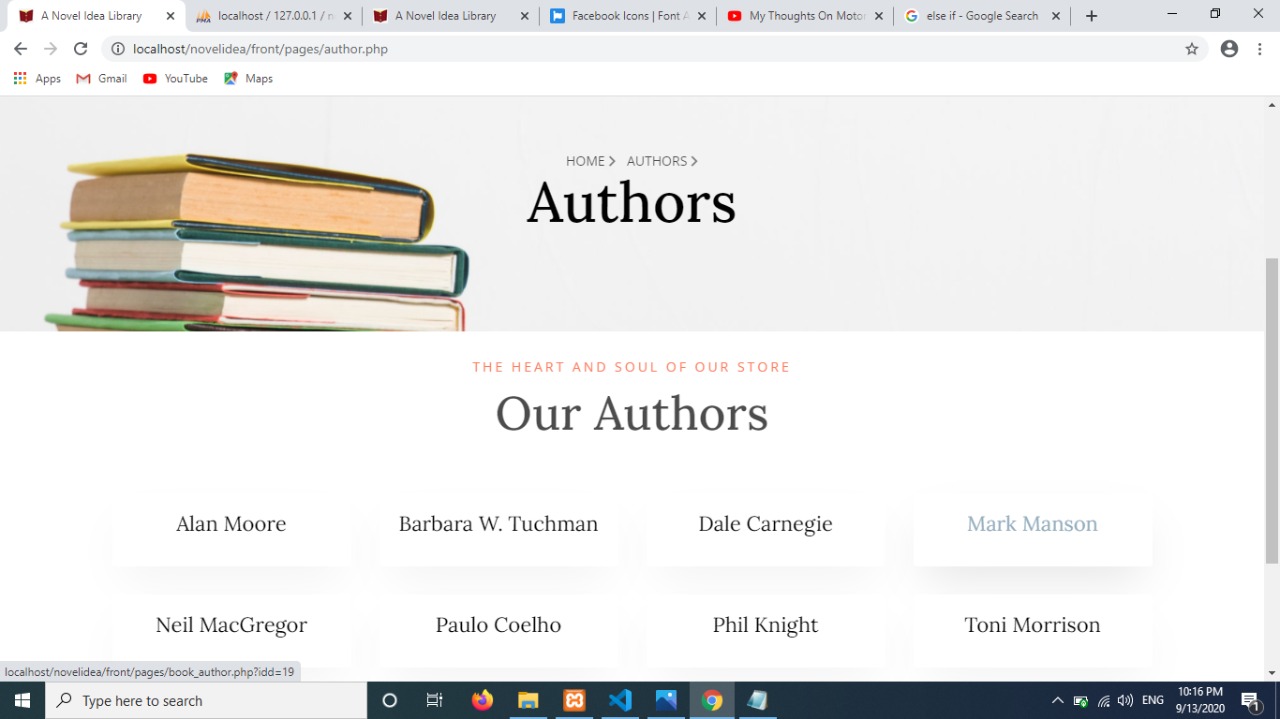
**BOOKS CATEGORY PAGE**

The Website shows the category page including all the books and their genres. Other than that, we show all the new releases and stores of volumes shared on our website.

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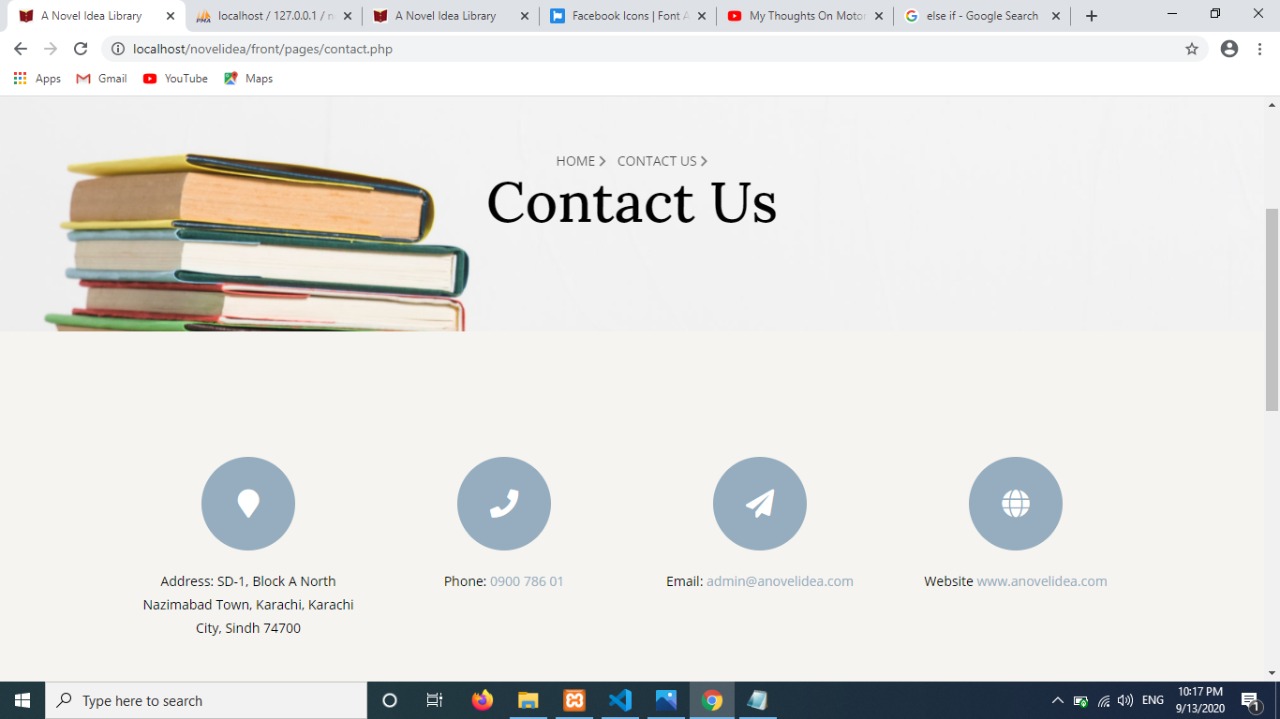
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The bonus is that the person can not only view books through genres but can also filter through Authors favorite select.

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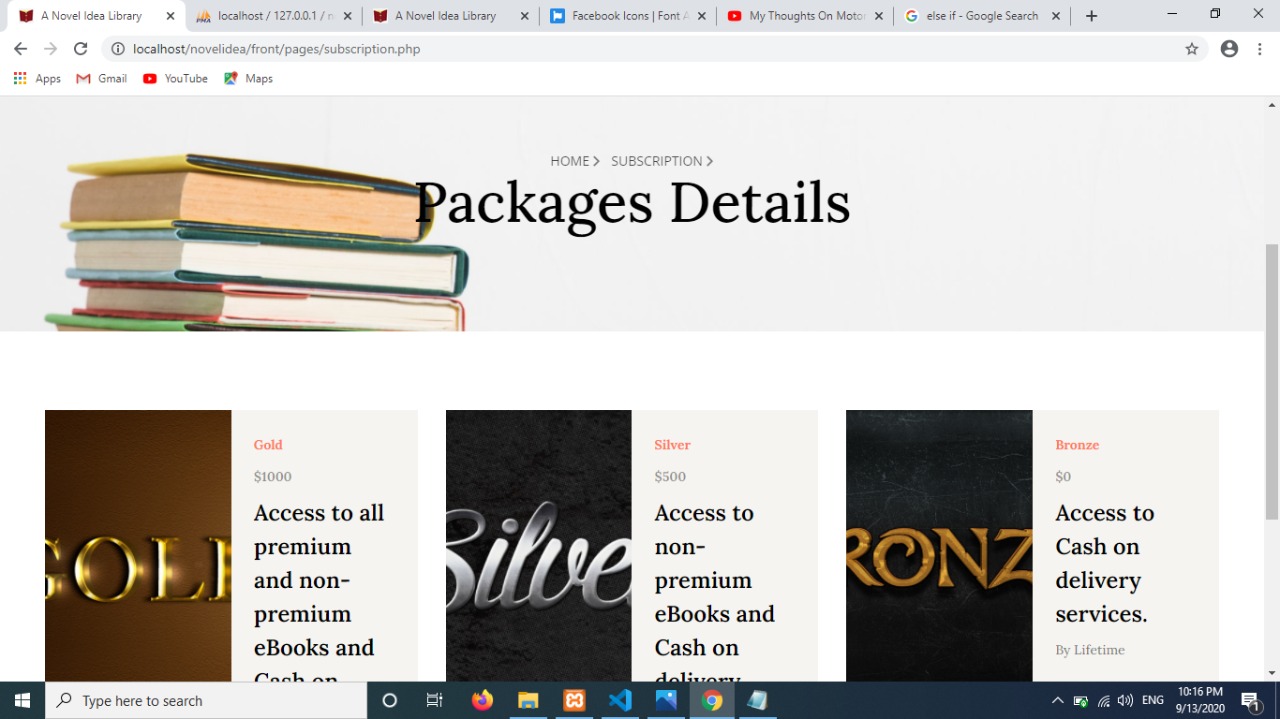
**CONTACT US PAGE**

You can contact us through either call or email or can visit our nearest branch for further details.

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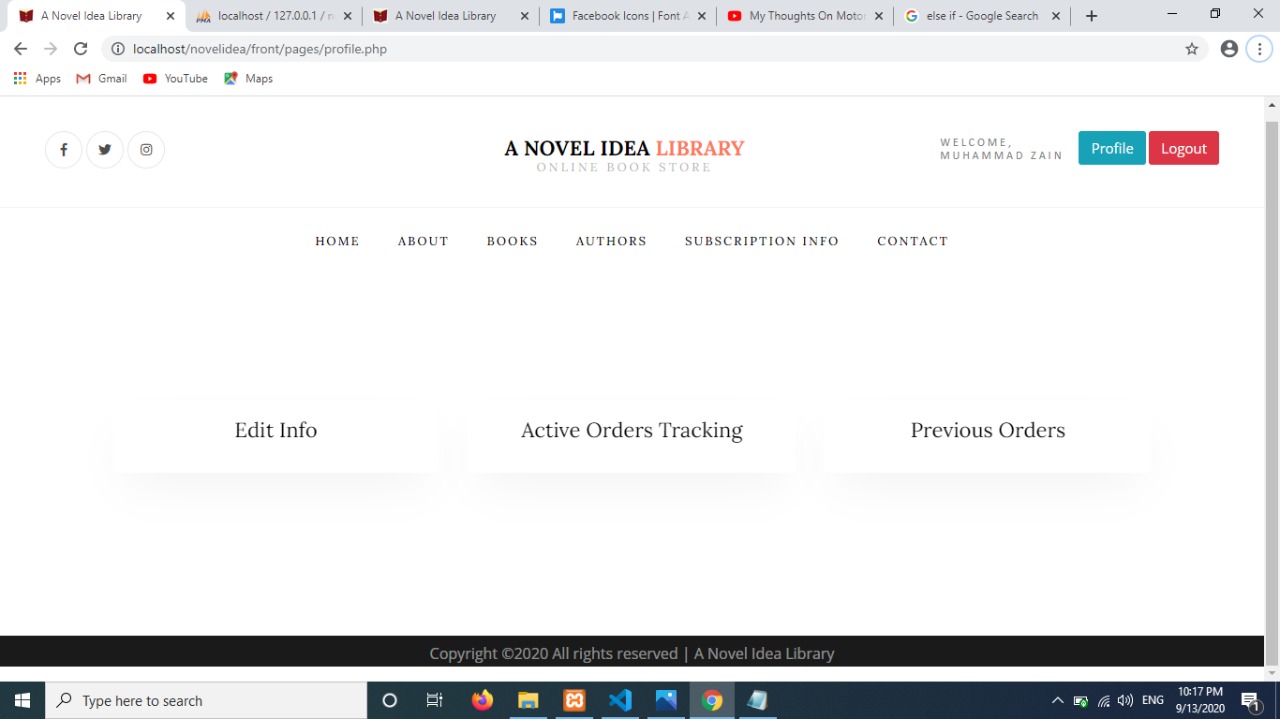
**PACKAGE DETAILS**

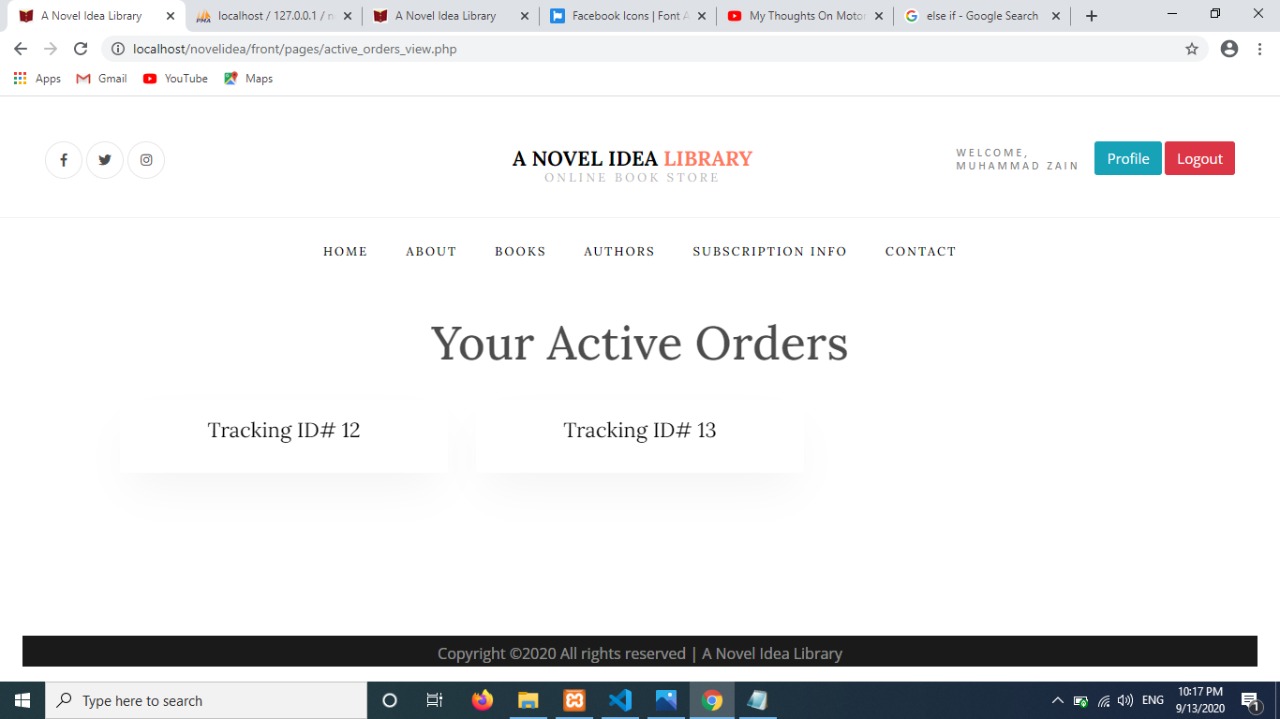
The website offers a great number of packages to the customers, each package has its own perks. You can further gain information through the Problem statement specified in the Documentation.

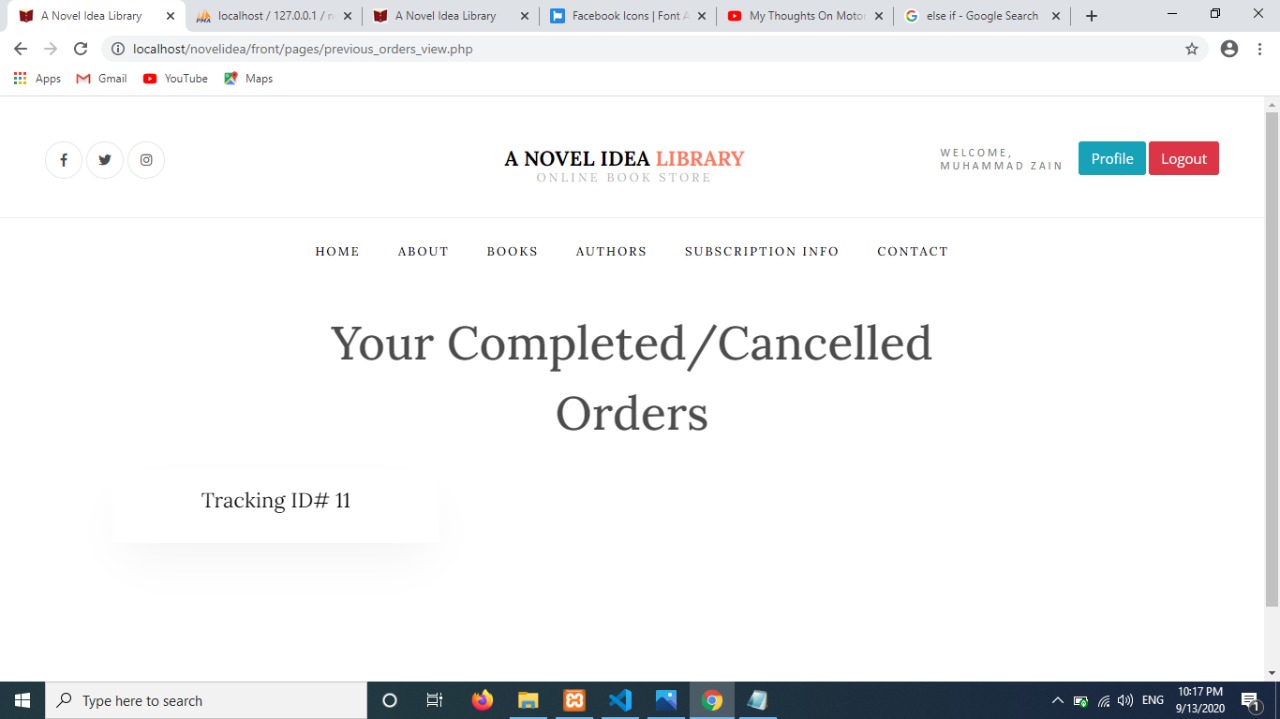


**ADD TO CART PAGE**

This includes a brief work concept of books being add to cart. It includes a section of Active Orders, along with whether the orders have been successfully delivered or not.

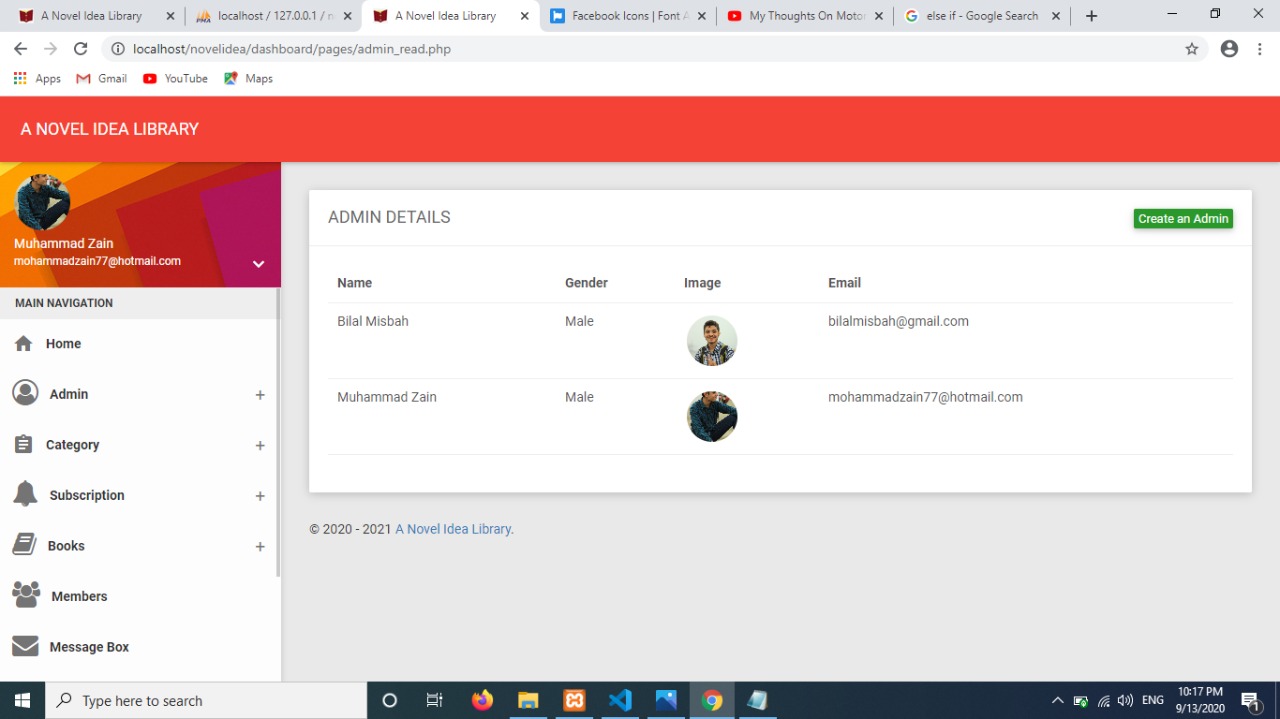
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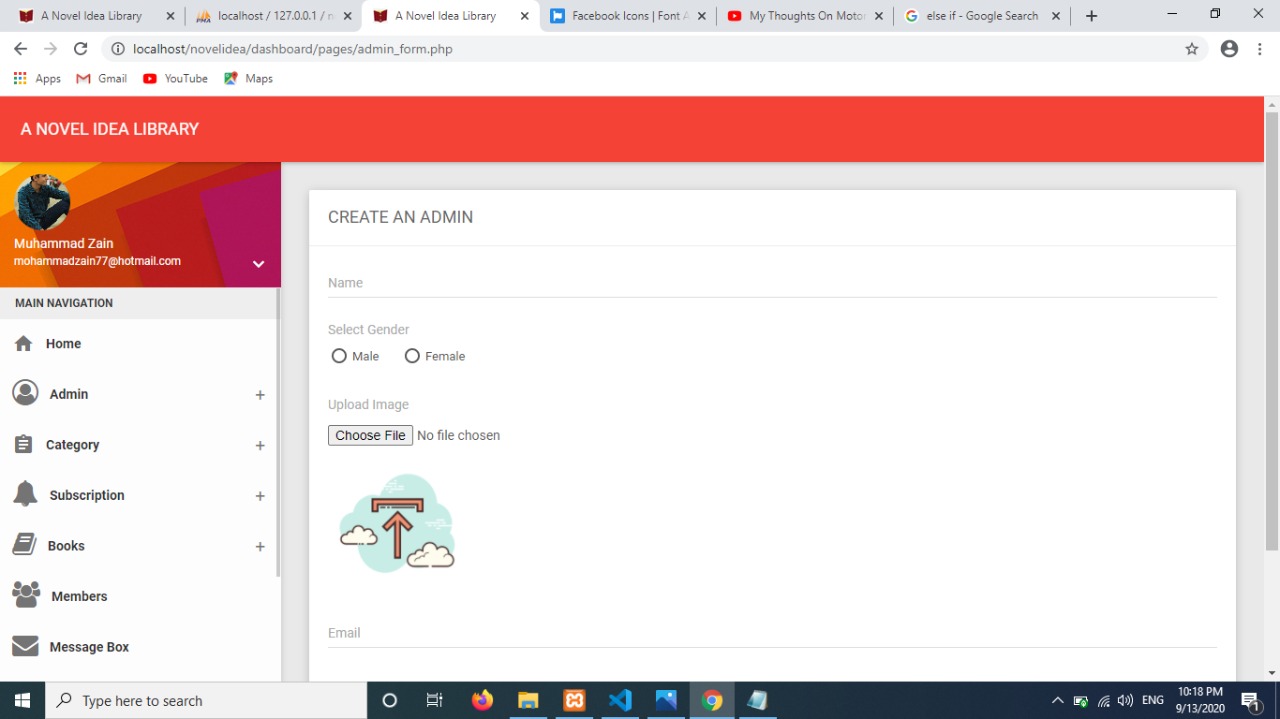
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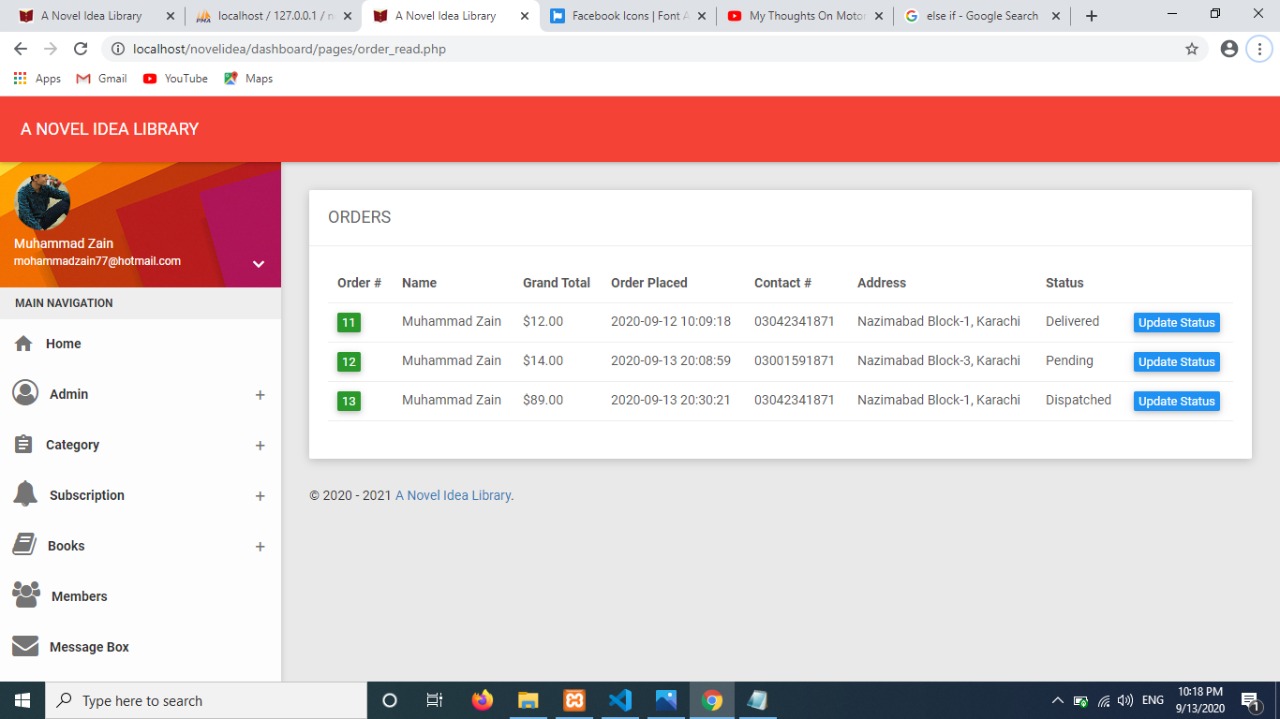
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**DASHBOARD**

The dashboard consists of various navigations like Edit, Delete, Insert & Update Admins, Categories, Subscriptions, Books, Members etc.







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**CHAPTER 5**

**CONCLUSION**

**REMARKS**

* It’s a great initiative helping us not only to bind the members as a strong team but also to polish our skills, for the things we have just learned. This gives us the courage to compete at a greater stance.

**PROBLEMS FACED**

* The COVID19 pandemic situation acted as a great barrier, however; we accomplished through countless hours working online.

**FUTURE ENHANCEMENTS**

* **We have worked really hard to transform it into a realistic Enkindle system library, making it a better prototype of it. It can be deployed for future use.**
* **But there is always a place for betterment so ere are our few suggestions, Enclosures will be added soon. Also, interaction with our regular customers can be maintained using mail, message etc.**