



BOOK SPACE

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A Free Book Website





Group No: 30

GROUP MEMBERS:

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Anirudh Jakhotia

DURATION : *12-15 hours per week*





Project Motivation

The main motivation of the project is to help the poor by giving books for free. The primary focus will be to help the poor, but it will also be helpful to other people as well.

Problem Statement

In these present situations, it is difficult for poor people to even afford food, thus affording money for buying books has become a big burden for their child's education!!

Problem Solution

This website will play a major role in giving books to the poor for free which will be very helpful for them.



Project Overall Idea

People who want to donate their books can login to this website and can fill in the details of the book like name, genre and condition of the book. If the book is in good condition to read, then he has to give his address and then a pick up guy comes to receive it. Donors get the points or coupons which will be helpful to buy books from website with low cost ! The book will be posted on the website with title, edition, proper photo and grade of the book. Customers who are interested to buy the book can place an order with only delivery charges and order will be received as soon as possible and customers can keep track of order and can contact customer care for any further queries and updates.

Unique features of our website & How this website is different from Other websites?

- ❖ *Unique and friendly UI / UX*
- ❖ *There is no website with similar idea or similar UI / UX*
- ❖ *Mypustak.com website is down and it is not selling books and not taking donation of books*
- ❖ *Many websites resell the old books, but we are not selling the old books for money, but giving them for free of cost*
- ❖ *Free of bugs*
- ❖ *Give donors a gift every month who donates the most number of books*
- ❖ *Rapid and safe with COVID preventive measures taken care while delivery*
- ❖ *We will personally go to villages and give free books for schools and libraries*



Functional Description

Modules : 8

Module 1: UI/UX Design

This is the first and important module in developing our website. An interactive UI/UX makes customer satisfied.



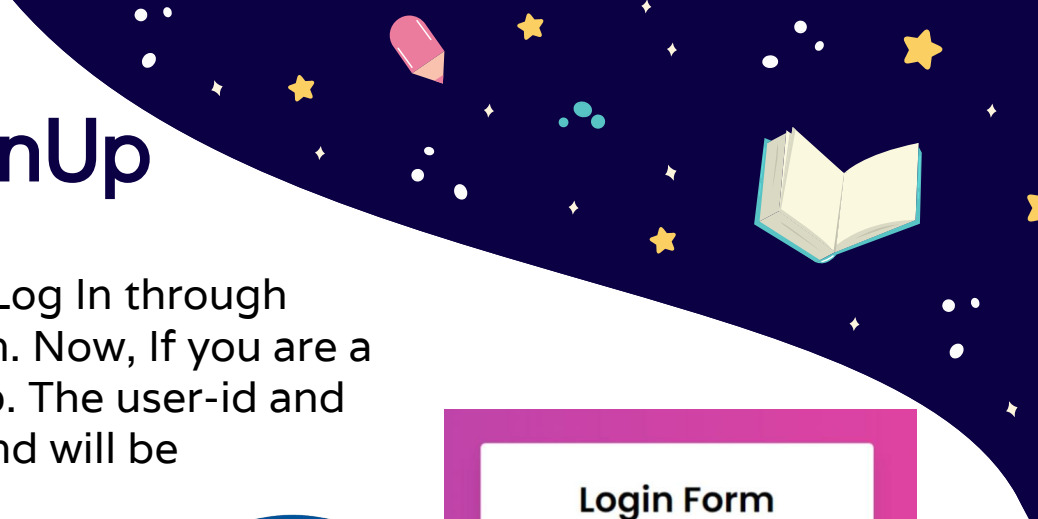
Module 2: Login/SignUp

The existing users of our website can Log In through username and password in this section. Now, If you are a new user around here, you can sign up. The user-id and password will be added to database and will be maintained securely.

Module 3: Authentication



We have to use certain API's for connecting to the application and providing an Interface for Authentication Purpose.



Login Form

Login

Signup

Email Address

Password

[Forgot password?](#)

Login

Not a member? [Signup now](#)

Module 4:

Database Management

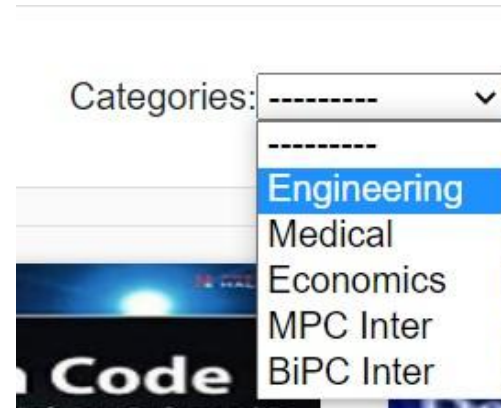


We used Django framework for maintaining the back-end of our website. By this, we will be able to connect to database and maintain user records.

Module 5:

Product Categories and Navigation

In this module, categories are displayed using a drop down menu and the user can navigate through the category they want.





Module 6: User Needs:

On Choosing :

→ **“Buy books”** will redirect to a page where there will be a book shelf along with a filter and a search bar. So, the user can select the desired books and add them to the cart.

→ **“Donate books”** will redirect to a page where the donors should fill up the details like the name and address, number of books, email and phone number, upon submission it will redirect to status of submission.

→ **“Hall of Fame”** will redirect to a page where top donors are listed in leaderboard with the number of books donated and can search donors by their donation ID.

Module 7: Shop

- ❑ On this page, one can find a stack of all books and we have a filter that has category type, ISBN, and name of the book.
- ❑ For each book, there is every detail of the product in this section with author, book condition and description of the book.
- ❑ The products can be added to the cart then with a checkout form with shipping address and then the payment of the order.



Module 8 :

Deployment and Hosting

- We will test our website for 2-3 weeks before deploying it for finding any bugs in the functionality of website.
- We currently have hosted our website on GitHub and will deploy it on cloud based services such as Heroku.

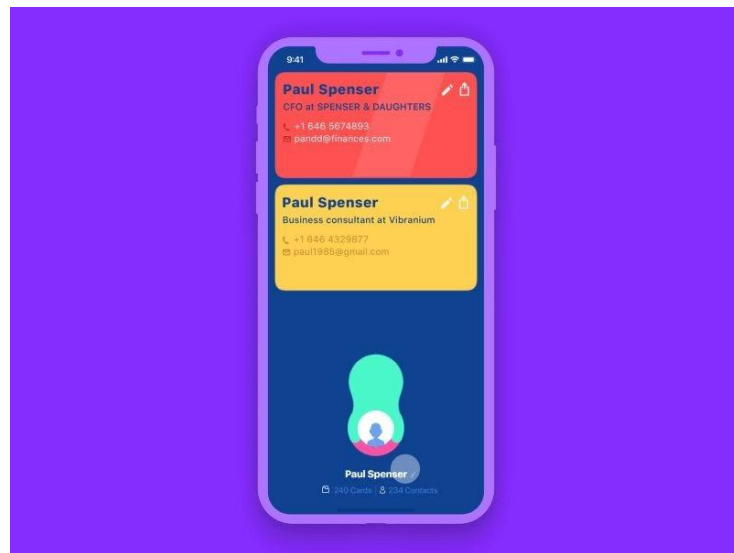


FEATURES

Better UI/UX



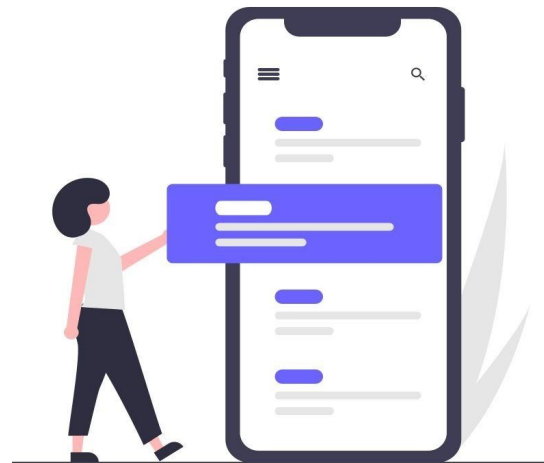
Easy Usage



Cash on Delivery



Clean navigational menu



*Good quality product photos with
image zoom and thumbnails*



Wish-list and Add to cart



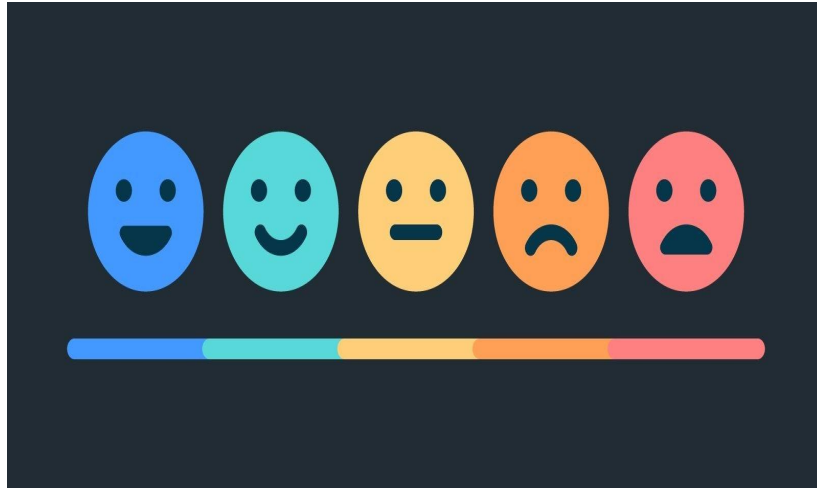
Engaging and informative "About Us" page with contact details.



Social media connections



Suggestions and user feedback is taken



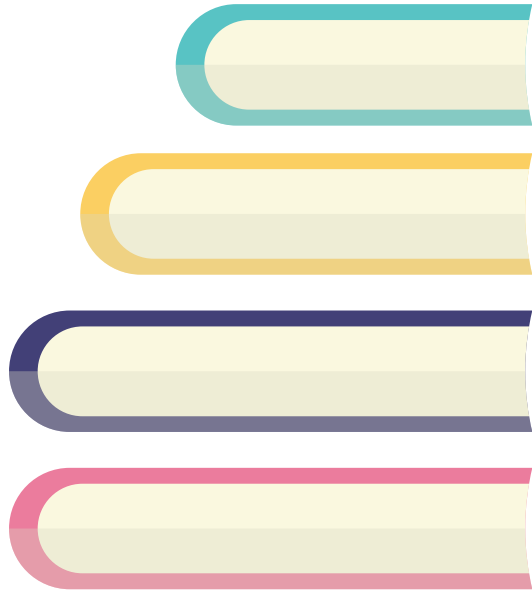
Secure Login and User information is safe



Tracking Option for Orders



E-Payment



 Banking Cards	 USSD	 AEPS	 UPI	 Mobile Wallet
 Banks Pre-paid Cards	 Point of Sale	 Internet Banking	 Mobile Banking	 Micro ATMs



Discount offers and coupons for Donors



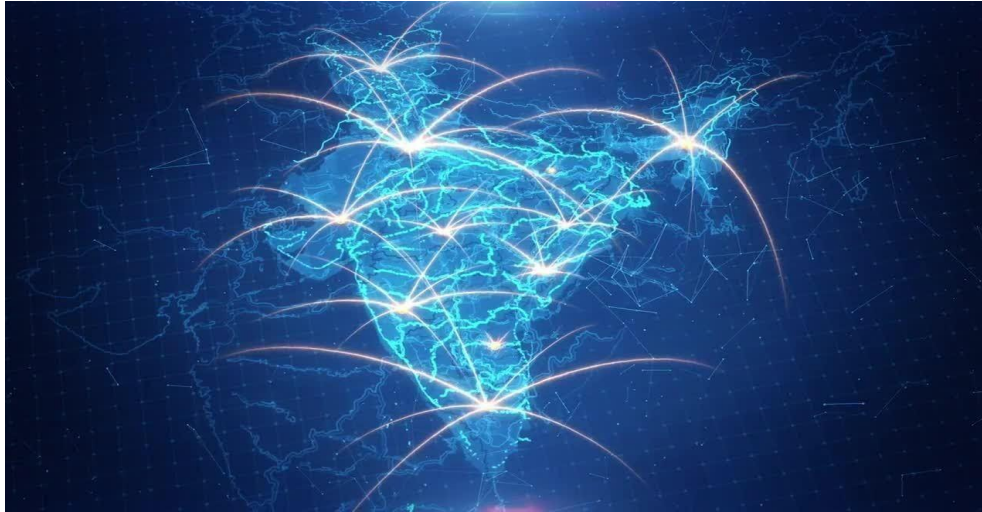
Connectivity



Hall of fame : The top 15 donors are posted in the Hall of Fame with their Name, photo and Contact information.



**Delivery can be reached for
various places across India**



Sending Email Address

Can send a direct email for others to check about the website and can suggest a book and can interact with the Donors



QNA Queries

For any queries about the books and other details can ask questions and will be replied soon





Preliminary Work

Before Starting Project

- ❖ We will draw an outline of our website
- ❖ We will search for places where people require the books most first
- ❖ We will tie-up with delivery companies
- ❖ We will collaborate with other websites
- ❖ We will initially collect books few books and provide them as a catalog to the users

Task Assigned

Rakesh Ganeshula - Navbar, Account Details, Cart, Checkout, Backend (Shop and Order, Hall Of Fame)

Harish Mullagura - Footer, About Us, Order Details, Backend (Contact Us and Donation Form, Buy Now)

Neeraj Dusa - Login, Sign-Up, Account Details, Backend (Order Details, Order Item, Shipping Addresses, Add To Cart)

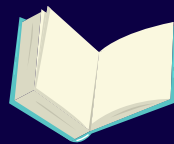
Jayanth Sri Ram Kanduri - Contact Us, Donate, FAQ, Backend (Donate Form and Contact form)

Anirudh Jakhotia - Hall Of Fame, License, Privacy Policy, Thank you, Backend (Donate, Hall Of Fame)

NOTE: Home and Shop pages were done by everyone equally together.

Update & Rework from Final Review

- Added SSL security 2.0 for safety of users to keep their accounts safe
- Created local backup in case of failure of servers or temporary maintenance of website to update & fix the bugs
- Added more books with proper description of each book
- Added Order name in order details
- Shipping charges are set automatically by place (distance from buyer place to warehouse)
- The whole project is done and it is ready to deploy



Project Phases (Review)

Phase	Work
1st Review	❖ Frontend (Navbar, Home, About Us, Contact Us, FAQ, Hall Of Fame, Footer, LogIn, SignUp)
2nd Review	<div>❖ Frontend (Shop, Home, Donate, Add to cart, Checkout, Buy Now, Account Details, Each Book Details)</div> <div>❖ Backend (Contact us form, Donate form, Hall Of Fame, LogIn, SignUp)</div>
3rd Review	<div>❖ Frontend (Order Details, Privacy Policy, License)</div> <div>❖ Backend (Shop, Order, Order Item, Shipping Info and Charges, Cart, Checkout, Payment, Order Details)</div> <div>❖ Testing (Unit and Integration)</div>



Software Components

- ❖ *HTML, CSS, JS, Python, Django, Bootstrap, Django Administration, Editor - VS Code*
- ❖ *Web Browser - Google Chrome, Firefox and Safari*
- ❖ *Graphics Editor - Adobe Photoshop*
- ❖ *Server - Django local server*
- ❖ *Hosting Platform : GitHub*
- ❖ *Cloud services- Google Drive, Heroku*

Thanks!



Do you have any questions?

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