



Walk with a Book

WEB
APPLICATION
DEVELOPMENT



□ **Group No:** 30

□ **Group Leader:**
Anirudh Jakhotia

□ **Group members:**

- *Neeraj Dusa*
- *Harish Mullagura*
- *Rakesh Ganeshula*
- *Jayanth Sri Ram Kanduri*

□ **Duration:** 6-7 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.

Functional Description

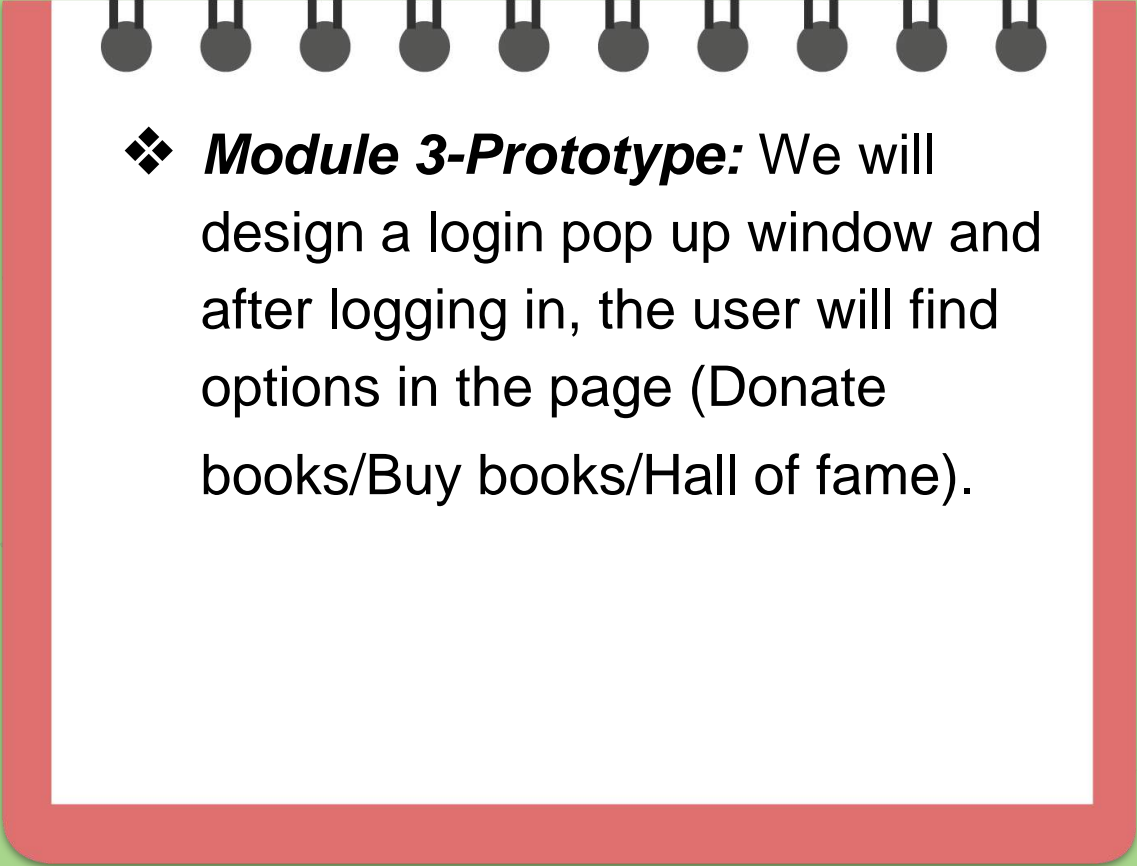
Modules : 8

❖ *Module 1-Blueprint:*

We will first create a blueprint of our website on a paper.

❖ *Module 2-Web*

Design: We will start designing our website using HTML, CSS and JS and Python for Home page (front end).



❖ ***Module 3-Prototype:*** We will design a login pop up window and after logging in, the user will find options in the page (Donate books/Buy books/Hall of fame).

❖ **Module 4-Client 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.

→ **“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 5-Database management:***

By using MongoDB, we will connect to the database and maintain user records.

❖ ***Module 6-Tracking:***

In this module, we will have a payment gateway and order tracking.

❖ ***Module 7-Testing:***

We will test our
website for 2-3 weeks
before deploying

❖ ***Module 8-Deployment:***

*This is the last stage,
where we will deploy
the website with no
bugs*

❑ **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 user can fill the 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. Customers can keep track of order and can contact customer care for any further queries and updates.

Primary Blueprint

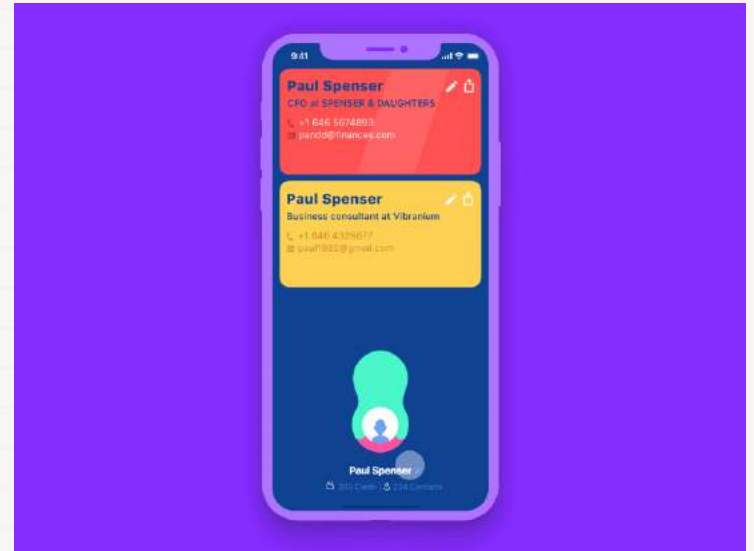


FEATURES

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*



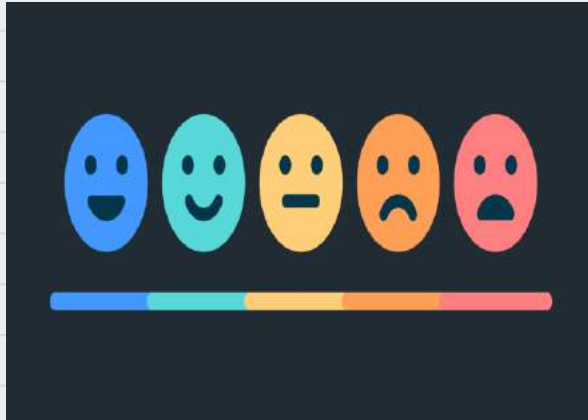
*Engaging and
informative "About
Us" page with
contact details.*



Social media connections



Suggestions and user feedback is taken



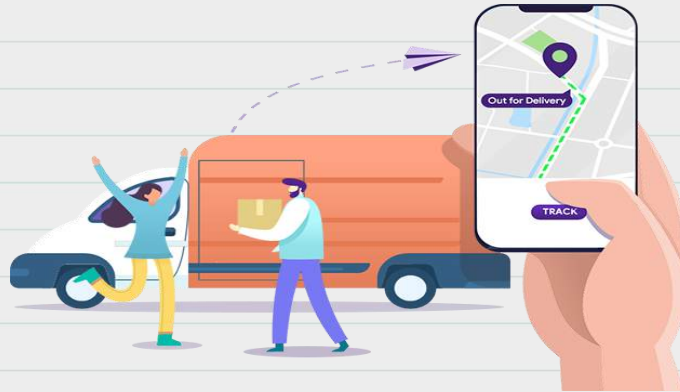
Secure Login and User information is safe



Further Updates



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

Bug fixes and performance improvements



Discount offers and coupons for Donors



Will soon provide other products along with books

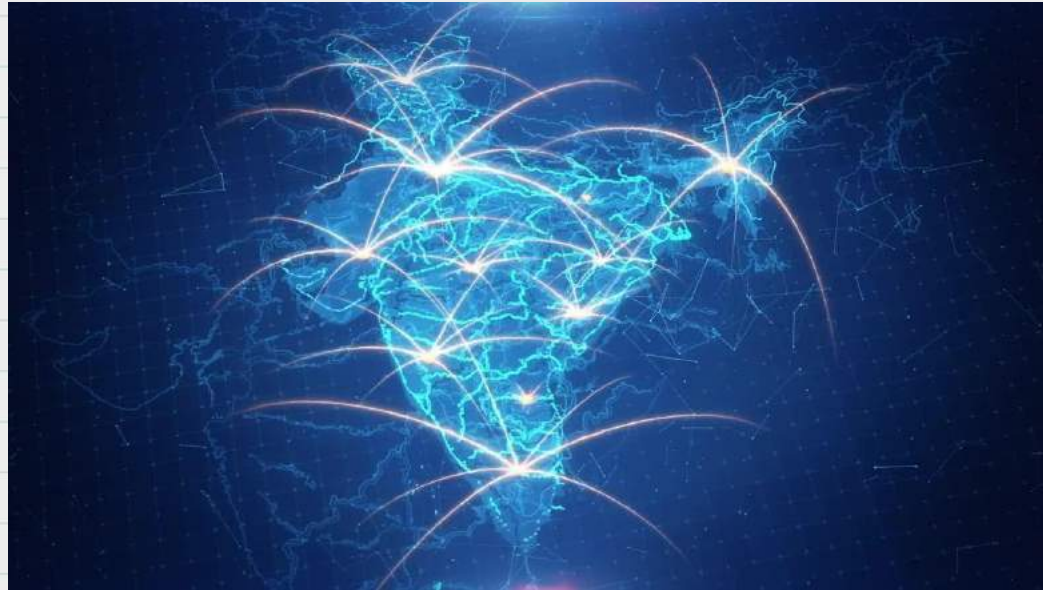


Connectivity

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 possible places in India



Sending email to Others

Users can send a direct email to others to check out the website and can suggest a book and also interact with the Donors



QNA Queries

For any queries related to books or other details. Questions can be raised and will be replied soon



Task Assigned

Anirudh Jakhotia : *Graphic Designer and Security*

Neeraj Dusa : *Information
Gathering and Catalogue
management*

Harish Mullagura :
*Database management and
Tracking shipment*

Rakesh Ganeshula :
*Website Developer and
payment gateway*

Jayanth Sri Ram Kanduri :
UI/UX Designer, Manages bugs

Software Components

- **HTML,CSS,JS,Python,Django,Bootstrap, MongoDB Editor - VS Code**
- **Web Browser - Google Chrome**
- **Graphics Editor - GIMP,Adobe Photoshop**
- **FTP Client - Filezilla**
- **New Software components to be added for further development.**

Preliminary work



- We will draw an outline of our website
- We will search for most needed places first
- We will tie-up with the delivery company
- We will collab with other websites
- We will initially collect few books as a catalog and provide them to the use



ANY QUESTIONS?



THANK
YOU