

## Books-Are-Us : Book Donation Website

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**Abstract** - Education empowers minds that will be able to conceive good thoughts and ideas. Education enables students to do analysis while making life decisions. Life gives various survival challenges for humans. But education guides human to fight with failure and get success in life. Education is the only thing that can remove corruption, unemployment, and environmental problems. But one of the important assets for education are books. Though education is free, getting education is expensive mainly because of the expense of books. In India, rich are getting richer and poor are getting poorer due to the lack of resources. The idea is to take from the rich and fortunate people and donate to the less fortunate with the help of technology. As we are in the 21<sup>st</sup> century, conventional book donation ideas will be a lot time consuming. Building a two-way interface website with prototype search screen to circulate the educational items within the rural areas is the prime focus. Such website can accelerate the education process by making books available to all. The website is designed using HTML, CSS, jQuery and JavaScript. With the usage of these websites, the future of education can also be ensured to some extent as in the then digital world, books will be available at the click of a button.

**Key Words:** Book Donation, CSS, HTML, JavaScript, jQuery, Prototype Search Screen, Website,

### 1. INTRODUCTION

What is Education? Education is training people's mind to make rational and moral decisions at times of hardships. But more importantly, in the era of information and technology, education is pivotal for survival as lots of jobs rely on the highest level of education awarded. In India, particularly, the society is divided into sectors of rich and poor where rich are fortunate enough to afford the assets that are required for education, primarily books. Whilst the poor are unable to afford the high demanding prices of the books.

Although, tradition book donation practices are extant but not feasible in the hustle of the modern world. Also, the reach of donated books in the secluded areas is also a question. Thus, to curb the challenges associated with tradition book donation practices and the ensure

smooth reach of books in the secluded areas, BOOKS-ARE-US website can be used. This website enables students to sell and buy books of all kinds right from kinder garden to post graduation, irrespective of the stream. Under BOOKS-ARE-US, a community library will also be set in the locality wherein children can collect the books. It saves time and by having necessary information, students can make better and more informed decision concerning their education.

### 2. AIM & OBJECTIVES

The aim is to develop a beneficial website using HTML, CSS, jQuery and JavaScript for everyone which will provide valuable potential to ameliorate book donation in India, by bridging the gap between the rich and the poor, ultimately leading to efficacious education of everyone and plausible contribution towards the betterment of the nation.

The objectives of Books-Are-Us are as follows:

- To empower underprivileged sector with timely and relevant information on the latest books.
- To create transparency between students and the need of the industry.
- To enhance quality of life of people.
- To control exchange of books via smartphone.
- To attract and encourage students towards education and development.
- To provide information to students on educational sectors, courses, books.
- To benefit them with latest government schemes.
- To enhance students on course recommendations.
- To increase employment.
- To give information on guides and reference books.
- To teach children importance of education.
- To provide access of good books to people in the community.

### 3. DESIGN

Books-Are-Us organization has proposed this prototype taking in consideration of the people who cannot afford books by their own. This prototype is all about the books that is needed to be shared all over the world. In this prototype people can donate books written by them or the books that they think people should read. People can register in the organization by simply filling the details. People registered with the organization would be delivered a notification on their given details about the new books donated.

In this organization, people can make a choice on the kind of books they want to read. Prototype Search Screen users can enter text for full-text search and/or other information to narrow the search. If fields are left blank, they are not used to constrain the search.

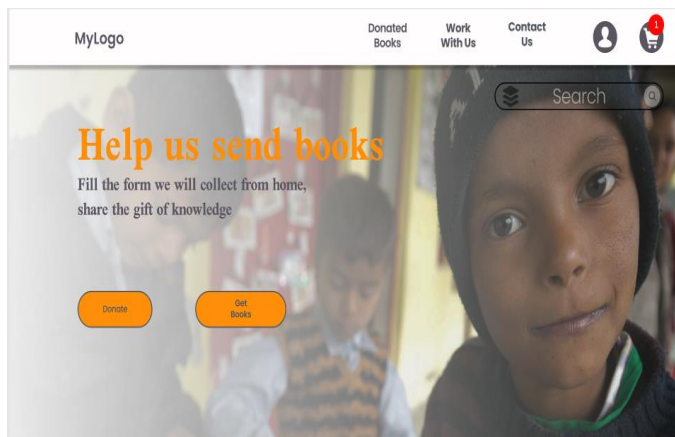


Fig No. 3.1 Prototype Search Screen

#### 3.1 DONATE BOOKS

To donate books, a button is provided on the prototype search screen (Home Page). The button will pop a donation form. If the user selects Donate Books Option, a web page is displayed, which contains the details about donation as illustrated in Figure 3.1.1

Name

First Name  Last Name

Email

Phone

Comment

Fig No. 3.1.1 Donation Form

From this, the donor can donate his books which will be visible to every individual who wishes to collect books from the website.

#### 3.2 REGISTRATION FORM

Apart from donation, the user can also register as a member of the organization by simply selecting the Work With Us option on the Home Page. Figure 3.1.2 shows the registration form.

Registration

Name \*

First  Last

Email \*

Username \*

Password \*

Confirm Password \*

Fig No. 3.1.2 Registration Form

#### 3.3 GET BOOKS

From the Home Page if the user navigates to the books collection page, he can simply select the book he wishes to borrow by clicking on it. The Figure 3.1.3 illustrates the book borrow page.

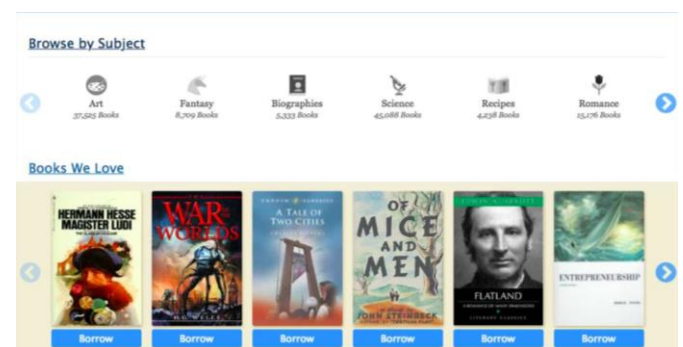


Fig No. 3.1.3 Get Books Page

After login the user will be redirected to the home page where he/she can search the type of book he/she needs to find. The user can enter the author name. User can add the language of the book he/she wants to read. If the user wants to have a softcopy of the book by

uploading the softcopy of the book on the donation page redirected after clicking on donate button on the navigation bar. The navigation bar will contain the details about the organization.

#### 4. IMPLEMENTATION

Firstly, when any user will visit our page there will be two options, first if he/she just wants to donate books or he/she is signing up for volunteering us. After signing up for volunteering sign up form will include their name, address, phone no, course they are studying and an identity proof.

Also, when they sign up, they are agreeing to the terms that their address will be one of the donation centers where people can deliver their donated books or can pick up from the same.

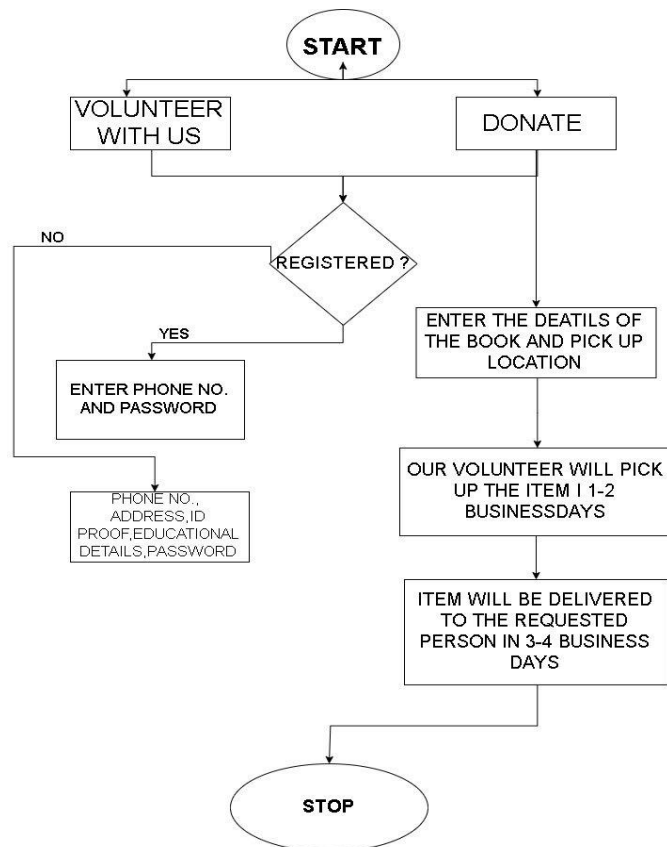


Fig. No. 4.1 Implementation Flow

Regular user sign-up page will include name, phone number, qualification details, identify proof, address. Any donations I request made from the user the delivery or pick up will be done within 2-3 business days.

#### 5. ANALYSIS

The information era is all about working smart and saving time. Conventional methods of doing any activity is overtaken by digital means, right from day to day shopping to making bill payments and transactions. Everything is available on the click of a button. Not just this, but also education is made smart by means of e-learning which is implemented effectively by organizations like BYJUS. In this ever-growing era of technology, availability of books online is an aid to the existing system. Buying books online will reduce the time wasted on visiting several stationaries to find the desired book. Donation of books online will not just help the under-developed sectors or the underprivileged children but also save trees in by printing several copies of the same book. Although education is blooming across the country, availability of books on a click will make it even more effective.

##### 5.1 BENEFITS

- Reduce chopping of trees for printing, as existing books will be reused.
- Make books available to all.
- Aid humanity services by donation of books.

##### 5.2 LIMITATIONS

- Smart phones might not be available to all to place orders.
- Internet connectivity may be unavailable.
- Transportation cost would be high.
- Updated editions might not be available on time.
- Understanding the usage of the website would be difficult for some.
- Language might be a barrier.

#### 6. APPLICATIONS

Education and its importance are never ending. Books are the asset for education. The diversity of books available presents an infinite selection for students. It is practically impossible to have the collection of such a variety at one place. This website will thus enhance the existing supply chain of books. Not only will it escalate the dispense of books, but also make them available to the penurious.

In the Information era, the technological development will be at the spire. The need of the industry will be

increasing technically and so will be the modifications in the educational patterns as well as the inception of the students. Availability of the right book at the right time will be of utter importance. This website will meet all the requirements of the current as well as the coming generations as the updates will be made as per the need of the generation. The distant aim is to make all the stationary available on the website and digitize the entire stationary supply.

## 7. FUTURE SCOPE

This project can be implemented nationwide, so that every individual across the country avails the benefits out of it. Furthermore, books of various languages can be added by adding additional sections to the existing website. Local libraries could be set up in every area to act as a storehouse of books. An app could be created that would identify the location of an individual and direct him to the nearest library to get the books. A chatbot could be created on the website wherein people can directly talk amongst themselves and share books without having to visit the library and update the database themselves about sharing of books. The best-seller novels could be highlighted on the website for people to see and read. With the help of data analysts, books could be recommended to an individual, analysis his search and purchase of books. Similar websites could be created with a wider domain of things to donate like clothes, accessories, and so on.

## 8. CONCLUSIONS

The aim of this proposal is to restructure and strengthen educational base and literacy rate and also to enable delivery of appropriate books and improved awareness about books and to improve the condition of the rural sector of the country.

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## BIOGRAPHIES



**Riya Kalburgi** is a BE-IT student at Shree L.R. Tiwari College of Engineering, Mira Road and is expected to graduate in May 2021. Her research area and domain of interest includes Artificial Intelligence, Neural Networks and Deep Learning. Owing to the proclivity for Artificial Intelligence, she is applying for Master's in Computer Science specializing in Artificial Intelligence in Fall 2021. She has worked on projects like Predicting Life Expectancy, Twitter Sentiment Analysis, Expression Analysis System etc. which have kindled her inclination towards the field. Riya aims at understanding Artificial Intelligence through her formal education and mature the field's nascent applications.



**Mohammed Faiz Sayyed** is a final year student from Shree L.R. Tiwari College of Engineering and is anticipated to graduate as Information Technology Engineer in May 2021. His Domain of interest and research are Software development and Web development. Faiz has done certification on courses such as cross platform mobile app development and advance python programming. He has worked on projects such as Online Voting System, Blood Bank, Chat Matrix, Image enlargement, etc. Faiz aims to become an excellent programmer and learn different technologies to find better and innovative solutions.