



Website Development of National Federation of the Blind Maharashtra, Kolhapur (NFBM)

*Mrs. Ujjwala.L.kokate*¹, Mr. Pradeep Parit*², Mr. Vrushab Patil*³, Mr. Pranav Mahind*⁴, Mr. Gurudatt Mane*⁵, Mr. HujefMangure*⁶*

**¹ Lecturer, Department of Computer Engineering, Sharad Institute of Technology Polytechnic, Yadrav, Maharashtra, India.*

**^{2,3,4,5,6} Diploma Student, Department of Computer Engineering, Sharad Institute of Technology Polytechnic, Yadrav, Maharashtra, India.*

ABSTRACT

Appropriate design becomes very important to attract users to use websites and mobile applications. A lot of research has been conducted to create effective websites and mobile applications. We have studied many effective designs, and based on our research, we have selected some elements that are mainly used in website and mobile application design. We have developed a website for NFBM Kolhapur. The National Federation of the Blind (NFBM) is an organization located in the Kolhapur region. The organization helps the visually impaired in school/university, work, sports, etc. Kolhapur provides clothing and food for the visually impaired. Today, some organizations help people with visual impairments. NFBM Kolhapur is one such organization. The National Federation of the Blind (NFBM) is also active in cities such as Mumbai, Pune and Ahmed Nagar. On this website, we have a home page layout, about us, gallery, join NFBM Kolhapur, join as a volunteer, donate with us, contact us, etc.

Keywords: Website Design, HTML, JavaScript, Organization, Simplicity.

1. INTRODUCTION

The ability to design a website is very important because you only know the code. The information to be provided and the context in which it is created must be structured to optimize it. Therefore, the science of website development comes from the first step, goal setting. Lynch and Horton provided a series of suggested questions, namely:

- What is the mission statement of your organization?
- What does your company need to create a website that supports your business?
- What are your organization's goals when developing the website?
- What is the long-term goal of your company's website?
- What strategies will your organization use to achieve these goals?
- How will your company achieve its goals through the website?

Today's visually impaired people receive a higher level of education and find jobs in government, banking, insurance, IT, tourism, education, music and other fields. To this end, some organizations help the visually impaired. NFBM Kolhapur is one such organization. We will create a website for NFBM

** Corresponding author.*

E-mail address: vrushabpatil.in@gmail.com

Kolhapur. The National Federation of the Blind (Kolhapur) is an organization in the Kolhapur region. The organization helps the visually impaired. The organization helps visually impaired people in schools/universities, work, sports, and other fields. NFBM Kolhapur provides clothing and products for the visually impaired. Today, some organizations help people with visual impairments. NFBM Kolhapur is one such organization. The National Federation of the Blind (NFBM) is also active in cities such as Mumbai, Pune, and Ahmed Nagar. On this website, we have a homepage layout, about us, social work, gallery, notification, join NFBM Kolhapur, volunteer, donate with us, contact us, etc. In the gallery tab, we add photos and videos from your social network to add work.

2. METHODOLOGY

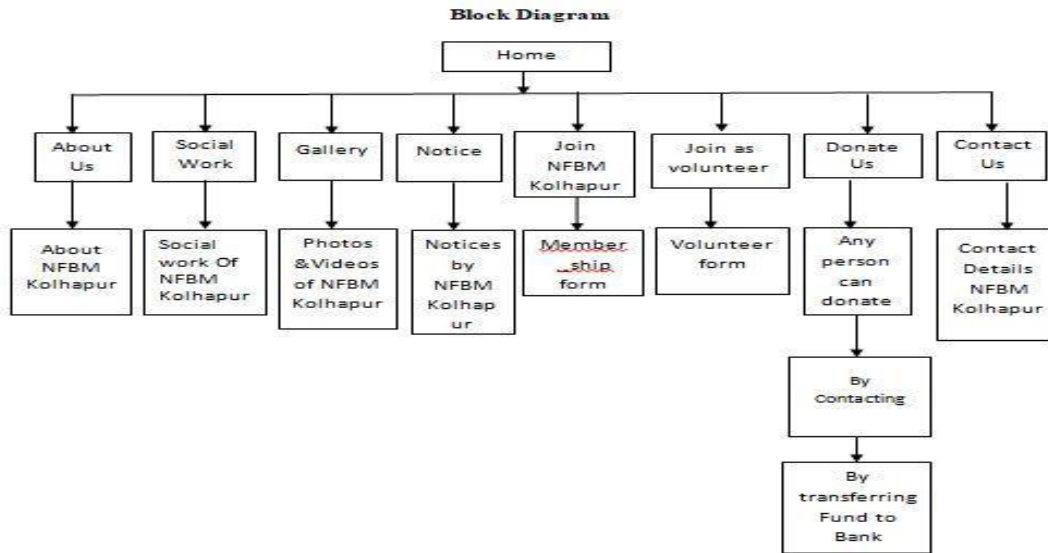


Fig no.1: Block Diagram of NFBM Kolhapur Website.

We have developed a website for an organization. Website is created by linking various pages, In this website we have created/Linked pages like Home, Project, Gallery, About Us, Contact us, Be a member, Join as volunteer and Donate etc. Pages. We have developing this website for an visually impaired person’s organization so that we have used some accessibility rules i.e. change font colour, Increase font size and Decrease font size. If user is colourblind then he/she can adjust colour and if user is visually impaired person then he/she can adjust font size also.

- Home:

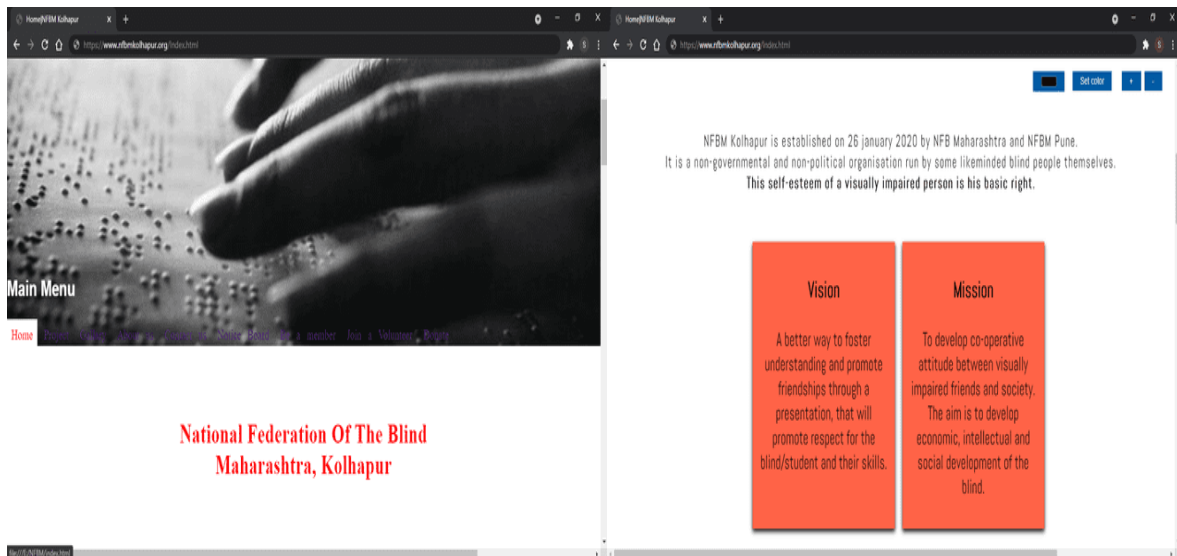


Fig. Home page of NFBM Kolhapur’s Website

In home page at the header section first we have displayed 'Hello, Good Morning' message to the user, and at the right side we have given three buttons i.e. change colour, Increase font and Decrease font size. After this, we have displayed a logo of organization with heading. After that in main menu there are related pages links are there with background image. Then we there is heading of National Federation of the Blind Maharashtra, Kolhapur & Information, vision, mission of NFBM Kolhapur. Then we displayed some images of organization with slide show. After that we have developed html-JavaScript form is there, if user have any query, then he/she can fill this form. In that form user should give his/her name, email and his/her query. Then, at last there is a footer. In that there is contact details of the organization and at the right side there is get involved section in that there is two links we have given for volunteer form and membership form. At the bottom of the page there we have given copyright. Header and footer section is same for all pages.

- **Project:**

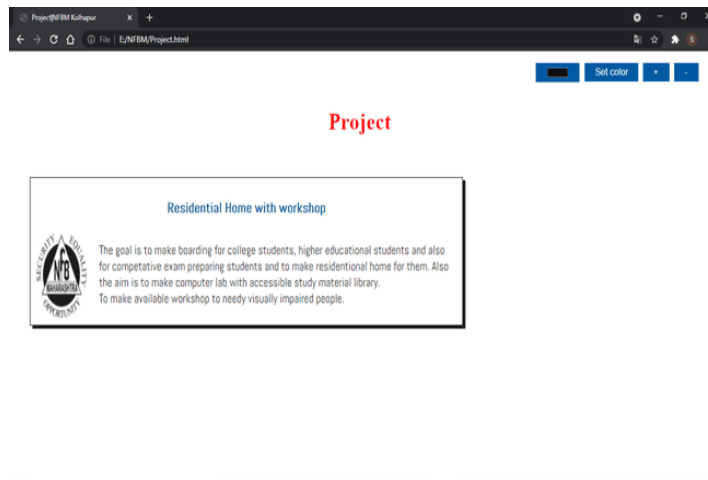


Fig. Project page of NFBM Kolhapur's Website

In this page, Header and footer section is same. After header section there is upcoming project of organization we have give with logo and what actually the upcoming project is ? that information we have given in this project.

- **Gallery:**

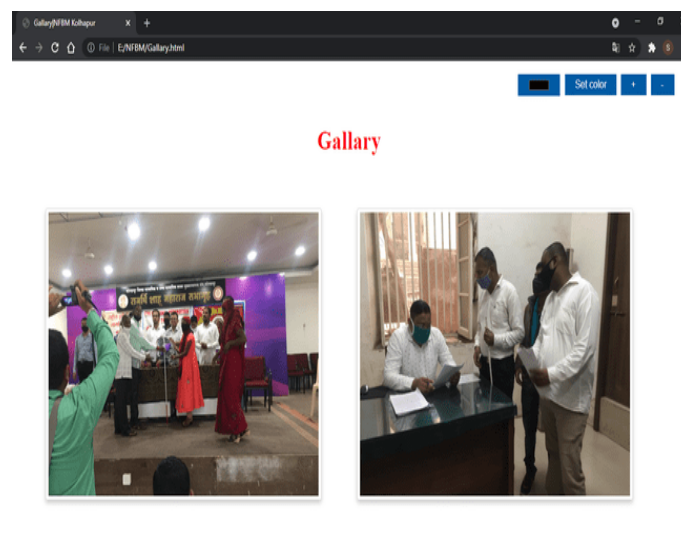


Fig. Gallery page of NFBM Kolhapur's Website

In this page, we have displayed photos and videos of organization by using CSS. We have given border-box, layout, height and width to photos and videos by using CSS.

- **About Us:**

In this page, first we have given brief information about the organization means when the organization established? What this organization do? And where this organization works? This all information we have given and after that we have given what actually this organization do? Then there is we have given the name of core committee.

- **Contact Us:**

In this page, we have given contact details of the organization. In that we have given contact number of the general secretary, president, voice president and treasure of NFBM organization. And email address and organization's address we have given in this page.

- **Be a member:**

In this page, we have given a form to a user if he/she want to be a member of NFBM organization. In this form user should enter personal detail and educational detail.

- **Join a volunteer:**

In this page, there is a form to user. If user want to be a volunteer, then he/she can fill this form. Also, in this form user should enter personal and educational details of the user.

- **Donate:**

This is the last page of this website. In this page, we have given bank details of the organization and also, we have added a JavaScript form. In this form user will have to enter his/her name, phone number, email and his/her message.

3. APPLICATION

- In this website user and also anyone can visit our website then he gets the information and also charity and funding and he also get inspired from them and he also get decision for be a member and be a volunteer.
- In future developer can develop website through application and he get more security to payment method.
- In this website user is know about our social work.

4. CONCLUSION

- The main motive of our project is to develop user friendly website and our website is user friendly. Our website is helpful for visually impaired persons.
- By this website we get charity and funding to NFBM Kolhapur, and also the user know about NFBM Kolhapur.
- In this website we create home page in tabs like social work, gallery, volunteer, donate form etc.
- In our website anyone can join and get membership and donate our website like basic needs, funding etc.
- And the main thing of our website is to visually impaired persons and color blind people easily can read our website and get information from our website.

REFERENCES

- [1] Author: Renee Garrett, MS, LCSWI Jason Chiu, MS, Ly Zhang and Sean D. Young, PhD, MS2, 3 (2016) <https://www.ncbi.nlm.nih.gov/pmc/article/PMC4974011/>
- [2] Nielsen, J. (2000). Designing web Usability: The practice of simplicity. Indianapolis, IN, NewRiders.
- [3] Weinman, L. (2000). Designing web graphics. Indianapolis, IN, New RiderPublishing.
- [4] Niederest, J. (1999). Web design in a nutshell. Sebastopol, CA, O'Rielly.