Date: 16 July 2022

END-SEM REPORT - PRACTICE SCHOOL-1

Updating the existing websites in the regional languages

At

IRCS TECH, Bangalore,

A Practice School-I Station of

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE PILANI
(PILANI CAMPUS)

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Student Details

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Discipline

Civil Engineering

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At IRCS Tech, Bangalore

A Practice School-I Station of

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE PILANI (PILANI CAMPUS)

Practice School Details

Station: IRCS - Tech

Centre: Bengaluru, Karnataka

Date Of Start- 30-May-2022

Date of Submission- 16-July-2022

Title Of Project-

Updating the existing websites in the regional languages(Kannada, Hindi,…)

Mentor Details: Faculty Mentor – Kamlesh Tiwari;
Co-instructor – Manoj Kumar V;
Industry Coordinator- Dilip Sharma

Team Members:

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NAMIT SHRIVASTAVA
KUSHAL SRIVASTAVA
YASHIKA AHLAWAT
JUMDE YASH UDAY

Preface

The Indian Red Cross Society's objectives include raising public awareness of climate change, offering humanitarian aid, enhancing response capabilities, reducing the vulnerability of communities that are most severely impacted, using junior Red Cross volunteers to effect change in their local communities, and mobilising human and financial resources to strengthen societies' capacity for resilience.

In addition to setting up First Relief training sessions, blood donation drives, and blood banks, they also provide humanitarian aid during disasters, foster a sense of community among adolescents and students by setting up student group movements, and they have begun a project to combat tuberculosis.

Acknowledgements

I want to express my gratitude to BITS Pilani for providing me with this once-in-a-lifetime chance to work with a distinguished organisation like IRCS. I want to express my gratitude to the PS division for giving me the opportunity to gain first-hand knowledge of the web development industry.

I would especially like to thank IRCS for allowing me to work with them. I would like to express my gratitude to the PS faculty members Mr. Kamlesh Tiwari Sir, Mr. Vijaykumar Sir, and our Co-Instructor Manoj Kumar Sir for their support, for allowing me to work under their expert direction, and for taking time out of their busy schedules to assist us and guide us in the project.

For his advice and support throughout, a special thank you to Dilip Sir of the IRCS.

Abstract

The language, content, and everything on the Indian Red Cross Society's (IRCS) website are all in English. The general public is heavily involved in the IRCS's operations and activities, such as blood donation drives, Junior Red Cross and Youth Red Cross meetings, among other things. And the IRCS administrators decided that a system needed to be created so that users of any language could view the website in the language of their choice. People may not be fluent in English or may prefer regional languages, which is why this issue emerges. In order to update the website into regional languages like Hindi, Kannada, etc., we undertook this project. By doing this, we can broaden the Indian Red Cross Society's audience and make it easier for people to access the information they need when they need it.

Skill Set Requirements: HTML, Content Updation, Translation

Software and Websites: Visual Studio Code along with Live Preview extension, Google Translate, typingbaba.com

Expected Project Outcomes: Update the current website in 2 additional languages: Hindi and Kannada.

Project Description

The HTML framework that the IRCS Karnataka website is built on required that the source code be taken and modified to translate the content (written texts and photos) into Hindi and Kannada (two different text files use). Additionally, we are able to instantaneously see the changes performed by using the Live preview addon in VS Code.

The company will be able to connect with more districts and give the essential information with the installation of a toggle switch (for language change).

Expectations and Issues: Since the text and images will be altered, the slides in the placard format should be changed.

Cross-checking from other translation websites is a significant duty as well because Google Translate occasionally fails to effectively translate words, particularly Kannada.

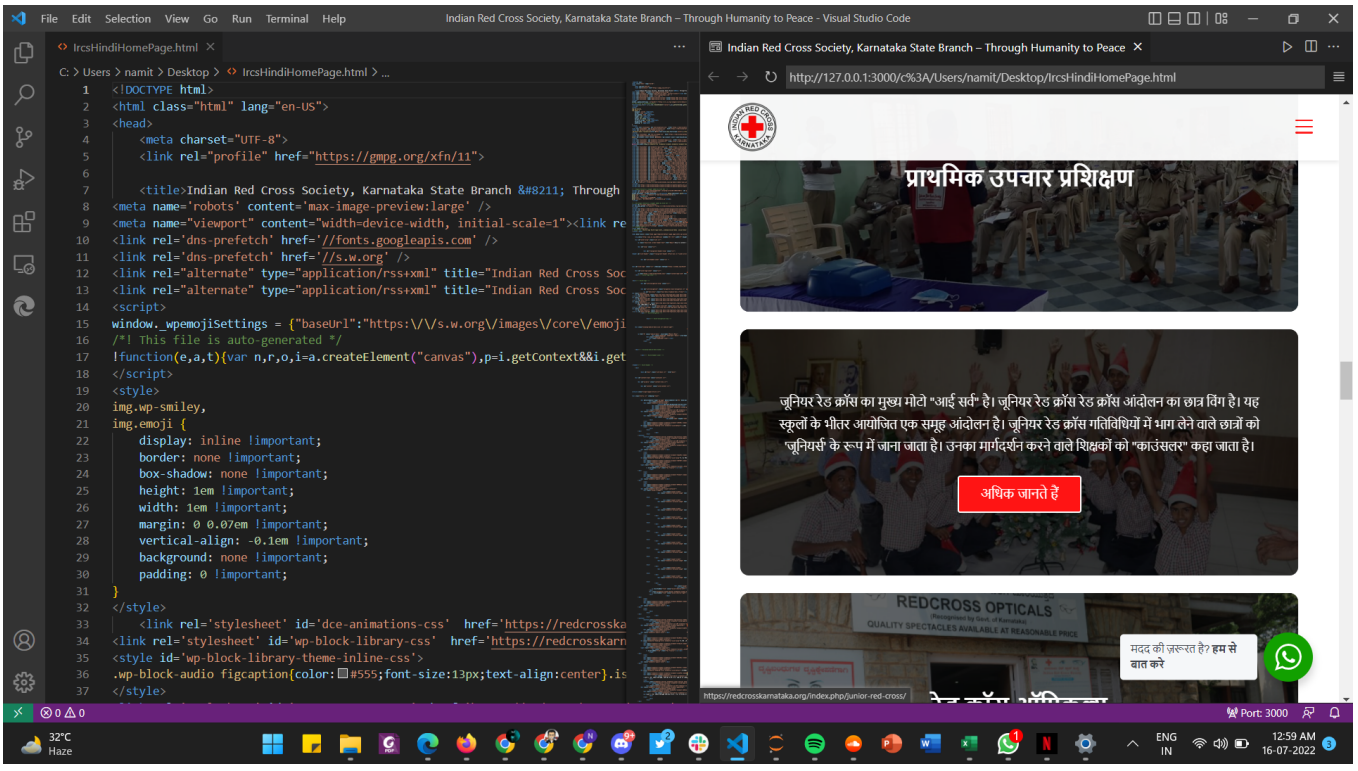
Project Accomplishments

- **<u>Hindi Files completed</u>** : Homepage, History of Ircs, Principles and Values, Government orders, Managing Committee Members of IRCS, KSB, Careers, bllod Center and Transfusions Services, Disaster response and Management, First Aid Training, Urban Family welfare Centre, Red Cross Opticals, Family News Service (Files attached in the mail)

- **<u>Kannada FIles completed</u>**: Homepage, Contact us

- Every component of the homepage, which visitors would see first, has been updated in the appropriate language.

- The information about the committee members is accurately displayed in the Hindi subfiles.

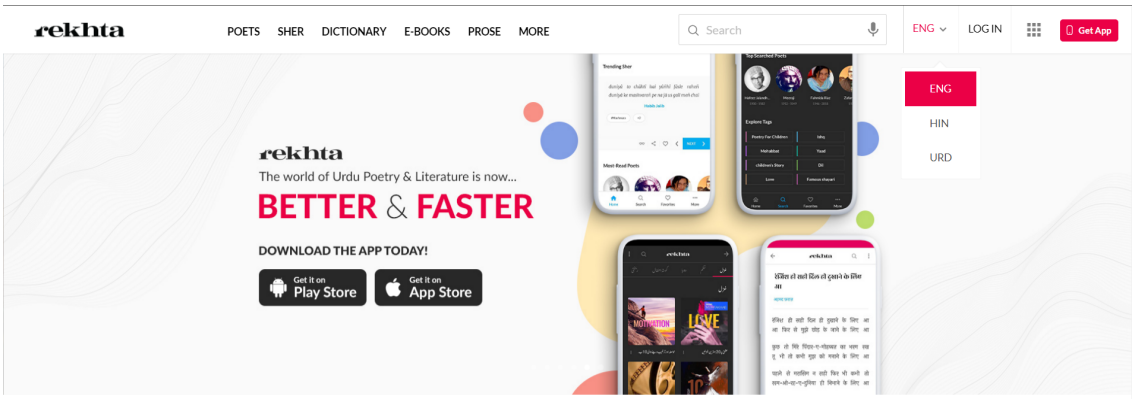


Homepage (each and every element is translated)

- There is no need to update any other requirements because the homepage source code contains some parts that are shared by other subfiles and can thus be copied and pasted directly.

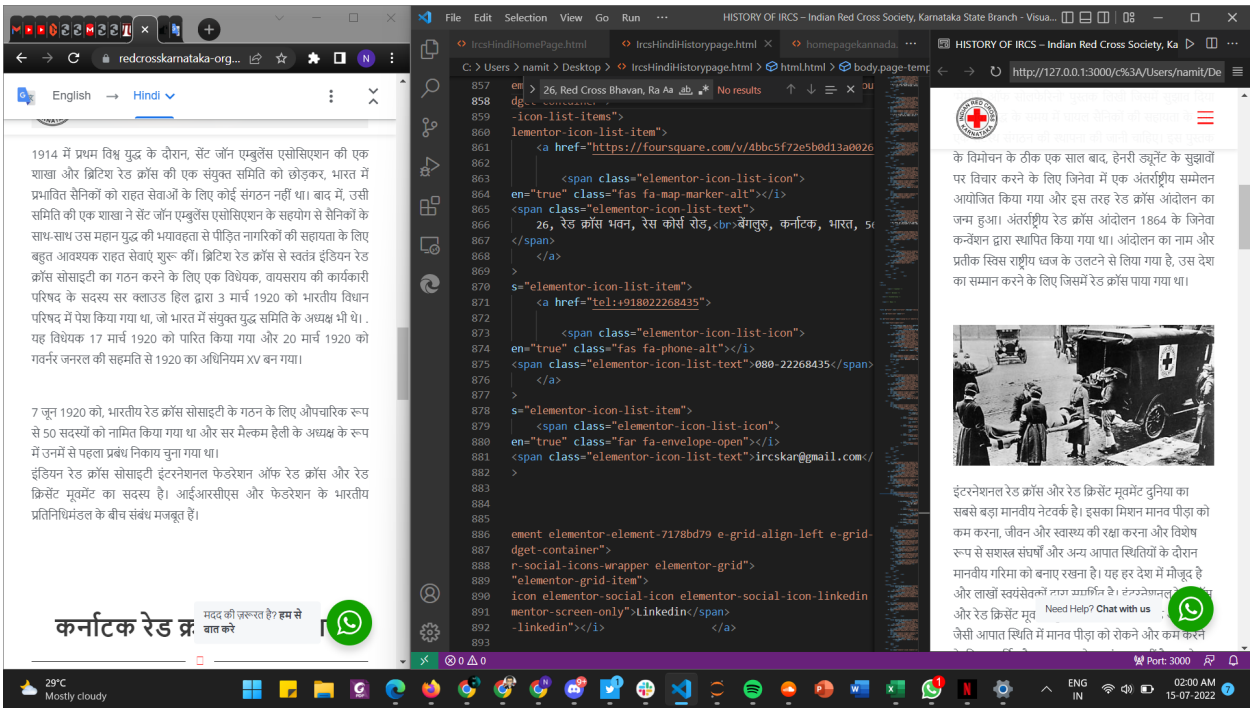
Project Hurdles

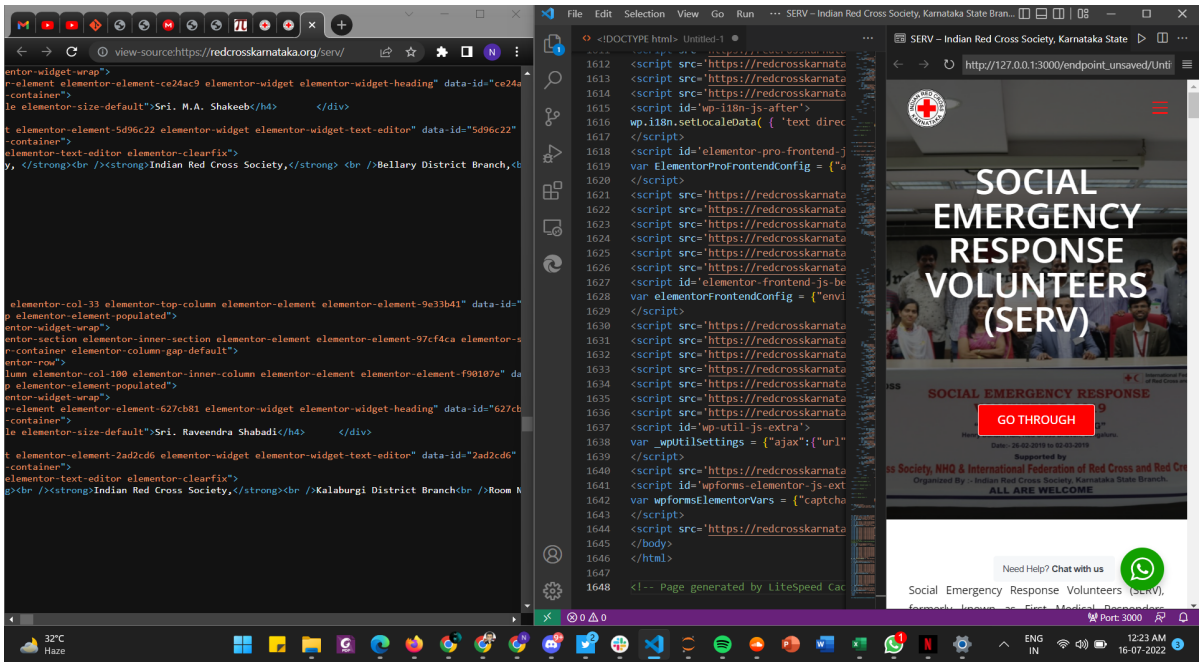
- Utilizing Rekhta.org as a model, the entire website could be translated between English, Hindi, and Kannada by adding a toggle option.
- Little pieces of the material (sections like the WhatsApp bot, headers, and bottommost area) in some subtext files have not been updated in the needed languages; for example, some of the content is still in English.
- Although the Kannada subfiles have not been finished, the Homepage and Contact us subpages have been taken care of.
- The website's anticipated picture/video update is not yet complete, and the content of the placard-styled slides has not been translated into Hindi and Kannada.

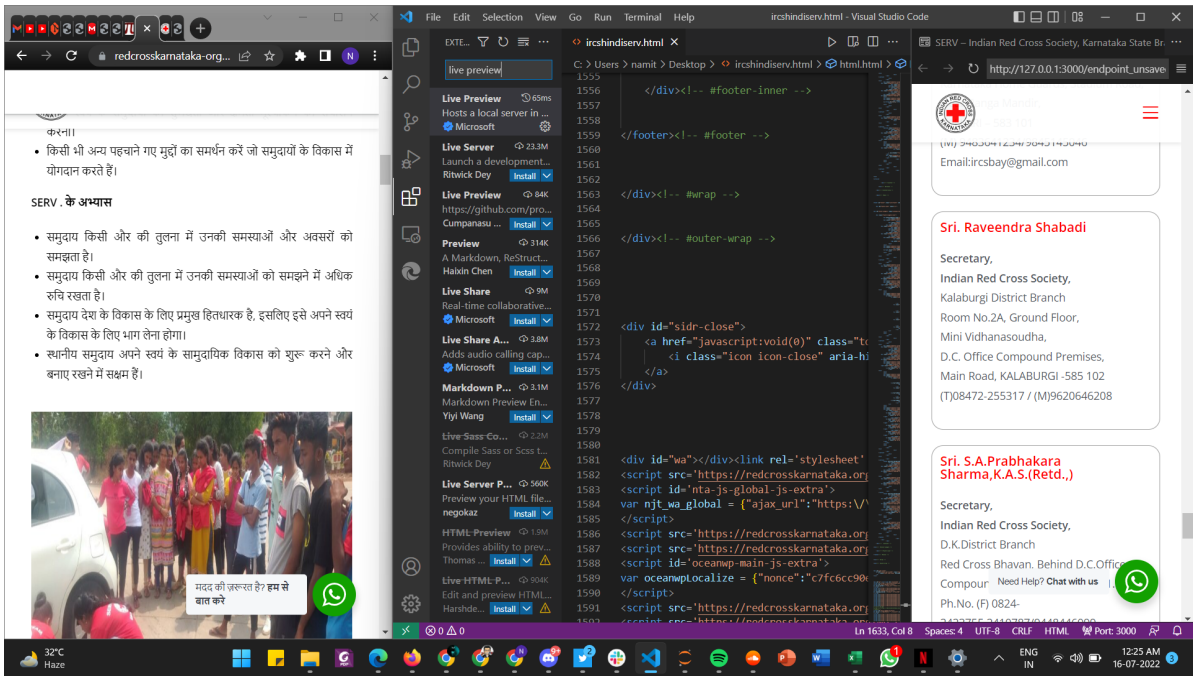


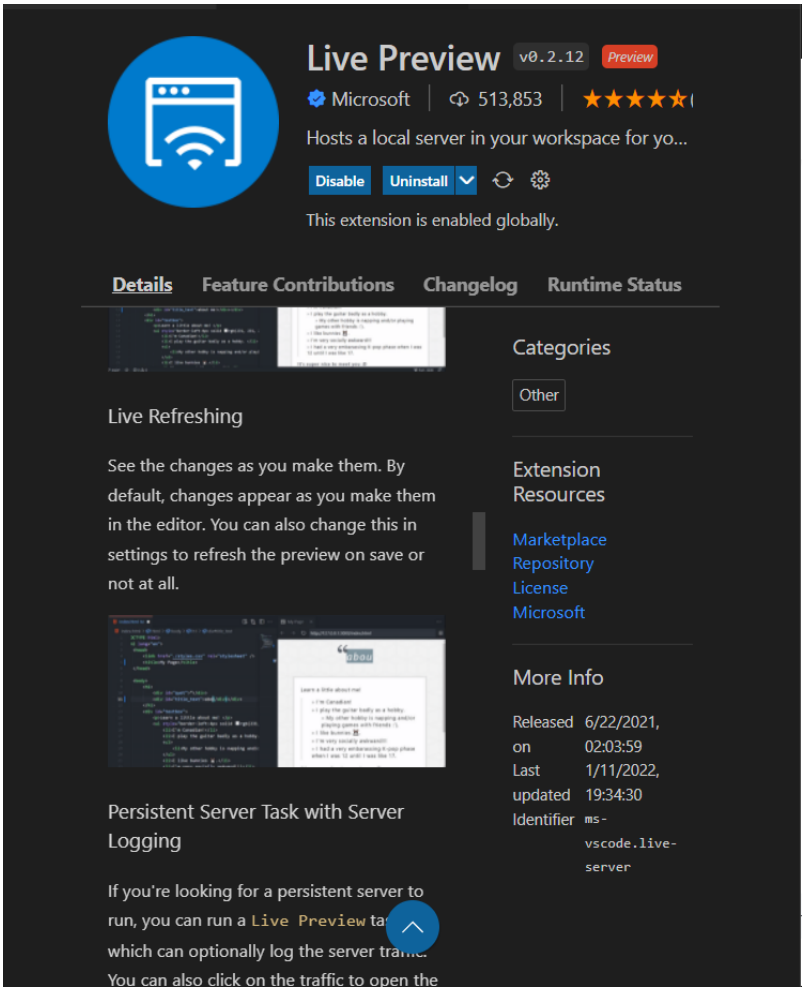
Top right side: A toggle switch to change the whole website's content in 3 languages.

Program Snippets and Files









Live Preview extension used to edit all the sub-pages of the website

Conclusion

The project's main goal is to give users the option of viewing the website in any language they choose, enabling them to quickly act in whatever way is necessary, whether it be in the event of an emergency such as an accident or health issue requiring first aid or for information about the various activities of the Indian Red Cross Society (IRCS). As a result, this endeavour broadens the website's audience and aids the general public in times of need.