

A Mini Project Report on

Handling issues in TheCyberWorld and Stampchat

Bachelor of Engineering

in

Information Technology

by

Ruchita Raut 19104033

Sakshi Shinde 19104055

Ayush Jain 18104005

**Under the Guidance of
Prof. Jayshree Jha**



Department of Information Technology

NBA Accredited

A.P. Shah Institute of Technology

G.B.Road,Kasarvadavli, Thane(W), Mumbai-400615

UNIVERSITY OF MUMBAI

2022-2023

CERTIFICATE

This is to certify that the project Synopsis entitled “***Handling Issues in TheCyber-World and StampChat***” Submitted by “***Ruchita Raut (19104033), Sakshi Shinde (19104055), Ayush Jain (18104005)***” for the partial fulfillment of the requirement for award of a degree ***Bachelor of Engineering in Information Technology*** to the University of Mumbai, is a bonafide work carried out during academic year 2022-2023

Prof. Jayshree Jha
Guide

Dr. Kiran Deshpande
Head Department of Information Technology

Dr. Uttam D.Kolekar
Principal

External Examiner(s)

1.

2.

Place: A.P. Shah Institute of Technology, Thane

Date:

Declaration

I declare that this written submission represents my ideas in my own words. I have adequately cited and referenced the original sources wherever other's ideas or words have been included. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

(Signature)

Ruchita Raut(19104033)
Sakshi Shinde(19104055)
Ayush Jain(18104005)

Date:

Acknowledgement

This project would not have come to fruition without the invaluable help of our guide Prof. Jayshree Jha. Expressing gratitude towards our HoD, Dr. Kiran Deshpande, and the Department of Information Technology for providing us with the opportunity as well as the support required to pursue this project. We would also like to thank our teacher Ms. Jayshree Jha who gave us her valuable suggestions and ideas when we were in need of them. We would also like to thank our peers for their helpful suggestions.

Abstract

The project focuses on contribution to open source site. There are many websites to search the issue and to get the opportunity to contribute open source, in our project we have search the issues from GoodFirstIssue website. The need for open source website and ways to contribute to it, is briefly understood and explained in the project. The process of contributing is through another open source platform "Github". In order to show add a question to the website, a Pull Request in Github needs to be created. The website will be updated with the coding problems which will be provided via code snippets in Github. Many of the users have a lot of issues while working with github. The help which they get online is usually through a command prompt. But, new users of github do not find it easier to work with it. To resolve these issue, First Contribution has come with the solution. Basically it provides the solution with the help of Graphical User Interface. It helps in the process of how to contribute to open source via Github. Our Project is "Handling issues in Thecyberworld and Stampchat" in this we have solve bugs related to these websites. The Thecyberworld is a community that help people to contribute to open source and arrange events for the developers, so that developers can be able to explore the other projects. StampChat is a secure open source communication platform that ensures messages can never be read by third parties. In both projects one of the issues we have tried to solve and has updated it.

Index

Contents

1	Introduction	6
2	Objectives	7
3	Problem Definition	8
4	Proposed System Architecture/Working	9
5	Design and Implementation	10
6	Conclusion	15
	References	16

1 Introduction

Many users encounter numerous problems while using GitHub. GitHub, Inc. is an Internet hosting service that uses Git for software development and version control. For each project, GitHub provides Git's distributed version control as well as access control, issue tracking, software feature requests, task management, continuous integration, and wikis. Open source software is software that has the source code available for anyone to inspect, edit, and improve. "Source code" is the component of software that most computer users never see; it is the code that computer programmers can update to alter how a piece of software—a "programme" or "application"—works. Programmers who have access to the source code of a computer software can improve it by adding features or fixing areas that don't always perform properly.

Open source contribution via GitHub has lot of process and criteria to be followed to accept the our contribution, in this report we have mention all the process on how to contribute and how to pull request for the contribution to be made.

TheCyberworld is a rapidly scale your development capabilities and deliver your project. We'll help you quickly scale up to meet your goals – taking care of day-to-day team management and task allocation. Save around 50 percentage on in-house resource and pay a simple monthly invoice, as and when you need extra support. When surfing the internet, your input data can be put into one website, but do we have any concrete idea that who can see it. The hacking community lies within the bottom layers of the internet and can be fishing for people's data with intentions to fix the security flaw or to steal the person's data for financial gain. It is important to classify these hackers and figure out where the line is between good and bad to further create restrictions and stop hackers from harming people's data.

StampChat has Tech Giants make billions off of our attention. We should have the power to determine what our attention is worth. Stamp is an new cryptomessagener Layer-2 tech to implement Web3 support on Lotus. StampChat is a secure open source communication platform that ensures messages can never be read by third parties. In both projects one of the issues we have tried to solve and has updated it.

2 Objectives

1. To contribute to an open source website.
The contribution was made to ThCyberWorld and Stampchat websites via Github.
2. To contribute to TheCyberWorld website via Github to help resolve the issues of real-time date of competitions schedule using Javascript.
3. To contribute to StampChat website via Github repository to help solve the issues of:
 - To make the navigation process fast
 - To save time to load the images
 - To increase the efficiency of siteusing JavaScript Lozad Library.
4. To learn how to contribute to open source website via Github and git to help resolve the bugs and contribute to computer society.

3 Problem Definition

We are all currently grappling with our programming abilities. Furthermore, everyone wants to take their first steps toward open source. Because the user works in a traditional manner, implementation takes longer. Implementing something incorrectly, even by accident, is a difficult aspect to manage. Many users encounter numerous problems while using GitHub. So it is really relevant to understand the process of contributing to open source website via Github which will help for the future betterment. Firstly in our project the problem identified in TheCyberWorld website was that, the events section does not show real-time dates for the upcoming and ongoing competitions. Secondly, in stampchat website the problem was images were not able to load fast while scrolling down.

4 Proposed System Architecture/Working

1. First of all we had fork the github repository of TheCyberWorld and Stampchat websites to our Github account.
2. Then we added both the code files in required folder of our local repository.
3. After that we made changes to code for resolving issues and commented the correct code in chat section of github to get idea how to solve.
4. Then we committed the code to owner's repository by merging the files.
5. Then we have created pull requests for both websites which indicates that there are no conflicts with main branch.
6. After the whole above process, the owner of the repository accepted the pull request, through which our code got added to the main branch of websites.

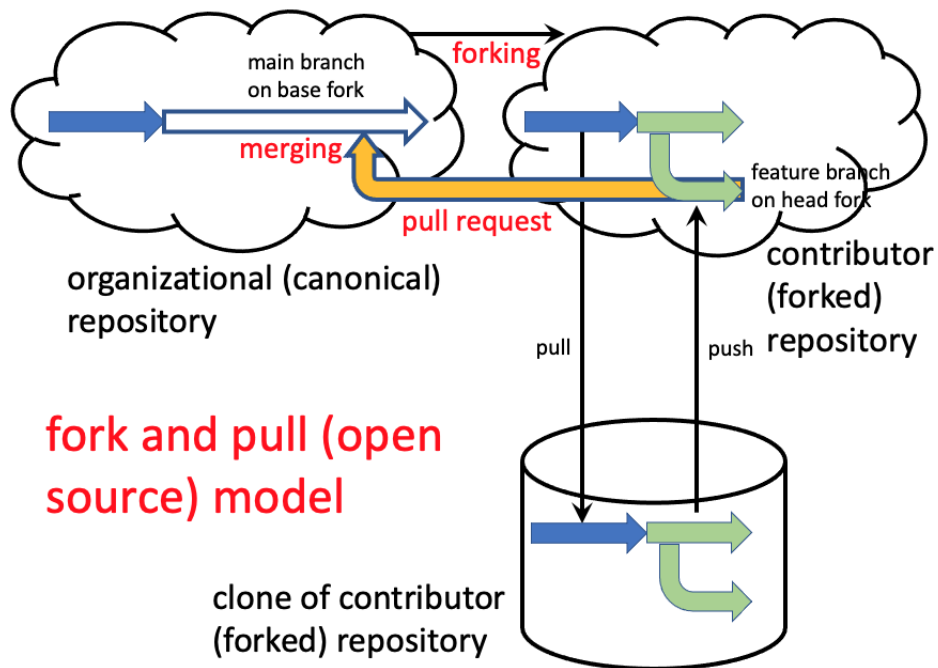


Figure 1: Contributing on Github

5 Design and Implementation

The implementation steps and design with results are displayed below:

Firstly, all the issues taken were posted on goodfirstissue.

The issues we tried to resolve are on following websites:

TheCyberWorld:

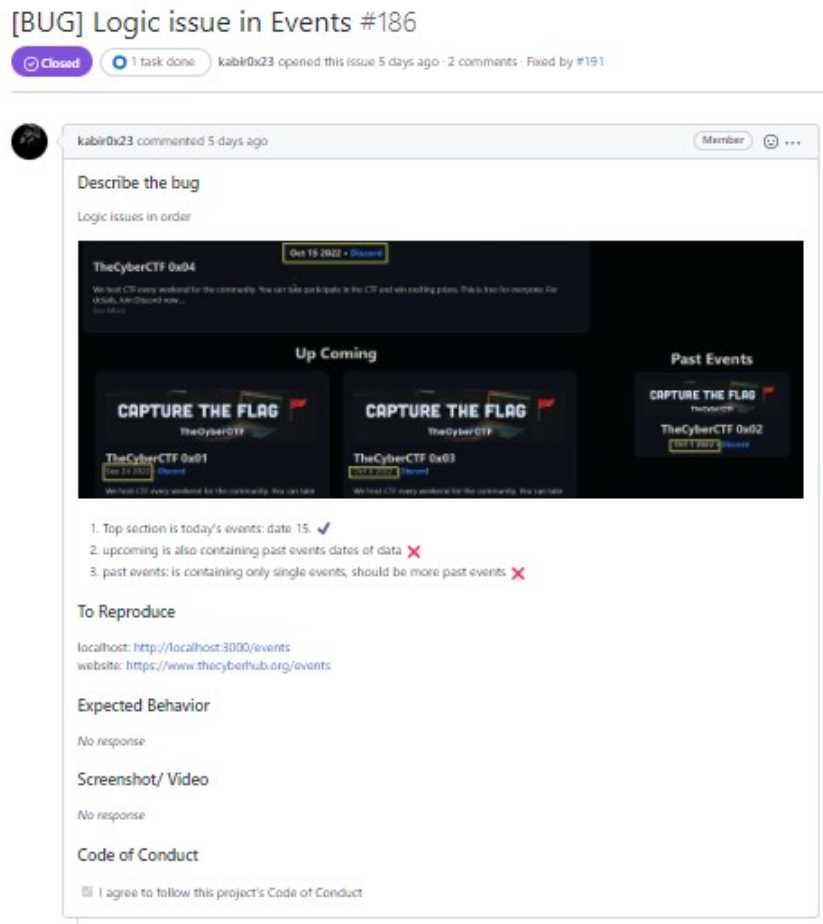


Figure 2: TheCyberWorld Website issue post on Github (critical bug)

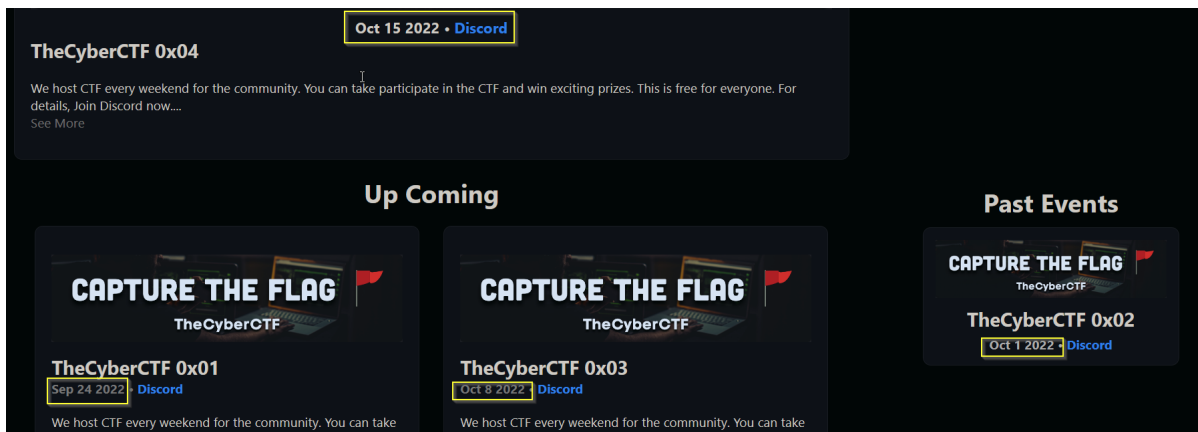


Figure 3: TheCyberWorld Website before solving the bug.

```

src/components/Events/Events.jsx
@@ -14,9 +14,21 @@ import {
14 EventsHeading
15 } from './EventsElement';
16
17 + // Here we formatted the date as in one form so that we can compare them
18 + function padTo2Digits(num) {
19 +   return num.toString().padStart(2, '0');
20 + }
21 + function formatDate(date) {
22 +   return [
23 +     padTo2Digits(date.getMonth() + 1),
24 +     date.getFullYear(),
25 +     padTo2Digits(date.getDate()),
26 +   ].join('/');
27 + }
28 + //Format date code ends here
29
30 const Events = () => {
31 - const todayDate = new Date(Date()).toLocaleDateString();
32 + const todayDate = new Date(Date());
33   const eventDate15 = "2022-10-15";
34   const eventDate8 = "2022-10-8";
35   // const date = new Date("2022/10/15");
36
37   @ -39,20 +51,20 @@ const Events = () => {
39   51 <MainEventsContainer>
40   52   <EventsHeading>Today's Events</EventsHeading>

```

Figure 4: Changes in code after committing the code on github repository.

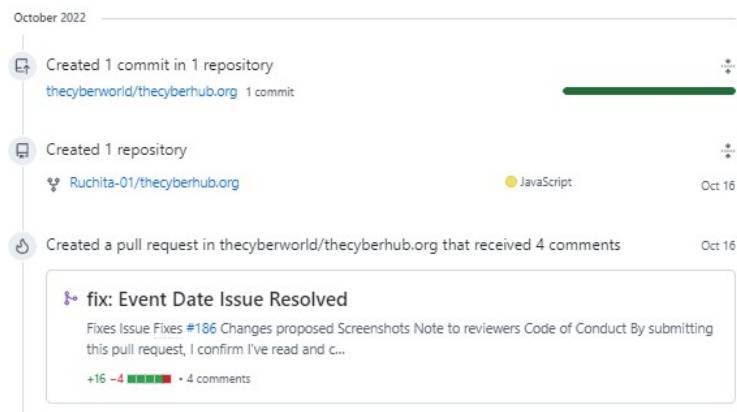


Figure 5: Merging of local branch to main branch.

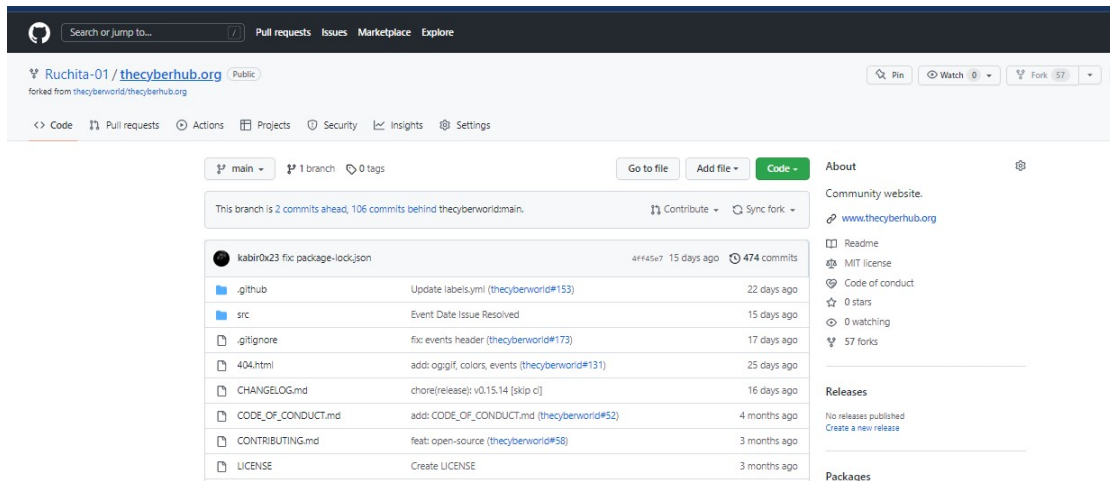


Figure 6: Commit Activity displayed on forked repository.

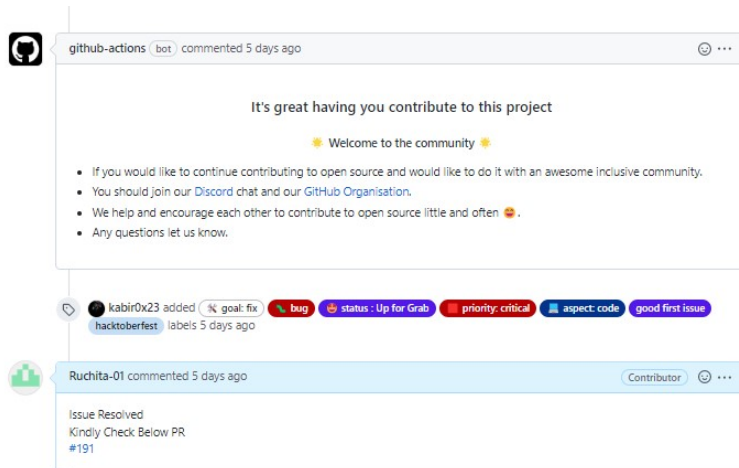


Figure 7: Contribution accepted by TheCyberWorld Developer.

StampChat:



Figure 8: GoodFirstIssue StampChat Issue Raised

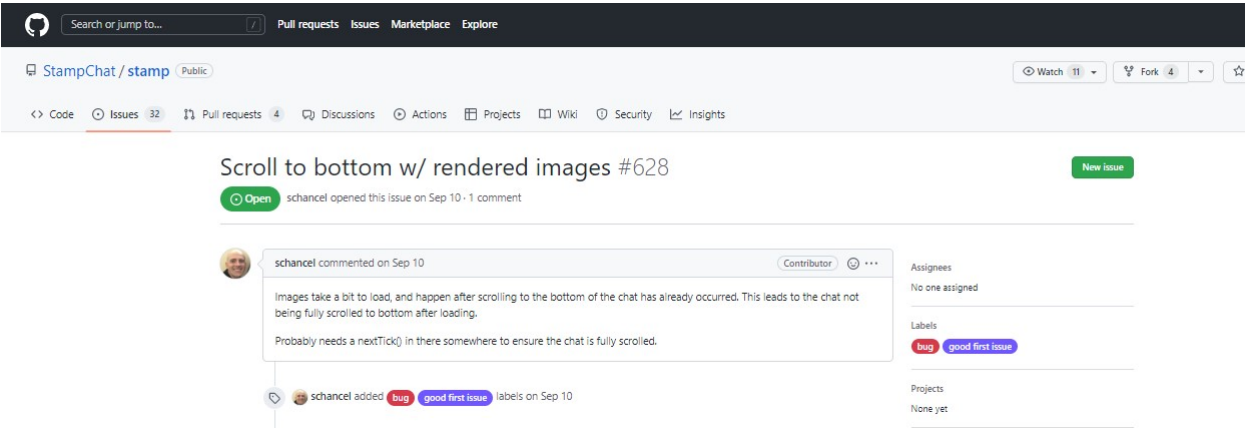


Figure 9: StampChat Issue on Github

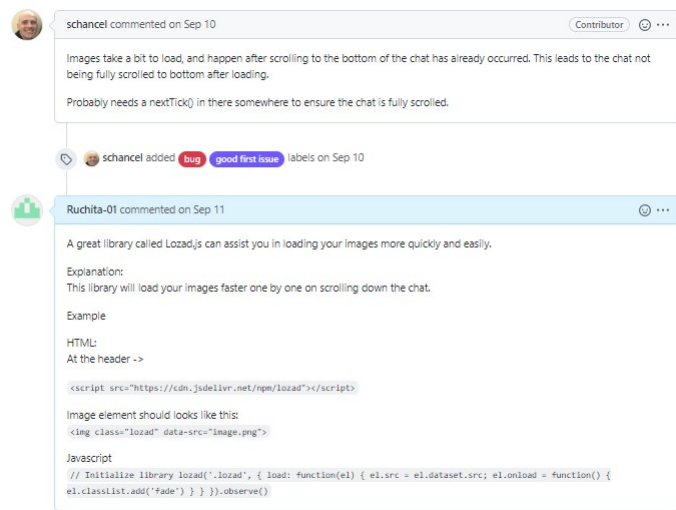


Figure 10: StampChat Code for solving Issue (commented In chat)

6 Conclusion

he work presented in this report is related to GitHub commits and Pull request as a contribution to open source websites TheCyberWorld and StampChat.

- In conclusion, open source technology was used with the help of GitHub.
- The contribution to the open source tech-world via our project, was intended to be beneficial for development of skills.
- Step-by-step process for contribution to the open source websites are mentioned in the report of our project.

References

- [1] <https://goodfirstissues.com/>
- [2] <https://www.w3schools.com/git/>
- [3] <https://opensource.guide/how-to-contribute/>
- [4] <https://www.dataschool.io/how-to-contribute-on-github/>