
Beta Testing Document

for

ClubZen IITK

Version 1.0

Prepared by

Group 12

Akash Biswas
Avinash Prased
Chandekar Vidish Vijay
Harshit Gupta
Jaya Meena
Nikhil Verma
Priyal Agrawal
Priyanka Meena
Shreyasi Mandal
Vartika

200074
200231
200291
200429
200472
200637
200730
200731
200956
201089

Group Name: Tiny Coders

abiswas20@iitk.ac.in
avinashp20@iitk.ac.in
cvvijay20@iitk.ac.in
guptah20@iitk.ac.in
jayameena20@iitk.ac.in
nikhilv20@iitk.ac.in
priyalag20@iitk.ac.in
priyankam20@iitk.ac.in
shreyansi20@iitk.ac.in
vartikaq20@iitk.ac.in

Course: CS253

Mentor TA: Aishwarya Gupta

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Revisions

Version	Primary Author(s)	Description of Version	Date Completed
1.0	Tiny Coders	Beta Testing for Group 13	22/04/22

1 Introduction

SOFTWARE OVERVIEW

The purpose of the project is to provide a single digital platform where the students of IITK will be able to know about all the clubs and events and workshops under the clubs.

The main feature of the project is registration to an event. this helps students to register to an event or workshop. It also is helpful for Secretaries and Coordinators to organize the events.

This software is intended as a platform for students and clubs to interact in a better way. The software will enable every student to have an account for his/her activities in each club recorded. Candidates are not required to fill a verification form to mention in their resume about the work done in clubs/fests. All the verified activity would be available in the student profile and students can directly share it to show their work. It will also enable the students to request/apply for participation in any Club event or project and clubs can either accept/reject a candidate using the platform. Coordinators and secretaries of a club have access to process the requests from students. It will help Coordinators and Secretaries identify candidates for posts in their clubs based on a student's participation and enthusiasm in past club events.

Software is designed as replacement for certain existing pages with some new features. It provides a better opportunity to the students to work with different clubs. Students will be able to know about the events conducted by the clubs and so that they can participate .Students can see their participation in profile section after login.

2 List of Reported Bugs

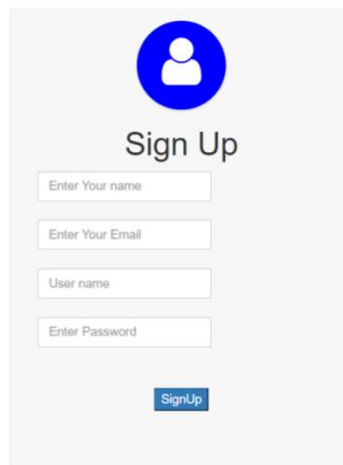
BUG 1

Tested Feature : Signup (Creation of New Account) - Root password issue

Tested Name : Avinash Prasad

Testing Date : 17/04/2022

Bug Details : Exception caught in the root password. Either the root password given is wrong or there is some other bug.



atal error: Uncaught mysqli_sql_exception: Access denied for user 'root'@'localhost' (using password: YES) in C:\xampp\htdocs\clubs_iitk\signup.php:144 Stack trace: #0 C:\xampp\htdocs\clubs_iitk\signup.php(144): mysqli_connect('localhost', 'root', 'root', 'clubs_iitk', '3308') #1 {main} thrown in C:\xampp\htdocs\clubs_iitk\signup.php on line 144

Bug Report Date : 17/04/2022

Has the bug been fixed? Apparently, it has to be fixed individually for each user and no details for anything such has been given in the Readme in their repository.

Date of Bug fixing : NA

Comments :

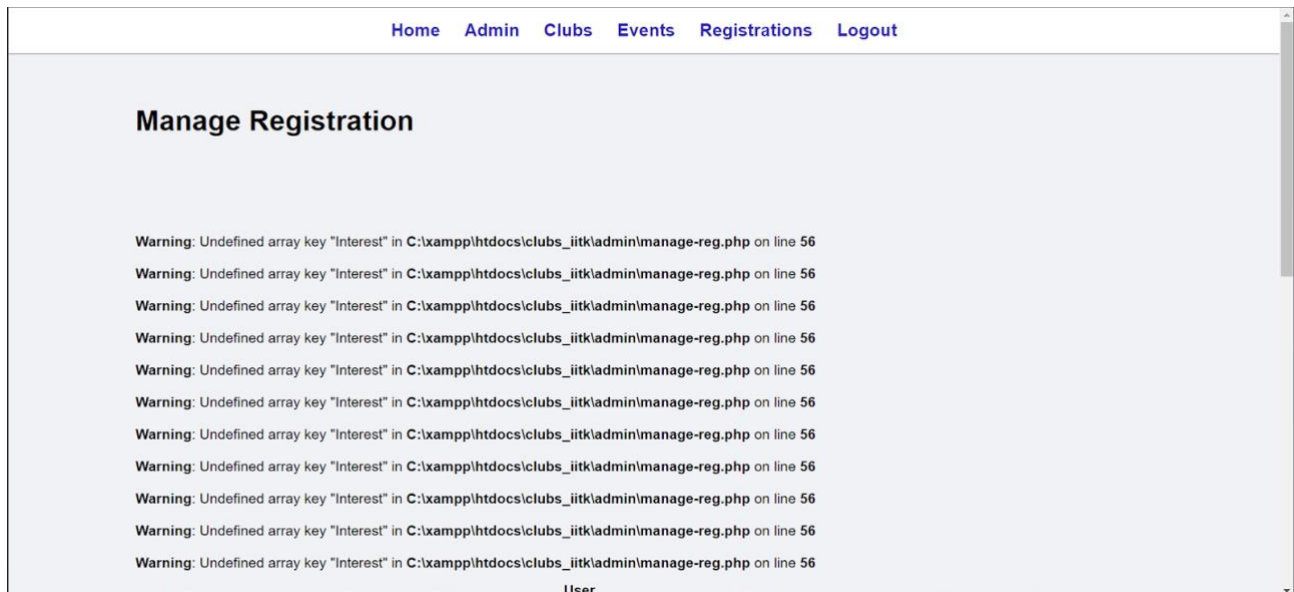
BUG 2

Tested Feature : Admin Registration - Received Unknown Errors

Tested Name : Nikhil verma

Testing Date : 17/04/2022

Bug Details : Undefined and irrelevant warnings on the registrations page come up which are of no use to the general user.



Bug Report Date : 17/04/2022

Has the bug been fixed? No

Date of Bug fixing : NA

Comments :

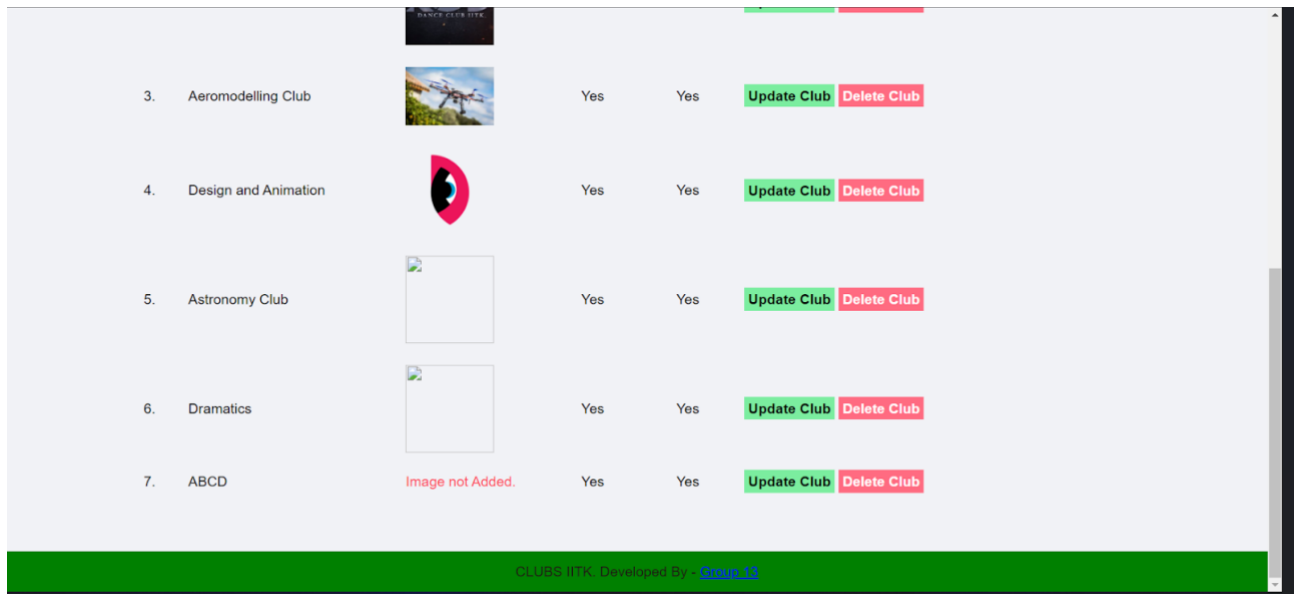
BUG 3

Tested Feature : Clubs and Events - Different styles of display

Tested Name : Avinash Prasad

Testing Date : 17/04/2022

Bug Details : The clubs - “Astronomy” and “Dramatics” had a bug in displaying their images. The same problem was encountered with the list of events.



Bug Report Date : 17/04/2022

Has the bug been fixed? No

Date of Bug fixing : NA

Comments :

BUG 4

Tested Feature : Deletion of Clubs - Issue in deleting a club without image

Tested Name : Vartika

Testing Date : 17/04/2022

Bug Details : There is no compulsion to add an image to a club page. But a club cannot be deleted if it has no image provided with it.

Bug Report Date : 17/04/2022

Has the bug been fixed? No

Date of Bug fixing : NA

Comments :

3 Overall Quality of the Software

1. How good is the user manual? Was it easy to install and run the software?

The user manual is not up to the mark.

We found it really hard to install and run the software. It was hard to configure the setup of XAMPP. As per the instructions provided in the Readme file, we ran to different errors.

```
Fatal error: Uncaught mysqli_sql_exception: Unknown database 'clubs_iitk' in C:\xampp\htdocs\CLUBS_IITK\config\constants.php:13 Stack trace: #0 C:\xampp\htdocs\CLUBS_IITK\config\constants.php(13):  
mysqli_select_db(Object(mysqli), 'clubs_iitk') #1 C:\xampp\htdocs\CLUBS_IITK\index.php(4): include('C:\xampp\htdocs\...') #2 {main} thrown in C:\xampp\htdocs\CLUBS_IITK\config\constants.php on line 13
```

```
Fatal error: Uncaught mysqli_sql_exception: Access denied for user 'root'@'localhost' (using password: YES) in C:\xampp\htdocs\CLUBS_IITK\config\constants.php:5 Stack trace: #0  
C:\xampp\htdocs\CLUBS_IITK\config\constants.php(5): mysqli->__construct('localhost', 'root', 'root', 'clubs_iitk', '3306') #1 C:\xampp\htdocs\CLUBS_IITK\index.php(4): include('C:\xampp\htdocs\...') #2 {main} thrown in  
C:\xampp\htdocs\CLUBS_IITK\config\constants.php on line 5
```

We had to figure out on our own that the software is able to run only after removing the root password in the /config/constants.php file.

Moreover, things like "naming the database in a particular way for the software to work" and "changing port number before running MySQL in XAMPP" are not mentioned.

2. How is the quality of the code? Is it well documented? Is the code modular? Are the variables and the function names meaningful?

The code is short and easy to understand.
The code is not fully modular.

While you can see different category folders and small functional codes in it, some major document restructuring has to be done to put the proper functionalities into their proper place.

Function names are fully meaningful but variable names are confusing. In some places, short forms of names are used while in some places, it's hard to understand the context of the variable in the given function.

3. Do you think that the software lacks some major features that may make it less acceptable to the user?

Some features like Calendar , forgot password , availability of Coordinator and Secretary may be required by the user, which is not currently available.

4. Does the software not satisfy any major non-functional requirements?

- Sign up to the page can be done using any general email id but it was intended only for the college email ids.
- No forgot password option has been provided in the software for any user.
- There is no option for report generation of different activities of the club mentioned anywhere and there is no mention of keeping track of these records.
- Recovery of an incomplete or broken request is unavailable in case some disruption occurs in the connection between the user and the system.

Appendix A - Group Log

S. no.	Date	Timing	Description
1	17/04/2022	6 pm - 8 pm	Met in person with the group members of group-13 , tested their software and raised issues on GitHub profile.
2	19/04/2022	7 pm-9 pm	Discussed the bugs raised by their group members and fixed all the issues.
3	21/04/2022	5:15 pm - 6:30 pm	Collaboratively proceeded with the Beta testing document. .