
Beta Testing Document

for

Elysium

Version 1.0

Prepared by

Group: 6

K S U Rithwin
R V S Havish
Mahanthi Vijay Kumar
G N L Mahathi
Rohan Aditya
Rushikesh Chary
Raj Vinayak Meena
Laveti Bhanu Prakash
Sai Dishanth
Ravula Harshith Sai
Gowtham Chand

Group Name: Code Crafters

220537	ksupendra22@iitk.ac.in
220879	rviswas22@iitk.ac.in
220602	mvijay22@iitk.ac.in
220395	gnagal22@iitk.ac.in
220741	praditya22@iitk.ac.in
220336	drushikesh22@iitk.ac.in
220861	rajvm22@iitk.ac.in
220583	lbhanu22@iitk.ac.in
220282	banoths22@iitk.ac.in
220878	ravula22@iitk.ac.in
220313	cgchand22@iitk.ac.in

Course: CS253

Mentor TA: *Sarthak*

Date: 15 April, 2024

CONTENTS.....	II
REVISIONS.....	II
1 INTRODUCTION.....	3
2 LIST OF BUGS.....	4
3 OVERALL QUALITY OF THE SOFTWARE.....	11
APPENDIX A - GROUP LOG.....	13

Revisions

Version	Primary Author(s)	Description of Version	Date Completed
1.0	CodeCrafters	Initialized the document and added the necessary details,updated the document regarding the bugs' status.	14/04/23

1 Introduction

The platform created by this team offers a comprehensive solution to the challenges faced by individuals seeking to access sports and mental well-being facilities within their institution. Through a user-friendly interface, the app streamlines the process of reserving facilities and equipment, reducing the stress associated with long queues and cumbersome booking procedures.

Notably, the app introduces innovative features such as a court booking system and a ranking system to facilitate friendly competition among users. Additionally, it caters to beginners by offering tutoring options (YouTube videos) with experienced coaches and influencers, ensuring an inclusive environment for individuals of all skill levels.

With secure payment options using SBI payment and integration with various facilities and services, the app serves as a one-stop solution for users to access both physical and mental well-being infrastructure conveniently. This includes access to professional counsellors who can provide support and guidance for individuals facing mental health challenges.

For coaches and administrators, the platform offers tools for efficient facility management and data analysis to drive improvements. Overall, the app aims to foster an enthusiastic community within the institution by promoting access to well-being resources. It's commendable that the team has made this valuable resource freely available to all users, prioritizing the well-being of the campus community."

The image below describes the functions provided by the platform (Elysium):-



2 List of Reported Bugs

BUG 1: Issue in scrolling of side panel

Tested Feature: Logout

Tester Name: Gowtham Chand

Testing Date: 03/04/2024

Bug Details: In some of the laptops (specifically small-screen laptops), the side panel is not visible completely. Buttons at the end, i.e. the last options like logout and other buttons are not accessible.

Bug Report Date: 04/04/2024

Has the bug been fixed? YES

Date of Bug fixing: 06/04/2024

BUG 2: Issue in showing booking slots of past date

Tested Feature: Counsellor appointment booking

Tester Name: RVS Havish

Testing Date: 04/04/2024

Bug Details: When you try to make an appointment with counsellors on 6 April it shows a slot to book an appointment on 4 April.

Bug Report Date: 06/04/2024

Has the bug been fixed? NO

Date of Bug fixing: N/A

BUG 3: Issue in the status of appointments of past days

Tested Feature: Counsellor appointment status

Tester Name: RVS Havish

Testing Date: 05/04/2024

Bug Details: The appointment for counsellors booked on 4th April still shows as pending even on 6th April it should show rejected if it does not get accepted.

Bug Report Date: 07/04/2024

Has the bug been fixed? YES

Date of Bug fixing: 12/04/2024

BUG 4: Time slot clashing in the Gym and Swimming section.

Tested Feature: Clash in timings of Gym and Swimming.

Tester Name: RVS Havish

Testing Date: 05/04/2024

Bug Details: There's inconsistency in error message generation: while booking under the same time slot in some sections like badminton/tennis triggers an error message ('time slots clashed'), it's not generated in swimming/gym sections.

Bug Report Date: 07/04/2024

Has the bug been fixed? YES

Date of Bug fixing: 14/04/2024

BUG 5: Issue in status.

Tested Feature: Booking Notifications for User2.

Tester Name: Rushikesh Chary

Testing Date: 05/04/2024

Bug Details: When User1 books a slot with User2, User2 does not get any information regarding the booking. i.e., he/she is not informed regarding the booking. It's not shown in his/her profile.

Bug Report Date: 04/04/2024

Has the bug been fixed? YES

Date of Bug fixing: 14/04/2024

BUG 6: Issue in counselors section

Tested Feature: Availability of Booking Slots.

Tester Name: RVS Havish

Testing Date: 05/04/2024

Bug Details: Booking slots of passed days should not be available to users.

Bug Report Date: 06/04/2024

Has the bug been fixed? YES

Date of Bug fixing: 14/04/2024

BUG 7: Show pass option in gym and swimming section.

Tested Feature: "Show Pass" option in Gym and Swimming Section

Tester Name: RVS Havish

Testing Date: 05/04/2024

Bug Details: The page doesn't update immediately upon clicking the "Show Pass" option; it requires a page refresh for the changes to take effect.

Bug Report Date: 06/04/2024

Has the bug been fixed? YES

Date of Bug fixing: 12/04/2024

BUG 8: Missing forgot password option

Tested Feature: Changing password if user forgets his/her password

Tester Name: Rushikesh Chary

Testing Date: 04/04/2024

Bug Details: There is no forgot password option in the website.

Bug Report Date: 04/04/2024

Has the bug been fixed? YES

Date of Bug fixing: 13/04/2024

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 provided comprehensive instructions, covering installation and software operation. However, upon attempting to log in using the provided credentials for counselors, super users, admins, and sports coaches, it was found that the usernames and passwords were invalid, resulting in login failure.

The installation process for the software was relatively straightforward. The provided setup wizard guided us through the necessary steps, including specifying installation directories and configuring basic settings. Once installed, launching the software was as simple as double-clicking the desktop shortcut.

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 appears to be concise and understandable, which is beneficial for readability and comprehension. However, it lacks full modularity, making it challenging to maintain and scale effectively. Although the code is organized into category folders with smaller functional codes, further restructuring is necessary to ensure that each functionality resides in its appropriate module.

Function names are clear and meaningful, aiding in understanding their purpose, but there seems to be inconsistency in variable naming conventions. Some variables use abbreviations, while others lack clarity within their respective functions.

Overall, the code shows potential but could benefit from enhancements in modularity, consistency in naming conventions, and documentation to improve maintainability and comprehension.

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

The software appears to be missing very few critical features that could greatly impact user satisfaction and adoption.

Furthermore, the search functionality within the leaderboard is limited. Users are required to input the full name exactly as it appears, with no allowance for partial matches. This limitation could significantly impede user experience, especially when trying to locate specific individuals.

Another notable missing feature is the inability to delete booked slots. This could be crucial for managing schedules effectively, as users may need to modify their appointments or free up slots for others. Additionally, the lack of notifications when someone else books a slot with a user is a significant oversight. This omission could lead to confusion and scheduling conflicts, as users may not be aware of changes made to their appointments by others.

Addressing these shortcomings and implementing these essential features would greatly enhance the software's usability and overall user experience, fostering greater acceptance and satisfaction among its user base.

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

The software appears to fall short of satisfying several major non-functional requirements. Specifically, it fails to meet the criteria for enforcing strong password policies. While the requirement states that weak passwords, defined by various qualities such as length of less than 8 characters or solely containing lowercase/uppercase alphabets, should not be allowed, the software does not enforce such restrictions. Users can set passwords like "123" without any indication or encouragement to create stronger passwords.

Appendix A - Group Log

SL. no.	Date	Timings	Venue	Description
1.	03/04/2024	3 pm - 6 pm	RM Building	Start to find the bugs in the website and start to report them on GitHub.
2.	04/04/2024	4 pm - 6 pm	RM Building	Find all the bugs and report them on github.
3.	12/04/2024	4:30 pm - 6 pm	RM Building	Completed the first draft of the beta testing document and then discussed improving it further.
4.	14/04/2024	6:30 pm - 8 pm	RM Building	Completed the final draft and reviewed it and also made the suggested changes during the meeting.