

ICT PROJECT REPORT



**Design, Manage, and Publish
A Website Using GitHub**

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Class/Section: BSIT – 1B

Table of Contents

1.	Introduction.....	1
2.	Objective.....	1
3.	Tools Used:.....	1
4.	Website Structure:	1
4.1	Homepage (index.html)	1
4.2	Pricing Page (pricing.html)	2
4.3	Booking Form Page (form.html)	3
4.4	Gallery Page (gallery.html)	3
4.5	About Page (about.html)	4
5	Version Control & GitHub Usage.....	4
6	Deployment Using GitHub Pages.....	6
7	GitHub Repository Link.....	6
8	Live Website Link (GitHub Pages)	6
9	Conclusion:.....	6

Indoor Gaming/Sports Arena Website

1. Introduction

This project is a web-based application titled Sports Arena Booking System, created using HTML, CSS, and JS. The purpose of this website is to offer users an easy platform to explore different sports facilities and book their desired games online. The system features multiple web pages, including a homepage, about page, gallery, booking form, and a booking table page. All changes during development were continuously pushed to a GitHub repository, allowing version tracking, collaboration, and online deployment using GitHub Pages.

2. Objective

The main goals of the project are:

- To create a responsive and user-friendly website for sport activity booking.
- To display real sports facilities through a gallery section.
- To capture booking requests using a form page.
- To track the full development process with GitHub repository updates.
- To Deploy Website Using GitHub Pages.

3. Tools Used:

Category	Technology
Development	HTML5, CSS3, JavaScript
Version Control	Git & GitHub
Deployment	GitHub Pages

4. Website Structure:

4.1 Homepage (index.html)

- Acts as the landing page.
- Contains navigation links to About, Gallery, Booking Form & Table.
- Uses style.css for layout, hero banner background (arena.png), and responsive UI.

Indoor Gaming/Sports Arena Website

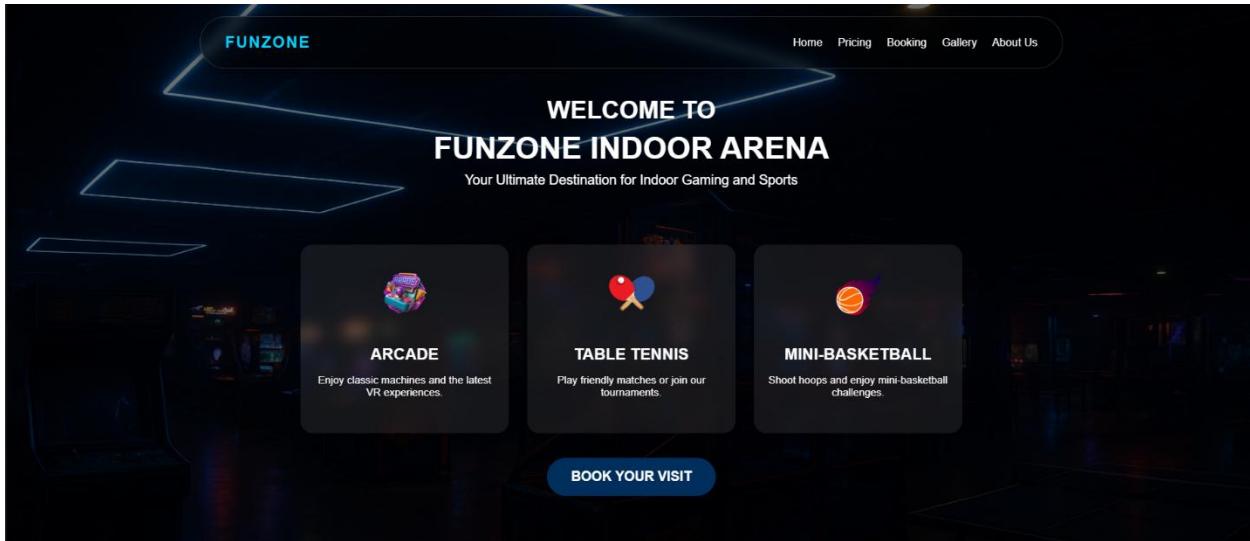


Figure 1 : Homepage

4.2 Pricing Page (pricing.html)

- Displays pricing information for all available activities.
- Displays pricing information for Different membership plans.
- All Pricing Cards Connected to Booking Page.
- Styled using **pricing.css**.
- Gives users a clear idea of charges before booking.
- Contains responsive design for mobile users.

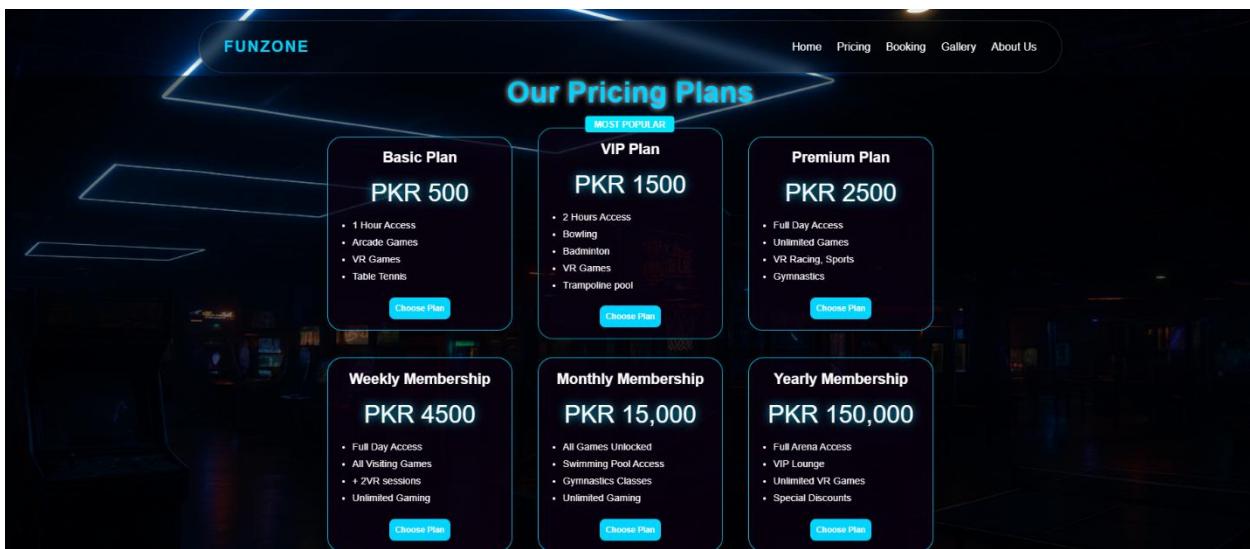


Figure 2: Price Page

Indoor Gaming/Sports Arena Website

4.3 Booking Form Page (form.html)

- Booking page is based on Form tags.
- Takes Input from user for name, email, contact, date, activity, etc.
- Gives Booking Confirmation using JavaScript.
- Styled using External CSS (form.css)

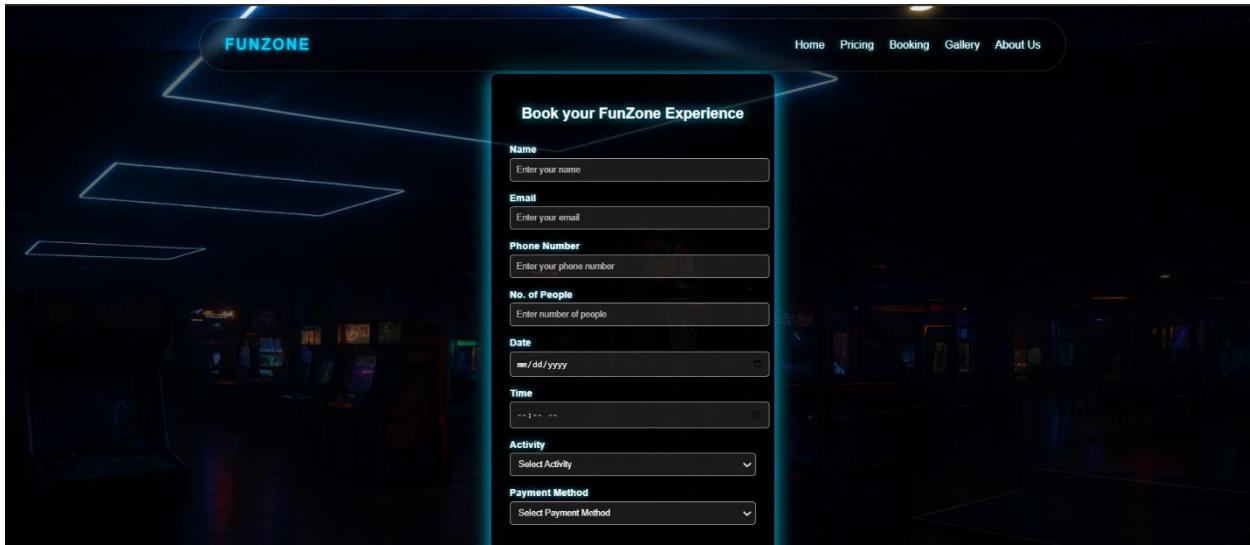
A screenshot of the booking form page. The background features a dark, neon-lit indoor sports arena with a basketball hoop and a ping pong table. A circular "FUNZONE" logo is in the top left. The main content is a light blue form titled "Book your FunZone Experience". It includes fields for Name, Email, Phone Number, No. of People, Date, Time, Activity, and Payment Method. A "Home" button is at the bottom right of the form.

Figure 3: Form Page

4.4 Gallery Page (gallery.html)

- Shows images of sports and game facilities.
- Gives user idea about the environment of our facilities.
- Grid-style layout using external CSS gallery.css.

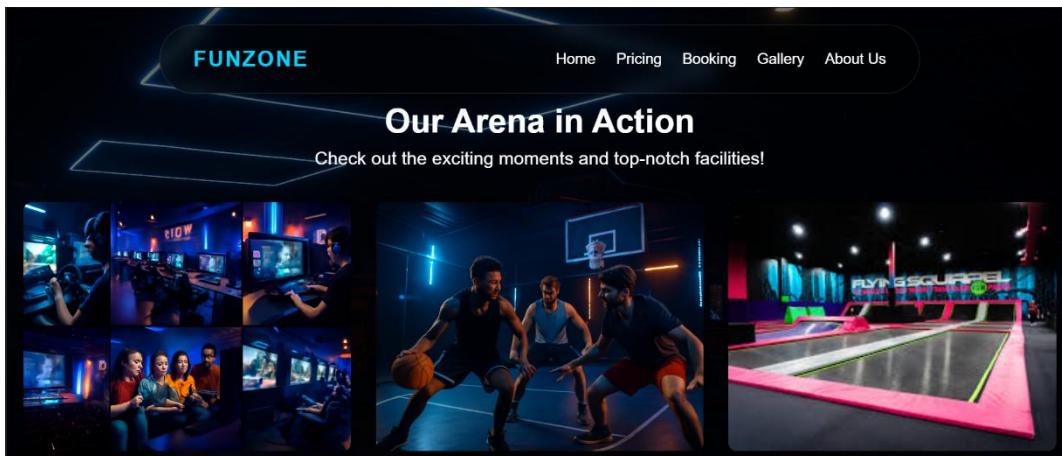


Figure 4: Gallery Page

Indoor Gaming/Sports Arena Website

4.5 About Page (about.html)

- Details about the sports arena and facilities.
- Describes purpose and mission.
- Contact and Location information of Arena.

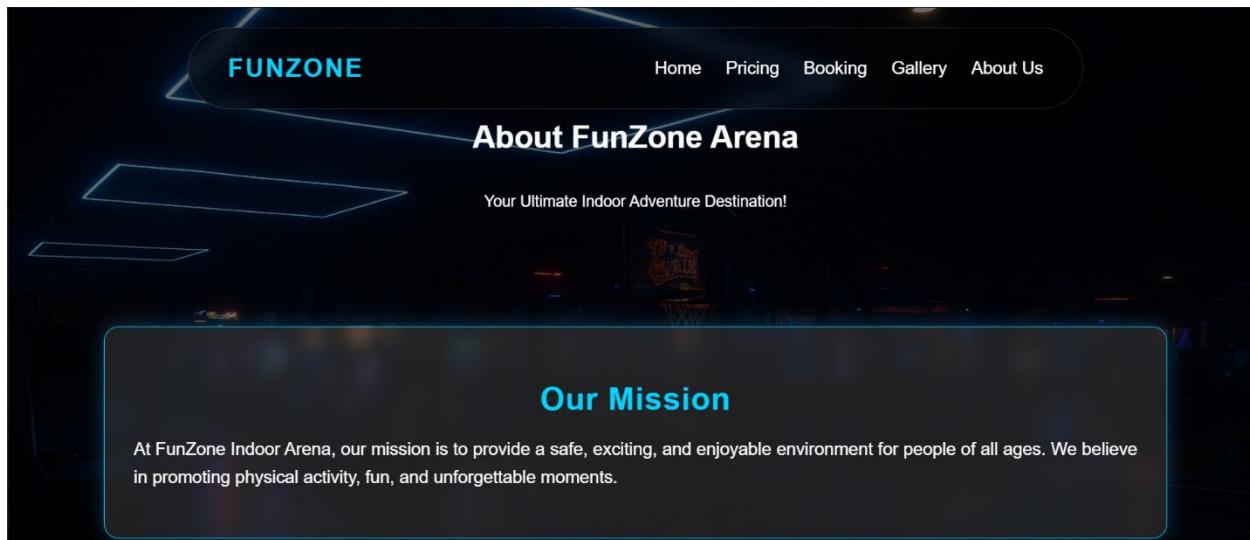


Figure 5: About Page

5 Version Control & GitHub Usage

Throughout the development process, Git and GitHub were used to manage source code.

- Before Starting the Development process the project was properly planned using GitHub Project Board.
- Tasks were assigned equally among team members.
- After every modification (HTML, CSS, Images), changes were:
- Committed by every team member.
- Pushed to GitHub repository
- GitHub provided:
 - Online code backup
 - Collaboration support
 - Version history tracking

Indoor Gaming/Sports Arena Website

This practice ensured our project code remained safe, trackable, and accessible from anywhere, making evaluation easier for our instructor.

The screenshot shows a project board titled '@muhammadharisnoor's Website Project Board'. It has three columns: 'Todo' (2 items), 'In Progress' (2 items), and 'Done' (5 items). Each item includes a title, a brief description, and a circular progress indicator.

Category	Item Title	Description	Status
Todo	ICT-Project-First-Semester #8	Upload Files	Not Started
	ICT-Project-First-Semester #9	Prepare for Presentation	Not Started
In Progress	ICT-Project-First-Semester #6	Deploy The Website Online	In Progress
	ICT-Project-First-Semester #7	Project Documentation	In Progress
Done	ICT-Project-First-Semester #1	Create Homepage	Completed
	ICT-Project-First-Semester #2	Create Table Page	Completed
	ICT-Project-First-Semester #3	+ Add item	Completed
		+ Add item	Completed
		+ Add item	Completed

The screenshot shows a GitHub repository page for 'ICT-Project-First-Semester'. It displays the commit history, repository details, and various sections like About, Releases, and Packages.

Repository Details:

- Owner: muhammadharisnoor
- Name: ICT-Project-First-Semester
- Private: Private
- Watchers: 0
- Forks: 0
- Stars: 0

Commit History:

File	Message	Time
Debugging Errors	Gallery Page Created	3 days ago
Images	about page added	3 days ago
css	Initial commit	2 weeks ago
README.md	Debugging Errors	3 days ago
about.html	Debugging Errors	3 days ago
form.html	Debugging Errors	3 days ago
gallery.html	Debugging Errors	3 days ago
index.html	Debugging Errors	3 days ago
table.html	Debugging Errors	3 days ago

About:
No description, website, or topics provided.

Activity:
Readme, Activity, 0 stars, 0 watching, 0 forks

Releases:
No releases published. Create a new release.

Packages:
No packages published. Publish your first package.

The screenshot shows the commit history for the 'main' branch on December 8, 2025. It lists several commits related to homepage and navigation changes.

Commit Message	Author	Date	SHA
Debugging Errors	muhammadharisnoor	3 days ago	9c5f18f
about page added	KashafShehzadi033	3 days ago	5ab9c58
Changes made in Homepage	muhammadharisnoor	3 days ago	e1e18f3
Changes made in Navbar	muhammadharisnoor	3 days ago	6fe7ddc
Changes in form page	muhammadharisnoor	3 days ago	72d2fa5
Merge branch 'main' of https://github.com/muhammadharisnoor/ICT-Project-First-Semester	KashafShehzadi033	3 days ago	1414032
Made Changes in Pricing page	KashafShehzadi033	3 days ago	9b7accc
Gallery Page Created			104493

Indoor Gaming/Sports Arena Website

6 Deployment Using GitHub Pages

After completing the development of the website, it was deployed using GitHub Pages, which provides free and reliable hosting for static websites. The final project files were pushed to the main branch of the GitHub repository. GitHub Pages was then enabled from the repository settings by selecting the main branch as the source. Once enabled, GitHub automatically generated a live URL for the website. This allowed the project to be accessed online through a web browser without the need for any external hosting service. Deploying the website using GitHub Pages helped us understand real-world website publishing and ensured that our project could be easily reviewed and accessed by others.

7 GitHub Repository Link

Below Mentioned is the link for Project Repository:

<https://github.com/muhammadharisnoor/ICT-Project-First-Semester>

8 Live Website Link (GitHub Pages)

Click Below to Visit the website:

[FunZone Indoor Arena](#) 

9 Conclusion:

The Sports Arena Booking System successfully meets its objective of providing a simple and effective web-based platform for sports event booking. It allows users to view available facilities, check pricing, and submit booking details through an easy-to-use interface. This project improved our understanding of frontend development using HTML, CSS, and JavaScript, along with practical experience in version control using Git and GitHub and website deployment through GitHub Pages. Team collaboration and proper project planning also enhanced our technical and coordination skills. Overall, the project provided valuable hands-on experience and a strong foundation for future web development work.