

Abstract

Swimming Pool Database Management System

Course Code: CS254

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Aim: Aim of this project is to make a user-friendly website which allows registered users to book a slot, locker etc... for a swimming pool.

Brief Description: In this project we are going to make a website for registered members of the swimming pool.

In this website a user first has to register his name and create an account with their details such as Name, Address, Contact information, Insurance number, Age and Gender. After creating their account, they will be able to book a slot at the swimming pool after paying a monthly fee of Rs. 300. They will be able to choose accessories like head caps, fins and book a locker slot.

Key Features:

1. Login facility.
2. Monthly fee payment
3. Booking a slot
4. User details
5. Locker space
6. Booking swimming accessories

Software Specifications:

> **Front end:** HTML, CSS, JS

> **Back end:** PHP, MySQL

Introduction

In this project a user, after registering his account with personal details, can use the website to book the slots for the next day. There are two slots morning and evening from which the user must choose. The maximum amount of people including male and female accepted in a slot is 10. After the limit is reached, the user won't be able to book slot for that session. There are also a limited number of accessories which include 7 swimming goggles, 9 silicone headcaps, 4 swimming fins and 10 swimming shorts. There are 8 lockers in the restroom.

The front page of user will also show the number of days remaining till the monthly pass expires, so the user can stay informed as to when they can renew their monthly pass of Rs. 300.



