ABSTRACT

Cricket Club Management System

Cricket Club Management System is the software application developed for clubs that provides and manages various club activities. The existing system of cricket club management is not very efficient and consumes a lot of time as all the processes are done manually.

The proposed Cricket Club Management System is completely automated with a lot of features that are not present in the existing online system. It also allows the user to book stadium for various days, request for club membership and register for the various training batches with specific time slot. The system works under the control of the administrator. Members and other online users can book seats for a particular program. Less effort is required for maintaining the database of the club using this software.

Admin:
The admin module of Cricket Club Management System will be used by the organization or stadium owners. Through this module, login IDs can be created for members, staff and online users. The admin will be able to approve a membership request and other booking requests.

Members:
The users will be able to browse the website, book seats, place coaching. They can also submit a leave application to the corresponding coach. The user will be able to buy seat reservation tickets for all the matches that are conducted in a different stadium.

Online users:
 The user will be able to buy seat reservation tickets for all the matches that are conducted in a different stadium.

Coaches:
The Cricket club management system have coaches. Coaches are allocated to the members in the club with respect to their category. They can also use this system to schedule practice sessions for their students.

Password security system with 2-way authentication

This paper proposes a password security system that allows the host not to store the passwords of its users at its end. Instead, it creates and stores a derivative of the password with the help of a bitmap image uploaded by the user during the user creation process. During the login attempts of users, the user is required to enter the password and upload the same image. the proposed system verifies if the image uploaded during login matches with the original image that was provided during user creation by comparing their pixel information. Then, the system derives the password from the image with the help of the stored derivative. Then, the derived password is matched with the password entered by the user.