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# Cricket Club Management System

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**ABSTRACT:** The proposed Cricket Club Management System is completely automated. The proposed system allows the user to book ground for various days, request for club membership and register for the various training batches. Less effort is required for maintaining the database of club using this software. Margin of error will be reduced and regulating members will be a breeze by using this software. The end users can register for membership, book ground, register for different training batches and receive notices from the management. The managerial functions are carried out by the Admin. Admin can approve the bookings done by end users, send notices to the online notice board, check different members of the club and the users registered for various training batches.

**KEYWORDS:** Cricket club management system; Management software; sports club.

## I. INTRODUCTION

Cricket club management project is designed with the motive of managing a cricket club. This system allows the user to book ground for various days, request for club membership and register for the various training batches. Less effort is required for maintaining the database of club using this software. This software system consists of various online booking and management functionalities needed by a cricket club. It provides various options like:

- Ground bookings
- Member registrations
- Notice posting
- Member registration
- Batch registration and more.

This software system assures efficient management and maintains the functioning on a cricket club.

## II. PROPOSED SYSTEM

The proposed system will be developed using Java programming language. Java is easy to learn and its syntax is quite simple, clean and easy to understand. It is Object-Oriented, Portable, and Platform independent. This system will provide various functionalities like:

- Ground Booking: The user may fill and apply for club ground booking using an online form. Once the admin approves the application, the ground is booked accordingly.
- Member Registration: People may register for the club membership.
- Batch Registration: People may register for various cricket training batches through the website contact form.
- Notices: Recent notices can be seen on the start page as they are posted by the admin.
- Admin Login: The project consists of an admin panel. Admin can approve and disapprove various ground booking requests, may check various members of the club and also people registered for various batches.

The minimum hardware configuration required:

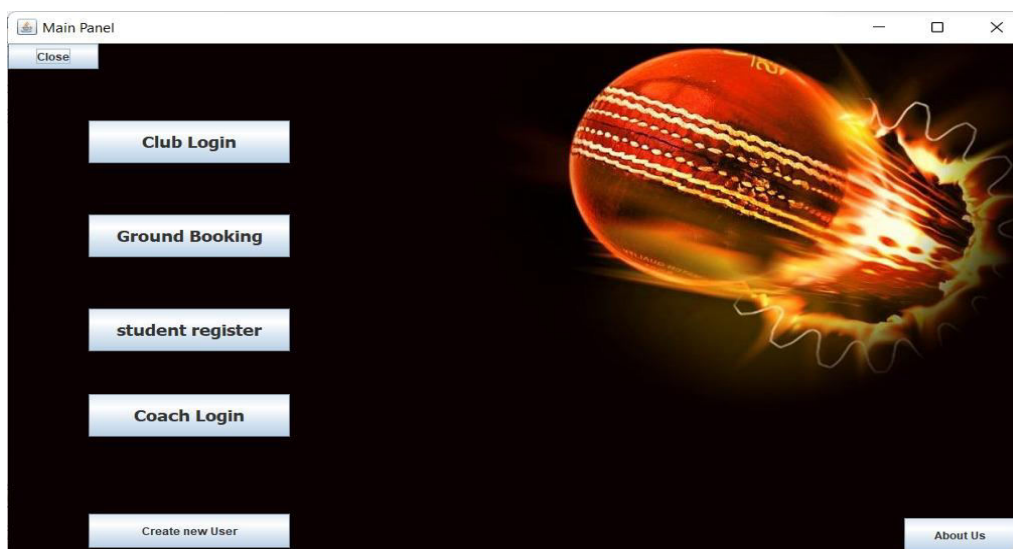
- Processor - Intel (anyversion).
- RAM - 4 GB or above.
- Hard Disk – 5 GB or above.
- Machine – Laptop or Computer

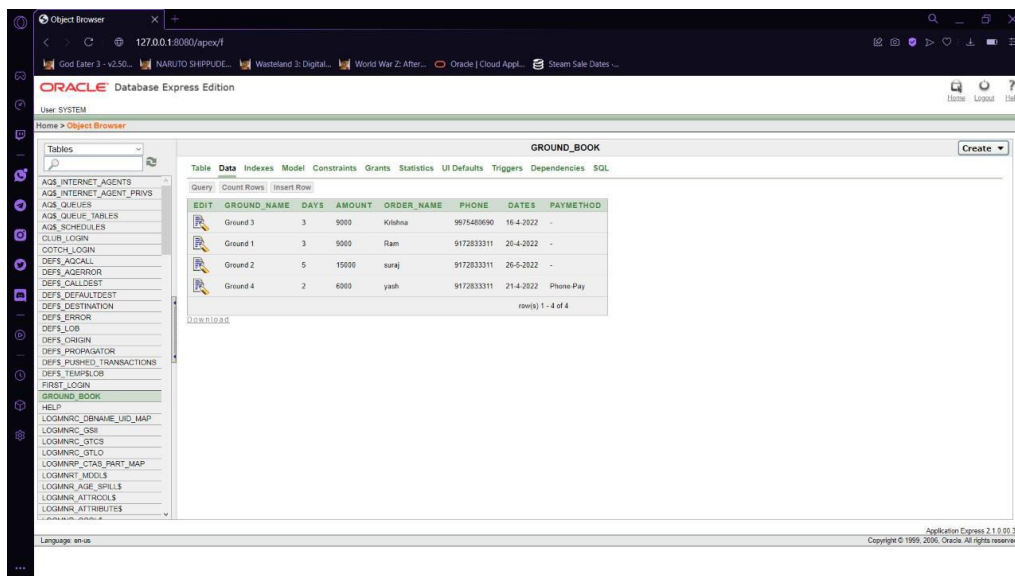
Software resources required:

- java (version “1.8.0\_66”): Java is a programming language and computing platform first released by Sun Microsystems in 1995. It has evolved from humble beginnings to power a large share of today’s digital world, by providing the reliable platform upon which many services and applications are built.
- Java(TM) SE Runtime Environment (build 1.8.0\_66-b18).
- ODBC 12 jar file.
- Java HotSpot(TM) 64-Bit Server VM (build 25.66-b18, mixed mode)
- NetBeans IDE 8.2: NetBeans IDE is a free, open source, integrated development environment (IDE) that enables you to develop desktop, mobile and web applications. The IDE supports application development in various languages, including Java, HTML5, PHP and C++. The IDE provides integrated support for the complete development cycle, from project creation through debugging, profiling and deployment. The IDE runs on Windows, Linux, Mac OS X, and other UNIX-based systems.
- Oracle Express Edition 10g: Oracle database is a relational database management system (RDBMS) from Oracle Corporation. This article will explain a complete overview of the Oracle database, features, history, and editions. Before discussing the oracle, we will first need to know about the database.

### III. DESIGN

User Interface:





EDIT	GROUND_NAME	DAYS	AMOUNT	ORDER_NAME	PHONE	DATES	PAYMETHOD
	Ground 3	3	9000	Kishna	9575480690	16-4-2022	-
	Ground 1	3	9000	Ram	9172833311	20-4-2022	-
	Ground 2	5	15000	surej	9172833311	25-5-2022	-
	Ground 4	2	8000	yash	9172833311	21-4-2022	Phone Pay

#### IV. CONCLUSION

The main reasons for Cricket club management system is to make things simple that were faced as challenges. With information that is right for your wants at the moment, the systems specific objectives are out lined below.

- Using less paper to save the environment :  
This may seem a bit trivial, but with the growing trend of people altering their daily lives to reduce their personal impact on the environment, more and more event organisers are also doing their part in the world and in the process finding that "Going Green" and eliminating their paper entry forms is appealing to the athlete community, like what has been done to plastic. Developing an environmental impact statement and branding your event as a "Green Event" is not only good for the environment but may prove valuable to your marketing campaign and the world at large
- They Work 24/7 :  
An online sports system works all the time. This gives freedom to potential visitors to check for information anytime they want. It also maximises game sales because you are not limited to your working hours.
- Cut your workload:  
Automated systems reduce workloads for your staff and optimise customer service. These platforms can make sure that work is simple and broken down in small parts for easy management of work.
- Cost effective :  
Software can save you lot of money along with time as well. You don't need to use hefty amount of papers which in return saves a lot of cost for the Cricket Club.

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