PES UNIVERSITY

(Established under Karnataka Act No. 16 of 2013)
100-ft Ring Road, Bengaluru – 560 085, Karnataka, India

Capstone Project Report Phase-2
On

CricketVerse

Submitted by

MD ASRAF ALI - (PES1PG23CA080)

March 2025 – June 2025
under the guidance of

Guide Details

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FACULTY OF ENGINEERING
DEPARTMENT OF COMPUTER APPLICATIONS
PROGRAM – MASTER OF COMPUTER APPLICATIONS

CERTIFICATE

This is to certify that the project entitled

CricketVerse

is a bonafide work carried out by

MD ASRAF ALI - PES1PG23CA080

In partial fulfillment for the completion of Capstone Project Phase-2 work in the Program of Study MCA under rules and regulations of PES University, Bengaluru during the period March 2025 – June 2025. The project report has been approved as it satisfies the academic requirements of 4th semester MCA.

Guide	**Chairperson**	**Dean- Faculty of Engineering & Technology**
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DECLARATION

I, **Md Asraf Ali,** bearing **PES1PG23CA080** hereby declare that the Capstone project Phase-2 entitled, ***CricketVerse,*** is an original work done by me under the guidance of **Mr. Tamal Dey,** Assistant Professor, PES University, and is being submitted in partial fulfillment of the requirements for completion of 4th Semester course in the Program of Study **MCA**. All corrections/suggestions indicated for internal assessment have been incorporated in the report.

The plagiarism check has been done for the report and is below the given threshold.

I further declare that the work reported in this project has not been submitted and will not be submitted, either in part or in full, for the award of any other course.

PLACE: Bengaluru

DATE:

Md Asraf Ali

ACKNOLEDGEMENT

I would like to take this opportunity to extent our hearty gratitude to our guide and supervisor, **Mr. Tamal Dey**, Assistant Professor, Department of Computer Applications, PES University, Bengaluru, whose constant guidance, supervision and encouragement made the partial completion of Capstone Project.

I am obliged to all the professors of the Department of CA, PES University, for instilling in us the basic knowledge about the field that greatly benefitted us for carrying out the project.

And last but not the least, a very hearty thank you to all our family and friends who have supported us via encouragement and helped us to carry on this project.

Md Asraf Ali

ABSTRACT

This project aims to provide the analytical experience of T20 cricket by providing live scores, real-time statistics, and AI-powered insights to fans, analysts, and enthusiasts. Through the merging of live match information with changing performance indicators, it raises interest and comprehension of the game. Pre-match analysis provides strategic advice on whether to bat or bowl first, using past venue patterns, weather conditions, and historical performance trends.

In addition, a machine learning model forecasts the chances of a successful chase in the second innings, updating win chances dynamically after each ball based on live match information. By integrating AI-powered analytics with thorough match tracking, the platform not only enhances the fan experience but also revolutionizes cricket analysis, giving richer, more predictive insights into match dynamics.

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