

MIT-World Peace University (MIT-WPU)

School of Computer Science and Engineering Department of Computer Engineering and Technology

Course Name: TY Mini Projects

Mini-Project Synopsis

Team ID	AIDS-B2
TY AIDS Panel Number	2
Name of Student, PRN No, Roll. No	1. Harsh Khanpara, PRN: 1032211298, Roll No. 45 2. Shishir Tripathi, PRN: 1032211312, Roll No.46 3. Tejas Bajwa, PRN: 1032211147, Roll No.31 4. Tanish Dhar, PRN: 1032211894, Roll No.67 5. Tanvi Khadap, PRN:1032211484, Roll no. 53
Problem Statement	Real Time Cricket News Summarization
Objectives & Methodology of the Proposed Work (Algorithms)	Objectives: 1. Cricket news summarization. 2. Limit the length of the summary as per user demand. 3. Multi-lingual Summarization Support 4. Quality Assessment and Feedback Integration Methods/Algorithms 1. Custom Summarization Function 2. Named Entity Recognition Models 3. Fine Tuned models Proposed Results 1. Summarized News Articles 2. Provide ratings for the response generated (Performance Enhancement) 3. Real time API based Results
Sources:	Source of Project : LLMs and Machine Learning Sources of Dataset: Custom self-made dataset

System Architecture Draw for your proposed project. (can attach on next page. Use suitable open Diagram source tools) SYSTEM ARCHITECTURE DIAGRAM Summarization Module JSON DATA Preprocessing Module Data cleaning INPUT MODULE STEMMING LEMETIZATION NORMALIZATION TAGGING ETC Machine Learning and Deep Learning Models Pre Trained Models Statistical Methods ile/UI Writing Modul Post Processing Module Logging Module Output Module Draw for your proposed project. (can attach on next page. Use suitable open **UML Activity** Diagram source tools) **COMPONENT DIAGRAM** INPUT MODULE PREPROCESSING MODULE SUMMARIZATION MODULE INTERFACES RESPONSIBILITIES RESPONSIBILITIES WEB APIs TOKENIZATION EXTRACTIVE/ABSTRACTIVE MODEL TRAINING File Readers STOPWORD REMOVAL Database TEXT CLEANING Connectors EVALUATION Logging and Monitoring Logging and Monitoring Logging and Monitoring OUTPUT MODULE POSTPROCESSING MODULE INTERFACES RESPONSIBILITIES UI File WRITER GRAMMATICAL AND SYNTACTIC CORRECTNESS LOGGING FEEDBACK Logging and Monitoring Logging and Monitoring

References (min 05 Research papers / /Website (with link)	Automatic Text Summarization: A Comprehensive Survey A survey of transfer learning CricSum: Cricket News Generation from Live Text Commentary using Abstractive Text Summarization Technique Automatic Summarization of Cricket Highlights using Audio Processing Hierarchical Stream Clustering Based NEWS Summarization System
Name of Mini Project Guide	Dr. Trupti Baraskar
Sign of Mini Project Guide as approval to topic and feasibility.	T. P/ 15/02/23

Remarks by Co-coordinator: Approved / Not Approved

Dr. Madhuri Rao TY Mini Projects Course Co-ordinator AIDS Panels A and B

Prof. Suja S. Panickar Overall TY Mini Projects Co-ordinator TY- CSE