



DEPARTMENT OF AI&ML II Year B.Tech. -II Sem

Name of Examination: Application Development-Web Application using Machine learning Explore

Course Code: MR22-1CS0262

Section: AIML-ZETA

TEAM:ZT6

Project Status Report

Title Name:

SignStream-Translating the Language of Hands using Sign Language Interpretation Tool

Abstract of the work:

Communication for individuals who use sign language by creating a user-friendly machine learning-based Sign Language Detection system. This innovation aims to bridge the communication gap between people who are proficient in sign language and those who may not understand it. By Using advanced machine learning algorithms, our system interprets and translates sign language gestures into spoken or written words. This breakthrough technology enables the deaf and hard-of-hearing community to effectively convey their thoughts, emotions, and messages to a broader audience, facilitating smoother interactions in various social settings. This Sign Language Detection system serves as a powerful tool for promoting inclusivity and understanding, empowering individuals with speech and hearing impairments to express themselves freely while fostering a more inclusive society that values diversity in communication.

Student Batch Details:

Roll Number	Student Name	Date	Remarks (will be filled by guide)
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