

Project ID: PW22SSS02

Project Title: Indian Sign Language Translation

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Project Guide: Prof.Shylaja SS (Professor & Chairperson)

Project Abstract:

This Report is a culmination of all the research and project work done as a part of our Capstone Project during Phase 1 and Phase 2. The title of this report is "Indian Sign Language Translation". This is our attempt to build a Web App that is capable of generating captions. This would help out many people who speak Indian Sign Language or people who would want to communicate with such speakers to communicate with each other effectively.

During the first phase of this project we were mainly focussed on the Literature Survey (i.e research) about the project, searching for the adequate dataset, and we worked on preprocessing the dataset as well. The second Phase of the project was divided into 3 parts. The Frontend, integration and mainly the model part. All the intricacies of this project right from the scratch are explained in this report in the forthcoming sections.

Code Execution: Shown in Demonstration