

# Project Report: Implementation of Must-Have Features

## 1. Project Information & Documentation

Item	Details
Project title	Unlimited communication
Team members	Alena Vodopianova Helma Arjmand Oleh Haievyi
GitHub link	<a href="https://git-iit.fh-joanneum.at/swd24-hackathon/unlimited_communication.git">https://git-iit.fh-joanneum.at/swd24-hackathon/unlimited_communication.git</a>
Total Meeting/Work Hours	Approximately 10 hours (conducted over several days)

## 2. Implementation of Must-Have Features

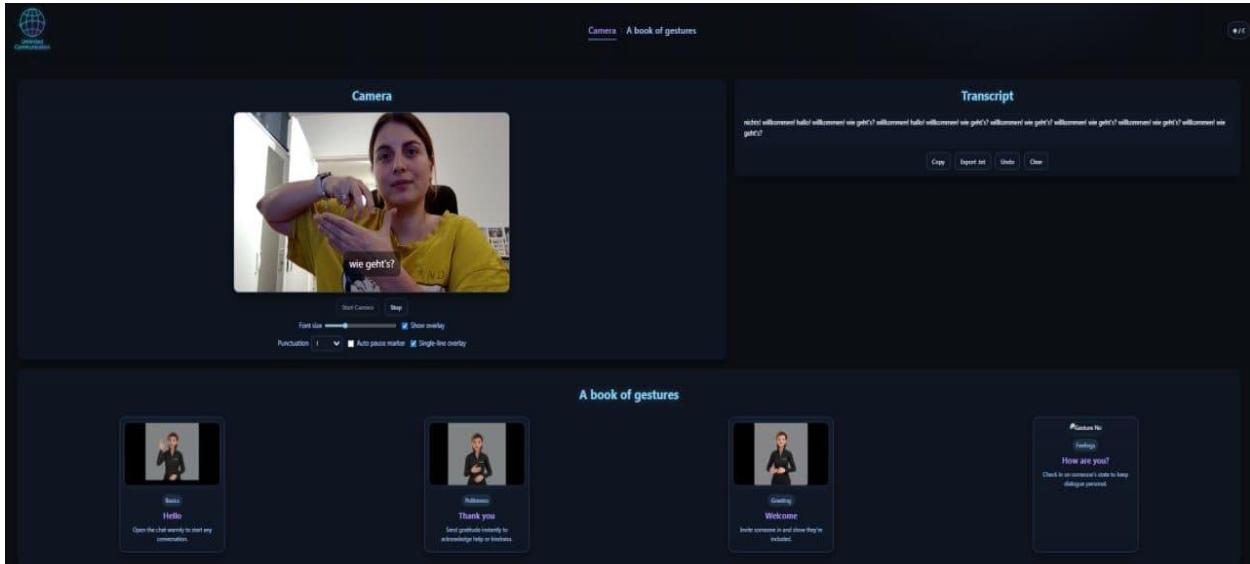
All "Must-have" features, as defined in the project specification, have been successfully implemented and are fully operational within the application interface (as shown in the attached screenshot).

Feature	Description	Status
Camera Input	Start the webcam and detect hand gestures in real time.	Completed
Gesture to Text	Recognized gestures appear instantly as readable text.	Completed
Gesture Book	Visual dictionary showing how to perform each sign.	Completed
Copy Function	Copy recognized text to clipboard for easy sharing.	Completed

### 2.2. README.md Update

The README.md file in the GitHub repository has been updated. It includes comprehensive instructions for installation, setup, and demonstrating the functionality of these implemented Must-have features.

## Operational Screenshot:



## 3. Meeting Minutes Summary

A total of approximately 10 hours of focused work and development sessions (spread across various days) were dedicated to the project. This time was used for architectural design, implementation of the gesture recognition model, and integrating it with the user interface (including the Camera, Transcript, and Gesture Book panels).

### Key Outcomes:

- Successful implementation of seamless real-time gesture detection (Camera Input) and immediate text output (Gesture to Text).
- Creation of the visual learning structure (Gesture Book) and the convenient text sharing utility (Copy Function).