INTRODUCTION

**SYNOPSIS**

## Title :

Chat translator application aka “POLYGLOT”

# Objective :

The chat translator web application called “Polyglot” has been proposed to overcome  the problems prevailing in conversations that require translation and interpretation. This software is supported to eliminate and in some cases reduce the hardships faced by people.

The Primary agenda of the project is to overcome the language barrier and minimize the problematic misinterpretations.

## inScope:

The scope of this project “Polyglot” called  is to develop an application that effectively and seamlessly translate one's conversation .

This will help to reduce/eliminate the chance of miscommunication and wrong interpretation.

It will provide a very pleasant and smooth UI experience to the user.

It will provide most of the features if not all provided by today’s market leaders.

## outScope:

This can be further  developed into a full-fledged android or ios app that connects with its following system.

Encryption can be embedded for additional protection.

Easy for others to take the source code and make their own unique versions.

Translating voice notes and calls are also a possible feature in the future.

## Existing System:

## Currently there are a few android based applications that help in translation during conversations but none of the are refined ,and there are no web-based applications that can be used in both PC and Smartphones.

## Proposed System:

Polyglot is been proposed to overcome  all the  shortcomings of the existing products in the market today. This software is supported to eliminate and in some cases reduce the hardships faced by people.

This product will fix all the issues form a bad and inconsiderate UI design to its bug ridden back-end code and functionality .

This project can be easily implemented and enhanced by others for their own specific requirements.

## Hardware Configuration:

The selection of hardware is very important in the existence and proper working of any software. When selecting the hardware, the size and capacity requirements are also important. Below is some of the hardware that is required by the system.

|  |  |
| --- | --- |
| Processor | Intel Core i3-3220 or above |
| RAM | 8 GB or above |
| Storage | 126 GB or above |
| Other | Net access |

## Software Configuration:

Choose right and updated software is also very important. Given below are required software specifications.

* Operating System: Windows 10
* XAMPP
* Adobe Dream-weaver

## Timeline:

15/6 -Planning /RnD

22/6-Designing Front-End

1/7-Coding Back-End

10/7-Testing,Error correction and Polishing

1/8-Estimated Final Product

## References:

Google search

Github

Reddit,Quora

Youtube

## Summary:

Conclusion, in short I am making a web-application that will help people with different lingual backgrounds to communicate effortlessly in a jiffy. This will reduce the possible errors and misinterpretation that will cause confusion between the individuals.