|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PROJECT  TITLE | LANGUAGE TRANSLATOR APPLICATION | | Group Number | 01 |
| Team Leader Name and Roll No | Team Members Name and Roll No | Learning Project-I Status Till Date | Tentative Date of Submission of Project | |
| 1.ANSUMAN MAHAPATRA (23CSE522) | 1.BISWAJEET PATRA(23CSE532)  2.TAPAN KUMAR SAHOO(23CSE549) | **14th Dec 2024 to 6th Feb 2025** | **10th to 16th April 2025** | |

PROJECT SUMMARY:- I developed a **Real-Time Language Translator** application for converting text between **two languages: English and Hindi**. This project uses **Java Swing** for creating a user-friendly graphical interface and **SQLite** as the database for storing and retrieving translations.

The database contains preloaded translations, which are fetched based on user input and language selection. Java's **JDBC driver** is used to connect the application to the SQLite database.

PROJECT OVERVIEW:-

|  |  |  |  |
| --- | --- | --- | --- |
| CATEGORY\* | PRESENT STATUS  OF PROJECT | PERCENTAGE  OF WORK  COMPLETED | PENDING WORK |
| JAVA  APPLICATION | Two languages are added and some according some translations. | 45% | Adding more languages and data to the database for translation and also designing the frontend. |

\*(Research Based/App Development (system/mobile/cloud/iot, etc.)/Web Application/Data Science Application)

**Comments of Proctors/Class Teacher:**

**Class Teacher Project Coordinator, 2nd Year**