Project Installation and Usage Guide

Date	8th July 2024
Team ID	SWTID1720074725
Project Name	CodeXchange: An AI-Powered Code Translator Tool

System Requirements

Operating System: Windows, macOS, or Linux

Python Version: Python 3.7 or higher

Libraries and Dependencies:

- ❖ streamlit==1.10.0
- ❖ google-generativeai
- ❖ altair==4.0
- ❖ python-dotenv

Installation

- ✠ Ensure Python 3.7 or higher is installed. [Install Python]
- ✠ Check if pip is installed else install it [Install Pip]

1. Clone the repository:

```
1   git clone https://github.com/nilakshkashyap/Code-Translator
2   cd Code-Translator
```

2. Create a virtual environment:

✠ Windows:

```
1   pip install virtualenv
2   python -m venv myenv
3   myenv\Scripts\activate
4   # To Deactivate the virtual environment
5   deactivate
```

✠ Linux/MacOs:

```
1   pip3 install virtualenv
2   virtualenv myenv
3   source myenv/bin/activate
4
5
6   # To Deactivate the virtual environment
7   deactivate
```

3. Install the required dependencies:

```
1   pip install -r requirements.txt
```