

## API DOCUMENTATION

**The web application provides two API endpoints for uploading and retrieving farmer data.**

### **('/upload') (API Name in the Project )**

The first API endpoint is for uploading a CSV file containing the farmer data(with name, address, age, phone, farmerId field). The endpoint is a HTTP **POST** request that accepts a multipart/form-data payload with the file containing farmer data. The API will parse the CSV and translate the data into Hindi, Marathi, Telugu, and Punjabi using Google Translate API. Once translation is done, the data is stored in the database.

### **('/homepage') (API Name in the Project)(post)**

The second API endpoint is for retrieving the translated farmer data. The endpoint is a HTTP **GET** request that accepts a select (form body ) parameter specifying the desired language. The API will retrieve the translated data from the database and return it in the specified language. The API returns the html page with farmers details ( no details if there is no farmer details present in the database ) and the data in the specified language.

### **('/login') (post)**

This is a third endpoint of application for authentication of user .The endpoint is HTTP **POST** Request that accept form parameter , and then authenticate user with database , as only authenticated user has the permission to upload the farmers details)

### **('/login')(get)**

This endpoint is HTTP **GET** request, this will render the login page only.

### **('/homepage') (get)**

This endpoint is HTTP **GET** request, this will render the homepage page only.

**The API also takes care of error handling and validation, with error message if file is not in correct format or specified language is not supported.**

**Note: The API requires a valid API key for Google Translate API, which needs to be passed as a header in every request.**