



## **VIRTUAL GLOBAL APPRENTICESHIP**

### **Company Introduction**

Hilokal is a South Korea-based language learning application that connects native speakers with learners. With speech recognition, voice corrections, and matching algorithms, they aim to make the process of language learning easier, faster and more authentic for learners by using unique features which gives them safe and self paced exposure to native speakers speaking their language. Learners can discover new language partners, trainers and friends anytime, anywhere by just clicking 'listen' and they will be on a live audio call with interesting people from around the world. They can choose to be a listener, and just send chat messages, images and emojis if they are not comfortable speaking. And when they are, they can easily join as a speaker, or create their own audio table.

Website Link:

<https://www.hilokal.com/>

**Theme - .Net/C# in software**

### **Project Task 1: Determining the software obligations**

#### **Background Information**

In any technology project implementation, identifying software requirements is the primary activity to ensure synchronous development of the product.

#### **Task Explanation**

From the following project brief, you have to identify different tools, software packages and techniques you'll be using in this project-

*An automated program which captures user messages containing the word 'Query/Enquiry' from Slack channels and stores them in a sheet.*



- Use .NET/C# for coding
- Extract entire message text (which matches the above criteria), user name of the member who posted the message and date of message in a sheet. Use either Microsoft Excel sheet or Google sheet or Apache open office sheet for storing the output.
- Refer Slack API Documentation at: <https://api.slack.com/methods>

*The objective of this exercise is to collate all user feedback communicated in Slack channels for the product team so that they can perform further analytics on.*

## **Resources**

1. [5 Tips for Identifying Project Resources - Professional Services Automation](#)
2. [Create Your Own Web Scraper in C# in Just a Few Minutes! | by Dan Suciu](#)
3. [Web Scraping using C-Sharp - ParTech](#)