This documentation quickly answers the basic FAQs that may arise.

1) **How to change the number of Questions retrieved?**

   Ans : The link to retrieve the questions from the Cleartest API is :

   ```
   https://ft-goutam-bose1511.oraclecloud2.dreamfactory.com/api/v2/questionbank/_table/savsoft_qbank?fields=questions&limit=3&api_key=ba3047c6a6e
   01f8fee570c6e6730f7a6d6dd8fb2acddfb04ddcbe669b806516d&filter=cid=';//API link for questions to be displayed depending on skill
   ```

   Here the cid to be concatenated is retrieved after concatenating the skill with the following link :

   ```
   https://ft-goutam-bose1511.oraclecloud2.dreamfactory.com/api/v2/questionbank/_table/savsoft_category?api_key=ba3047c6a6e01f8fee570c6e6730f7a6
   d6dd8fb2acddfb04ddcbe669b806516d&fields=cid&filter=category_name%20LIKE%20';/*API link to retrieve cid depending on skill to retrieve
   questions*/
   ```

   **This API is created using Dreamfactory.com. The account username is
   goutam.bose1511@outlook.com and password is 'Samrat97'. This API is a free trial version
   and might expire soon.**
   **Here ft-goutam-bose1511 is due to the username of the API account. If a new API is created
   with another username this is to be changed. 'questionbank' is the name of the service
   created in Dreamfactory . 'fields' parameter denotes that 'questions' are to be queried and
   'limit=3' denotes first 3 questions are to be returned. Changing this number will change the
   number of questions returned. 'filter=cid=' denotes that the questions are to be returned
   against the given cid. Savsoft_qbank and savsoft_category are the table names. Here
   'api_key' is the unique api_key generated against the account in Dreamfactory.**

2) **How to integrate the chat application with arminus.talentnow portal?**

   **Ans : The main javascript file of the application is 'js/source.js' and the front-end HTML file is
   'Chat front end.html'. These files are to be integrated with the aminus website after changing
   according to need. The only function to be changed is the**

   ```
   $('#ajaxhit').on('click',function(){//Calling the main Google cloud API after clicking the 'Send' button to send the Jobcode
       var title = $('#textfield').val();
       ajaxcall(title);
   });
   ```

   **The 'title' variable passes the Job Code to the function 'ajaxcall' responsible for calling Google
   Cloud API by AJAX which in turn responds to open the chat window. Hence the above function
   should be changed such that it properly calls the 'ajaxcall' function with job code as the
   parameter.**

3) **How to scale the application if the job portal is changed?**

   **Ans : The main parsing of the Job page is done by the python file hosted in Google Cloud
   platform with an account with username 'cleartest.diracsol@gmail.com' and password**

'12345'. A copy of the python file hosted there is saved as 'Google Cloud Hosted API to scrape skill.py '. This file is to be changed as per need if the job portal from which skills are scraped is changed and then to be hosted through a google account. The 'Requirements.txt' file contains all the dependencies of the Python file hosted. Both the files are to be kept in the same directory in Google Cloud platform and is to be deployed to create a RESTful API using the

```
Welcome to Cloud Shell! Type "help" to get started.
cleartest_diracsol@diracjobtest:~$ cd pythondemo
cleartest_diracsol@diracjobtest:~/pythondemo$ gcloud app deploy
```

Here 'pythondemo' is the directory name where the python file and 'Requirements.txt' is hosted. Also the python file should also be always kept with the name 'main.py'. The directory contains another file 'app.yaml' that should also be always kept the same and has to be kept together with other files.

4) **How to change the front end appearance of Chat Window?**

Ans : All the front end is due to the files 'Chat front end.html' and 'css/source.css'. If any changes in appearances are required then they must be changed however the id's and the classes of the HTML elements must not be changed as the Javascript file functionality depends on the id's and class names provided in the HTML.

A copy of the whole project as of now is uploaded for future requirements at

https://github.com/Goutam1511/Skillscraper-from-arminus.talentnow