

## Claire.ai API Documentation

Input and output to and from Claire.ai's DE should be in a json

### Web Client :

```
sample_user_symptoms = {  
    "Fever": "Yes/No",  
    "Cough": "Yes/No",  
    "Shortness of breath": "Yes/No",  
    "Trouble breathing": "Yes/No",  
    "New confusion or inability to arouse": "Yes/No",  
    "Bluish lips or face": "Yes/No"  
}  
  
sample_user_interaction = "Hi Claire, how are you?"  
  
sample_user_answers = ['yes', 'yes']
```

Note: user answers will be restricted to Yes/ No for the current version of the Claire.ai api

```
user_data_json = '{"symptoms": sample_user_symptoms, "user_interaction":  
sample_user_interaction, "answers": sample_user_answers }'
```

### Sample json output of Claire's Decision Engine (DE):

#### Comments:

```
sample_claire_comments = ['self isolate and come back if there are more  
symptoms', 'play video clip on health guidelines for Covid 19.']  
  
inference = '{  
    "questions": [],  
    "comments": sample_claire_comments,  
    "answers": []  
}'
```

Claire's comments could contain action words eg. Play, Contact, e.t.c

Therefore, the web client should have a basic parser to check if a comment starts with Play or Contact. If it starts with Play, the Web Client should have storage of various media files that could be played. So a comment such as Play video clip on "Covid 19 guideline", the web client then simply searches for the Covid 19 guideline file in the storage and plays for the user.

## Questions:

As an inference Claire could decide to ask the user further questions such as:

```
sample_claire_questions = ['Have you been to Alaba market in the past 14 days?', 'Did you take a public transport to Surulere last week?']
```

```
inference = '{
    "questions": sample_claire_questions,
    "comments": [],
    "answers": []
}'
```

```
sample_user_answers = ["yes", "yes"]
```

Note: all user answers are uploaded to Claire.ai api as a json object.

## Answers:

As an inference Claire could provide answers/ replies to user asked questions:

```
sample_user_questions = ['Where did the corona virus originate from?', 'Are you an AI?']
```

```
sample_claire_answers = ['The first recorded case of the Corona Virus was in Wuhan, China?', 'Not yet. Hopefully in my future versions']
```

```
inference = '{
    "questions": [],
    "comments": [],
    "answers": sample_claire_answers,
}'
```

```
sample_user_answers = ["yes", "yes"]
```

Note: Users input questions to Claire via the web app using a chat box interface. There is a possibility for future support for speech recognition.