Module `apicalls`

The purpose of the apicalls module is to contain the functions that return the relevant data from online api's when called. They are responsible for using the config file to gather the correct keys, URL's and settings as well as prevent the code from crashing by catching and logging errors while also allowing the main program to continue running.

Functions

get_news(quantity, deleted_notifs, addition) -> list get_weather -> str get_covid -> str

▶ EXPAND SOURCE CODE

Functions

```
def get_covid() -> str
```

get weather has the role of accessing UK GOV covid-19 data returning a string with a pre-defined level of detail(in the config file). It also uses parameters such as location from the config file. :returns str: Returns a string with updated weather data incorporated in written english which will be able to be spoken efficiently by pyttsx3 or displayed on the page.

▶ EXPAND SOURCE CODE

```
def get_news(quantity: int, deleted_notifs: list, addition: int)
-> list
```

get news it tasked with the role of accessing the news API using the data in the config file and returning a list of notification dictionaries containing the latest news articles. It also uses parameters such as location from the config file. :parameter quantity: quantity represents the number of notifications that are required by the calling funtion :parameter deleted_notifs: a list containing notifications that have been previously deleted, so that the function does not return them again :parameter addition: addition is the number to add to the index value of the notifications if there are already notifications stored that are not going to be deleted :returns list: a list of notification dictionaries are returned to the main program containing updated data

▶ EXPAND SOURCE CODE

```
def get_weather() -> str
```

get weather has the role of accessing the weather API using the data in the config file and returning a string with a pre-defined level of detail(in the config file). It also uses parameters such as location from the config file. :returns str: Returns a string with updated weather data incorporated in written english which will be able to be spoken efficiently by pyttsx3 or displayed on the page.

▶ EXPAND SOURCE CODE

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