Error Tolerant Environment

A step-by-step guide to making an error-tolerant Environment

1. All messages regarding events, debugging, warnings, and errors will be logged in all.logs file.

2. Try and Catch function will be used in Downloading a list of files, transforming metadata into DB format, and writing metadata into DB.

3. Web crawler will not be affected if Dev is using API method in a single module otherwise it will throw an exception and have to make changes in code.

How to implement logger into your module

1. Import get_logger function from the utils.logs file. **"from utils.Logs import get_logger"**

```
from utils.Logs import get_logger
```

2. Indicate the module name to the logger to generate logs of each module.
name = "Module_name" like in my case it was (Schneider_electric)
logger = get_logger("vendors.module_name").

```
name = "schneider_electric"
logger = get_logger("vendors.schneider_electric")
```

3. Use logger function in each event like info, debugging, warnings, and errors.

```python
def download_single_file(url, file_path_to_save):
    logger.info(f"Downloading {url} and saving as {file_path_to_save}")
```

```python
logger.error(f"{general_exception}")
```