2102541 IoT Fundamentals

Assignment

Obtain public data by REST API

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Universities list API

REST API URL address :
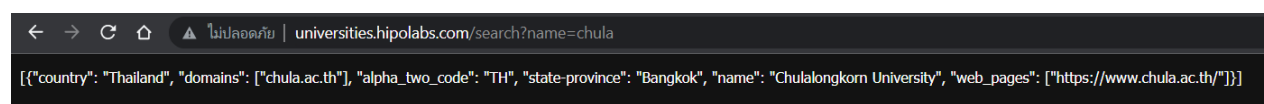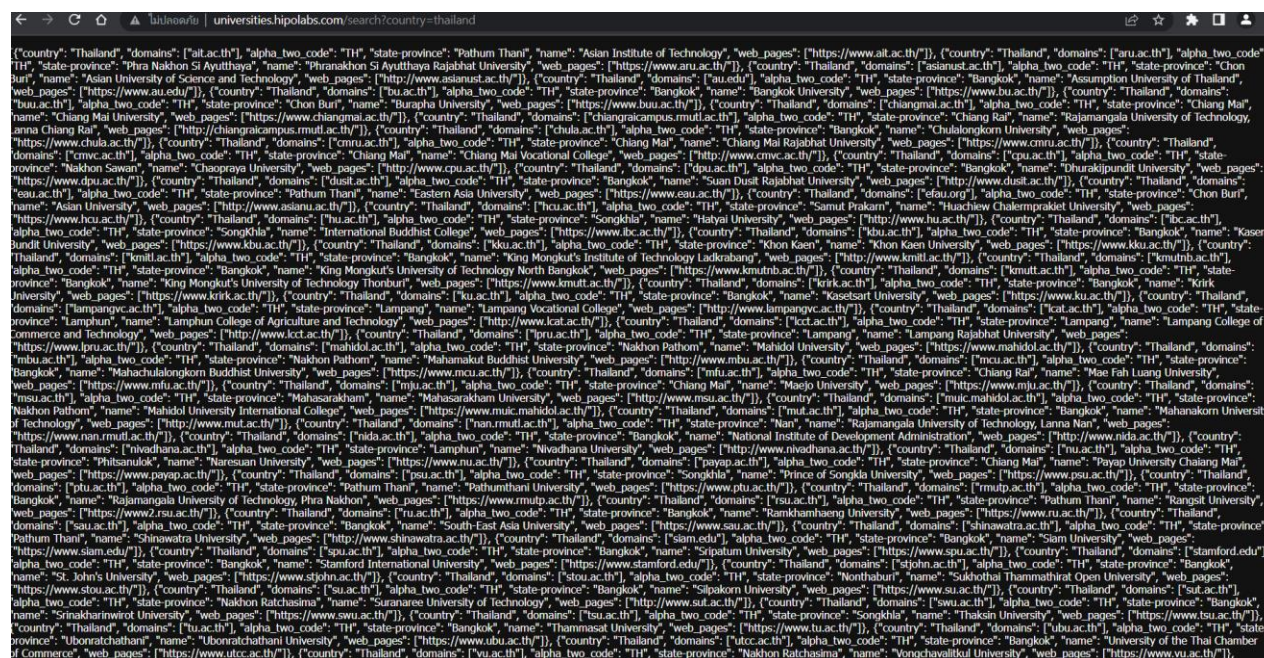
http://universities.hipolabs.com/search?name=chula

http://universities.hipolabs.com/search?country=thailand

http://universities.hipolabs.com/search?name=technology&country=thailand

Example output data :

http://universities.hipolabs.com/search?name=chula

[{"country": "Thailand", "domains": ["chula.ac.th"], "alpha_two_code": "TH", "state-province": "Bangkok", "name": "Chulalongkorn University", "web_pages": ["https://www.chula.ac.th/"]}]

http://universities.hipolabs.com/search?country=thailand

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University", "web_pages": ["https://www.vu.ac.th/"]}

http://universities.hipolabs.com/search?name=technology&country=thailand

[{"country": "Thailand", "domains": ["chiangraicampus.rmutl.ac.th"], "alpha_two_code": "TH", "state-province": "Chiang Rai", "name": "Rajamangala University of Technology, Lanna Chiang Rai", "web_pages": ["http://chiangraicampus.rmutl.ac.th/"]}, {"country": "Thailand", "domains": ["rmutp.ac.th"], "alpha_two_code": "TH", "state-province": "Bangkok", "name": "Rajamangala University of Technology, Phra Nakhon", "web_pages": ["https://www.rmutp.ac.th/"]}, {"country": "Thailand", "domains": ["nan.rmutl.ac.th"], "alpha_two_code": "TH", "state-province": "Nan", "name": "Rajamangala University of Technology, Lanna Nan", "web_pages": ["https://www.nan.rmutl.ac.th/"]}, {"country": "Thailand", "domains": ["lcct.ac.th"], "alpha_two_code": "TH", "state-province": "Lampang", "name": "Lampang College of Commerce and Technology", "web_pages": ["http://www.lcct.ac.th/"]}, {"country": "Thailand", "domains": ["mut.ac.th"], "alpha_two_code": "TH", "state-province": "Bangkok", "name": "Mahanakorn University of Technology", "web_pages": ["http://www.mut.ac.th/"]}, {"country": "Thailand", "domains": ["kmitl.ac.th"], "alpha_two_code": "TH", "state-province": "Bangkok", "name": "King Mongkut's Institute of Technology Ladkrabang", "web_pages": ["http://www.kmitl.ac.th/"]}, {"country": "Thailand", "domains": ["kmutnb.ac.th"], "alpha_two_code": "TH", "state-province": "Bangkok", "name": "King Mongkut's University of Technology North Bangkok", "web_pages": ["https://www.kmutnb.ac.th/"]}, {"country": "Thailand", "domains": ["kmutt.ac.th"], "alpha_two_code": "TH", "state-province": "Bangkok", "name": "King Mongkut's University of Technology Thonburi", "web_pages": ["https://www.kmutt.ac.th/"]}, {"country": "Thailand", "domains": ["lcat.ac.th"], "alpha_two_code": "TH", "state-province": "Lamphun", "name": "Lamphun College of Agriculture and Technology", "web_pages": ["http://www.lcat.ac.th/"]}, {"country": "Thailand", "domains": ["ait.ac.th"], "alpha_two_code": "TH", "state-province": "Pathum Thani", "name": "Asian Institute of Technology", "web_pages": ["https://www.ait.ac.th/"]}, {"country": "Thailand", "domains": ["asianust.ac.th"], "alpha_two_code": "TH", "state-province": "Chon Buri", "name": "Asian University of Science and Technology", "web_pages": ["http://www.asianust.ac.th/"]}, {"country": "Thailand", "domains": ["sut.ac.th"], "alpha_two_code": "TH", "state-province": "Nakhon Ratchasima", "name": "Suranaree University of Technology", "web_pages": ["http://www.sut.ac.th/"]}]

The URL "http://universities.hipolabs.com/search?name=chula" was used to obtain the list of universities by searching from keyword in the name of university. The URL "http://universities.hipolabs.com/search?country=thailand" was used to obtain the list of universities in the specified country. The URL "http://universities.hipolabs.com/search?name=technology&country=thailand" was used to obtain the list of universities which was specified by their country and a keyword in their name. In each JSON data contain name, country, province, domain and webpage of the university.

REST API reference document :

https://github.com/Hipo/university-domains-list-api