**Use Case UC1:** Get data from Internet

Scope: API application

Level: subfunction

Primary Actor: Software

Stakeholders and Interests:

Software: wants to get information, to obtain accurate information, and wants visible display and fast service with minimal effort

|  |  |
| --- | --- |
|  |  |

Preconditions

Must have a compiler.and internet connection ,

**Success Guarantee (or Postconditions):**

The system gets JSON data and saves data to storage.

Main Success Scenario (or Basic Flow):

1.Data which is searched is selected

2. Search in specific addresses on the Internet

3. Found the matching api file

4. received the required data

5. Data is proccessed

Extensions (or Alternative Flows):

1 Out of topic data was requested

a error occured

1. Requested data about the topic

2a cannot reach internet addresses

1. Redirect to the alternative addresses
2. Search in local storage

3 File is bad which is got from API

1. Send a report to server
   1. Required an update
2. API file is updated
   1. Update process by user
3. Ignored bad files

4-5. More information is taken from API

* 1. Delete non neccessary ones
  2. Fix the extra data
     1. Fixed by User
     2. Fixed by System