LAB 6 – REST IN PYTHON

EXERCISE 1 – IMPLEMENT A REST SERVER FOR TASKS

Extend the rest server implemented in classroom (you can clone the following repository: https://github.com/AmI-2017/python-rest), to provide basic support for:

a) updating a task
b) deleting a task
c) getting all the tasks that contains a specified string.

Consequently, you have to develop and implement the following additional API methods:

- Update the task identified by the given task_id (an integer number)

   Url: /api/v1.0/tasks/:task_id
   Method: PUT - Update the task identified by the given task_id (an integer number)
   Example:
   ```
   {
       "description" : "This is an old task that became urgent",
       "urgent" : 1
   }
   ```

- Delete the task identified by the given task_id (an integer number)

   Url: /api/v1.0/tasks/:task_id
   Method: DELETE - Delete the task identified by the given task_id (an integer number)

- get all the tasks that contains a specified search_substring

   Url: /api/v1.0/tasks?search_substring=search_substring
   Method: GET - Get all the tasks that contain a specified search_substring (a string)

EXERCISE 2 – IMPLEMENT A SIMPLE CLIENT FOR GETTING TASKS

Develop a python script that prints the list of existing tasks. The list is obtained from the server implemented in exercise 1 using API.