

1 Interface specification

This document outlines the specifications of the back-end application. The back-end application has a RESTful interface with which the front-end communicates with.

The data format used will be JSON.

The JSON objects can be found in the json_objects.ods file in this directory.

| Complete overview of back-end endpoints. P stands for parameter | |
|---|-----------------------|
| Uri path without source | Description |
| /curricula | an array of curricula |
| /modules/:module_code | returns a module. |
| /curriculum/:curriculum_id/semesters | an array of semesters |

2 Sprint implementation

For the second sprint the /modules/:module_code will be implemented. example would be /modules/2

| returns a module | |
|------------------|--|
| URL | /modules/:module_code |
| Method | GET |
| Returns | Returns a filled module_content object as specified in sprint_two_JSON_objects.png |
| Returns | 200 OK 404 Not found |

3 Endpoint definitions

This section describes the urls more specifically with functionality, the JSON format and HTTP codes. The dataobjects are described in json_objects.pdf in this repository

3.1 Curricula of student program

| semesters of curriculum | |
|-------------------------|---|
| URL | /curriculum/:curriculum_id/semesters |
| Method | GET |
| Returns | json array of semester objects which in turn are filled with corresponding modules. |
| Returns | 200 OK 404 Not found |

| curricula of student program | |
|------------------------------|-----------------------------------|
| URL | /curricula |
| Method | GET |
| Returns | json array of curriculum objects. |
| Returns | 200 OK 404 Not found |