

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