

Microservice	RequestType	Endpoint	Parameters	Returns	Dependencies	Notes	Roles
Student	GET	/student/get	?id={String}	Student	-		lecturer
Student	GET	/student/getAll		List<Student>	-		admin
Student	POST	/student/getMultiple	RequestBody Set<String>	Set<Student>	-		lecturer
Student	GET	/student/getPassedCourses	RequestHeader: netId	Map<String, Float>	open endpoint		student
Student	GET	/student/getCandidateCourses	?id={String}	List<String>	-		student
Student	GET	/student/getTACourses	?id={String}	List<String>	-		student
Student	POST	/student/add	RequestBody: Student	Student	-		disable
Student	PUT	/student/apply	?courseId={String} RequestHeader: netId	Student	open endpoint, sends request to /courses/addCandidateTa		student
Student	PUT	/student/accept	?netId={String}&courseId={String}	Student		Internal - right now can be reached by lecturer user	
Student	PUT	/student/removeApplication	?courseId={String} RequestHeader: netId	Student	open endpoint, sends request to /courses/removeAsCandidate		student
Student	PUT	/student/declareHours	RequestHeader: netId, RequestBody: List<Hours>	-	open endpoint, sends request to /management/declareHours		student
Student	GET	/student/averageWorkedHours	?courseId={String} RequestHeader: netId	float	open endpoint, sends request to /courses/averageWorkedHours		student
Student	GET	/student/getManagement	?courseId={String} RequestHeader: netId	Management	open endpoint, sends request to /management/get		student
Management	POST	/create	?courseId={String}&studentId={studentId}&amountOfHours={float}	Management	-		Internal
Management	GET	/findAll		Management	-		Internal
Management	GET	/get	?courseId={String}&studentId={studentId}	Management	-		Internal
Management	GET	/getRating	?courseId={String}&studentId={studentId}	float	-		Internal
Management	GET	/getAverageRating	?studentId={studentId}	float	-		Internal
Management	GET	/getAmountOfHours	?courseId={String}&studentId={studentId}	float	-		Internal
Management	GET	/getDeclaredHours	?courseId={String}&studentId={studentId}	float	-		Internal
Management	GET	/getApprovedHours	?courseId={String}&studentId={studentId}	float	-		Internal
Management	GET	/getTACourses	?studentId={studentId}	List<String>	-		Internal
Management	GET	/sendContract	?studentId={String}&email={String}	-	-		Internal
Management	PUT	/rate	?courseId={String}&studentId={studentId}&rating={rating}	-	-		Internal
Management	PUT	/declareHours	Request Body	-	-		Internal
Management	PUT	/approveHours	Request Body	-	-		Internal
Management	PUT	/disapproveHours	Request Body	-	-		Internal
Course	GET	/courses/get	?courseId={courseId}	Course	-		Internal
Course	GET	/courses/size	?courseId={courseId}	Integer	-		Internal
Course	GET	/courses/lecturers	?courseId={courseId}	Set<String (lecturer netId)>	-		Internal
Course	GET	/courses/requiredTas	?courseId={courseId}	Integer	-		Internal
Course	GET	/courses/recommendations	?courseId={courseId}&strategy={strategy}, @RequestHeader netId={String}	List<String (student netId)>	request to "http://localhost:8083/student/get?id={studentId}"		Internal
Course	GET	/courses/averageWorkedHours	?courseId={courseId}	float	request to "http://localhost:8080/management/getAverageRating?studentId={studentId}" and depending on strategy chosen request to "http://localhost:8080/management/getAmountOfHours?courseId={courseId}&studentId={studentId}"		Internal
Course	GET	/courses/candidates	?courseId={courseId}, @RequestHeader netId={String}	Set<String (student netId)>	-		internal
Course	GET	/courses/has	?courseId={courseId}, @RequestHeader netId={String}	Set<String (student netId)>	-		internal
Course	POST	/courses/makeCourse	@Request Body CourseCreationBody	Course	-		admin
Course	PUT	/courses/addCandidateTa	?courseId={courseId}&studentId={studentId}, @RequestBody Set<String>	boolean	-		internal
Course	PUT	/courses/addLecturer	?courseId={courseId}&lecturerId={lecturerId}	boolean	-		internal
Course	PUT	/courses/hireTa	?courseId={courseId}&studentId={studentId}&hours={hours}, @RequestHeader netId={String}	boolean	request to "http://localhost:8080/management/create?courseId={courseId}&studentId={studentId}&amountOfHours(contractHours)" and request to "http://localhost:8083/student/accept?netId={studentId}&courseId={courseId}"		Internal
Course	PUT	/courses/updateSize	?courseId={courseId}&size={size}	boolean	-		Admin
Course	DELETE	/courses/removeAsCandidate	?courseId={courseId}&studentId={studentId}	void	-		Internal
Authentication	PUT	/authentication/addRoleToUser	?netId={String}&roleName={String}	String	-		
Authentication	POST	/authentication/saveUser	@RequestBody Authentication	Authentication	-		
Authentication	POST	/authentication/saveRole	@RequestBody Role	Role	-		
Authentication	PUT	/**	any parameter	JSONObject	-		
Authentication	POST	/**	any parameter	JSONObject	-		
Authentication	GET	/**	any parameter	JSONObject	-		
Authentication	POST	/login (not /authentication/login)	?netId={String}&password={pass}	JWT token	-		
Lecturer	POST	/lecturer/addLecturer	@RequestBody lecturer	Lecturer	-		
Lecturer	GET	/lecturer/getAll	-	List<Lecturer>	-		admin
Lecturer	GET	/lecturer/get	@RequestHeader: netId={String}	Lecturer	-		lecturer
Lecturer	GET	/lecturer/courses/getOwnCourses	@RequestHeader: netId={String}	List<String>	-		lecturer
Lecturer	GET	/lecturer/courses/getSpecificCourse	@RequestHeader: netId={String}, ?courseId={String}	Course	request to "http://localhost:8082/course/get?courseId=" + courseId		lecturer
Lecturer	PUT	/lecturer/courses/getCandidateTas	@RequestHeader: netId={String}, ?courseId={String}	List<Student>	request to "http://localhost:8082/courses/get?courseId=" + courseId		lecturer
Lecturer	PUT	/lecturer/courses/selectTa	@RequestHeader: netId={String}, ?courseId={String}&studentId={String}&hours={float}	void	request to "http://localhost:8082/courses/hireTa?courseId=" + courseId + "&studentId=" + studentId + "&hours=" + hours		lecturer
Lecturer	PUT	/lecturer/courses/addCourse	@RequestHeader: netId={String}, ?courseId={String}	Lecturer	-		admin
Lecturer	GET	/lecturer/getAverageRating	@RequestHeader: netId={String}, ?courseId={String}&studentId={String}	float	request to "http://localhost:8080/management/getAverageRating?studentId=" + studentId and request to "http://localhost:8082/courses/get?courseId=" + courseId		lecturer
Lecturer	GET	/lecturer/courses/recommendations	@RequestHeader: netId={String}, ?courseId={String}&strategy={String}	List<Student>	request to "http://localhost:8082/courses" + courseId + "&strategy=" + strategy and to "http://localhost:8083/student/getMultiple"		lecturer
Lecturer	GET	/lecturer/courses/getSize	@RequestHeader: netId={String}, ?courseId={String}	int	-		lecturer
Lecturer	POST	/lecturer/approveHours	@RequestHeader: netId={String}, @RequestBody List<Hours>	void	request to "http://localhost:8080/management/approveHours"		lecturer
Lecturer	POST	/lecturer/disapproveHours	@RequestHeader: netId={String}, @RequestBody List<Hours>	void	request to "http://localhost:8080/management/disapproveHours"		lecturer
Lecturer	POST	/lecturer/rateTa	@RequestHeader: netId={String}, ?courseId={String}&studentId={String}&rating={float}	void	request to "http://localhost:8082/courses/get?courseId=" + courseId and to "http://localhost:8080/management/rate?courseId=" + courseId + "&studentId=" + studentId + "&rating=" + rating		lecturer
Lecturer	GET	/lecturer/view	@RequestHeader: netId={String}, ?courseId={String}&studentId={String}	Student	request to "http://localhost:8082/courses/get?courseId=" + courseId and to "http://localhost:8083/student" + "?get?id=" + studentId		lecturer