Microservice	RequestType	Endpoint	Parameters	Returns	Dependencies	Notes
Student	GET	/student/get	?id={String}	Student	-	
Student	GET	/student/getAll	-	List<Student>	-	
Student	POST	/student/getMultiple	RequestBody: Set<String>	Set<Student>	-	
Student	GET	/student/getPassedCourses	RequestHeader: netId	Map<String, Float>	-	
Student	GET	/student/getCandidateCourses	?id={String}	List<String>	-	
Student	GET	/student/getTACourses	?id={String}	List<String>	open endpoint	
Student	POST	/student/add	RequestBody: Student	Student	-	
Student	PUT	/student/apply	courseId={String} RequestHeader: netId	Student	open endpoint, sends request to /courses/addCandidateTa	
Student	PUT	/student/accept	?netId={String}&courseId={String}	Student	-	
Management	POST	/create	?courseId={String}&studentId={studentId}&amountOfHours={float}	Management	-	
Management	GET	/findAll		List<Management>	-	
Management	GET	/get	?courseId={String}&studentId={studentId}	Management	-	
Management	GET	/getRating	?courseId={String}&studentId={studentId}	float	-	
Management	GET	/getAverageRating	?courseId={String}&studentId={studentId}	float	-	
Management	GET	/getAmountOfHours	?courseId={String}&studentId={studentId}	float	-	
Management	GET	/getDeclaredHours	?courseId={String}&studentId={studentId}	float	-	
Management	GET	/getApprovedHours	?courseId={String}&studentId={studentId}	float	-	
Management	GET	/sendContract	?studentId={String}&email={String}	-	-	
Management	PUT	/rate	?courseId={String}&studentId={studentId}&rating={rating}	-	-	
Management	PUT	/declareHours	Request Body	-	-	
Management	PUT	/approveHours	Request Body	-	-	
Course	GET	/courses/get	?courseId={courseId}	Course		
Course	GET	/courses/size	?courseId={courseId}	Integer		
Course	GET	/courses/lecturers	?courseId={courseId}	Set<String (lecturer netid)>		
Course	GET	/courses/requiredTas	?courseId={courseId}	Integer		
Course	GET	/courses/taRecommendations	?courseId={courseId}&strategy={strategy}	List<String (student netId)>	send request to student microservice to get sutdent data, should be able to send list of students rather than single student at a time	
Course	GET	/courses/averageWorkedHours	?courseId={courseId}	float	send request to management microservice for approved hours	
Course	GET	/courses/candidates	?courseId={courseId}	Set<String (student netId)>		
Course	GET	/courses/tas	?courseId={courseId}	Set<String (student netId)>		
Course	POST	/courses/makeCourse	Request Body	String		should make return boolean
Course	POST	/courses/addCandidateTa	?courseId={courseId}&studentId={studentId} + Request Body	void		
Course	POST	/courses/addLecturer	?courseId={courseId}&lecturerId={lecturerId}	void		
Course	POST	/courses/hireTa	?courseId={courseId}&studentId={studentId}&hours={hours}	void	send request to managment service to create management object, send request to student service to update student role change	
Course	PATCH	/courses/updateSize	?courseId={courseId}&size={size}	void		
Course	DELETE	/courses/removeAsCandidate	?courseId={courseId}&studentId={studentId}	void		
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>		
Lecturer	get	lecturer/get	?netId={String}	Lecturer		
Lecturer	get	lecturer/courses.getOwnCourses	?netId={String}	List<String>		
Lecturer	get	lecturer/courses/getSpecificCourse	?netId={String}&courseId={String}	Course	request to "http://localhost:8082/course/get?courseId=" + courseId	
Lecturer	get	lecturer/courses/getCandidateTas	?netId={String}&courseId={String}	List<Student>		I'm still thinking on this one
Lecturer	patch (???)	lecturer/courses/selectTa	?netId={String}&courseId={String}&studentId={String}&hours={int}	void	request to "http://localhost:8082/course/addTA?courseId=" + courseId + "&studentId=" + studentNetId	I send you JSON contract(netId, courseID, studentId and hours)
Lecturer	patch	lecturer/courses/addCourse	?netId={String}&courseId={String}	Lecturer		
Lecturer	get	lecturer/getAverageRating	?netId={String}&courseId={String}&studentId={String}	double		I'm still thinking on this one
Lecturer	get	lecturer/courses/recommendations	?netId={String}&courseId={String}	List<Student>	request to "http://localhost:8082/course/recommendations?courseId=" + courseId	
Lecturer	gt	lecturer/courses/getSize	?netId={String}&courseId={String}	int		