Endpoint	Method	Description	Input JSON	Output JSON	Possible errors	Scope
dept/all	GET	Get all the departments in the database	Nothing	Array of names	None	All
faculties/all	GET	Get all the faculties in the database	Nothing	Array of names	None	All
user/:userID	GET	Get the data about a particular user	Nothing	email, password, department1, department2, department3, faculty, is_admin	403: Invalid uid 401: unauthorized	Any logged in user
user/register	POST	Register the user based on the inputted data	email, password, department1, department2, department3, faculty, is_admin	Nothing	400: missing required input 403: Invalid email or passwords do not match	Any non-logged-in user
user/login	POST	Login the user based on the inputted data	email, password	Nothing	400: missing required input 403: login failed	Any non-logged-in user
user/updateInfo	PUT	Update the info of the user based on the inputted data	email, password, department1, department2, department3, faculty	Nothing	400: missing required input 401: unauthorized 403: try another password or email	Any logged in user
user/history	GET	Get the viewing history of the user	Nothing	Array of COURSES	403: Invalid uid 401: unauthorized	Any logged in user
user/rated	GET	Get the list of courses the user has rated	Nothing	Array of COURSES	403: Invalid uid 401: unauthorized	Any logged in user
user/delete	DELETE	Delete the current user	Nothing	Nothing	403: Invalid uid 401: unauthorized	Any logged in user
/search/:query	GET	Search for courses and departments using a query	Nothing	depts : {name}, courses : Array of COURSES	None	All
/course/:courseCode	GET	Get the course data for a particular course	Nothing	COURSE	403: invalid courseCode	All
/course/:courseCode/addRating	POST	Add a rating to a course	date, difficulty, work-load, learningExp, overall, tags, comment,	Nothing	403: invalid courseCode 400: missing required input	Any logged in user
/course/:courseCode/deleteRating	DELETE	Delete a rating from a course	Nothing	Nothing	403: invalid courseCode 403: invalid rating	Admins only
/dept/:department/allCourses	GET	Get all the courses in the database	Nothing	Array of COURSES	None	All
/dept/:department/suggested	GET	Get a list of suggested courses in a particular department	Nothing	Array of COURSES	403: invalid department	All

	COURSE	courseCode, title, department, faculty, description, popularTags, classSize, overall, difficulty, workload, learningExp, ratingCount			