

Endpoint Prefix - /api	Method	Description	Input JSON	Output JSON	Possible Errors	Scope
/users	POST	Create user	username, password, program, email, firstname, lastname, sid	List of Inserted fields:firstname,[lastname],email ,username, password,[program]	400: missing required input 403: duplicate email or username	All
/users	GET	Get all users information	nothing	List of all users and their information ::firstname, [lastname], email,user name,password,[program]	none	All
/users/:id	GET	Get a users info by id	nothing	firstname,[lastname],email,user name,password,[program]		
/users/:id	PUT	Update User's password	oldPassword	HTTP OK	400: missing required input 401: unauthorized 403: duplicate email or username	Any logged in user
/users/:id	PUT	Update User's e-mail	oldEmail	HTTP OK	400: missing required	Any logged in user

					input 401: unauthoriz ed 403: duplicate email or username	
/users/:id	PUT	Update user's program	oldProgra m	HTTP OK	400: missing required input 401: unauthoriz ed 403: duplicate email or username	Any logged in user
/studentflex :id/:	PUT	User flex (+1 Flex)	{\$inc: [numflex: 1] }	HTTP OK	400: missing required input 401: unauthoriz ed	Any logged in user
/studentflex :id/:	DELETE	User unflex	{\$dec: [numflex: 1] }	HTTP OK	401: unauthoriz ed	Any logged in user
/wishlist	POST	Add to wishlist	Coursena me,course code,user name	Coursena me,course code,user name	400: missing required input 401: unauthoriz ed	Any logged in user
/wishlist/:id	DELETE	Remove from wishlist		HTTP OK	401: unauthoriz ed	Any logged in user
/course/:id	PUT	Update course's	{\$inc: [numflex:	HTTP OK	400: missing	Any logged in user

		flex	1] } or {\$dec: [numflex: 1] }		required input 401: unauthoriz ed	
/course/:id	PUT	Update course's rating	{\$inc: [rating: 1] } or {\$dec: [rating: 1] }	HTTP OK	400: missing required input 401: unauthoriz ed	Any logged in user

Schemes

Users	sid: { type: Number, required: true, unique: true }, firstname: { type: String, required: true }, lastname: { type: String, required: true }, email: { type: String }, program: { type: String, required: true }, username: { type: String, required: true }, password: { type: Number,
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	<pre> required: true } </pre>
Courses	<pre> coursecode: { type: String, required: true }, coursename: { type: String, required: true }, description: { type: String, required: true }, department: { type: String, required: true }, prerequisites: { type: String, required: true }, exclusions: { type: String, required: true }, level: { type: Number, required: true }, campus: { type: String, required: true }, term: { type: String, required: true }, breadths: { type: [Number], required: true }, meeting_sections: { type: [{ </pre>

	<pre> code: { type: String }, instructors: { type: [String] }, times: { type: [{ day: { type: String }, start: { type: Number }, end: { type: Number }, duration: { type: Number }, location: { type: String } }] }, size: { type: Number }, enrolment: { type: Number }] }, numflex: { type: Number, required: true }, rating: { type: Number, required: true } </pre>
studentflex	<pre> sid: { type: Number, required: true, unique: true }, coursecode: { type: String, required: true }, coursename: { type: String, required: true }, numflex: { type: Number, required: true } </pre>
Wishlist	<pre> sid: { type: Number, required: true, </pre>

	<pre>unique: true }, coursecode: { type: String, required: true }, coursename: { type: String, required: true }</pre>
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