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| **URL** | **Purpose** | **Type** | **Input** | **Returns** |
| /courses | Get all courses in DB |  | N/A | [{name:’’, number:’’}] |
| /sections | Get all sections for all courses in DB |  | N/A |  |
| /sections:coursenum | Get all section in DB for the specified course |  | courseID |  |
| /userprefs | Get preferences for a user |  | username | {classes:int, day:’’, time:’’} |
| /needed | Get needed courses for a user |  | username | [{name:’’, number:’’}] |
| /taken | Get taken courses for a user |  | username | [{name:’’, number:’’}] |
| /scheduler | Generate schedule |  | username |  |
| /addcourse | Add a course to the DB |  | {name:’’, number:’’} | False: if course with that id already exists  True: otherwise |
| /addsection | Add a section to the DB |  |  | False: if section with that id already exists  True: otherwise |
| /removecourse | Remove a course from the DB |  | courseID | N/A |
| /removesection | Remove a section from the DB |  | {course:courseID, section:sectionID} | N/A |
| /editcourse | Edit course information |  |  | N/A |
| /editsection | Edit section information |  |  | N/A |
| /editpreferences | Edit user’s preferences |  | {username:’’, old:{classes:int, day:’’, time:’’}, new: {classes:int, day:’’, time:’’}} | N/A |
| /editneededcourses | Edit user’s needed courses |  | {username:’’, old:[{name:’’, number:’’}], new:[ {name:’’, number:’’}]} | N/A |
| /edittakencourses | Edit user’s taken courses |  | {username:’’, old:[{name:’’, number:’’}], new:[ {name:’’, number:’’}]} | N/A |
| /editusername | Change username for user |  | {old:’’, new:’’} | False: new username exists already  True: otherwise |
| /editemail | Change e-mail for user |  | {username:’’, new:’’} | N/A |
| /editpassword | Change password for user |  | {username:’’, password:’’} | N/A |
| /login | Login verification |  | {username:’’, password:’’} | {success:bool, isAdmin:bool} |
| /register | Register user | POST | {username:’’, email:’’, password:’’} | False: username exists already  True: otherwise |