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| **Description** | **Method + Path** | **Request/Response** |
| Check if username exists upon logging in to save time | POST  server/api/login.php | **Request:** {  “username”: string,  “password”: string  }  **Response 1:**{  “name”: string  }  **Response 2:**{  “Status”: invalid  } |
| Logging In | POST  server/api/login.php | **Request:** {  “username”: string,  }  **Response 1:**{  “SendToSchool”: string  }  **Response 2:**{  “Status”: invalid  } |
| Redirect to homepage if logged in | GET  server/api/login.php | **Response:**{  “sendToSchool” : string  } |
| Redirect to login page if not logged in | GET  server/api/school.php | **Response:**{  } |
| Load data on homepage | GET  server/api/school.php | **Response:**{  “display”: string,  “img”: string,  “sales”: string  “courses”: [  {  “ID”: string,  “description”: string,  “image”: string,  “name”: string  }  ],  “students”: [  {  “ID”: string,  “IDperRow”: string,  “course\_id”: string,  “email”: string,  “image”: string,  “name”: string,  “phone”: string,  }  ]  } |
| Load data on administrators page | GET  server/api/administrators.php | **Response:**{  “display”: string,  “img”: string,  “sales”: string,  “role”: string,  “admins”: [  {  “ID”: string,  “email”: string,  “image”: string,  “name”: string,  “password”: string,  “phone”: string,  “role”: string  }  ],  “ownerNum”: [string]  } |
| Logging Out | GET  server/api/login.php | **Response:**{  “sendTo”: string  } |
| Displaying Student on Main Section, and a list of the courses the student takes | POST  Server/api/studdisp.php | **Request:**{  “id”: string  }  **Response:**{  “allInfo”: [  {  “ID”: string,  “IDperRow”: string,  “course\_id”: string,  “email”: string,  “image”: string,  “name”: string,  “phone”: string,  }  ],  “courseNames”: [  {  “name”: string,  “image”: string,  }  ],  “sales”: string  } |
| Displaying Course on Main Menu, and a lists of the students in the course | POST  Server/api/studdisp.php | **Request:**{  “id”: string  }  **Response:**{  “allInfo”: [  {  “ID”: string,  “description”: string,  “image”: string,  “name”: string,  }  ],  “sales”: string,  “studNames”: [  {  “name”: string,  “image”: string,  }  ],  “studentNum”:  [“string”]  } |
| Displaying Administrator on Main Section | POST  Server/api/admindisp.php | **Request:**{  “id”: string  }  **Response:**{  “allInfo”: [  {  “ID”: string,  “email”: string,  “image”: string,  “name”: string,  “password”: string,  “phone”: string,  “role”: string  }  ]  } |
| Uploading Student/Course/Admin Photo | POST  Server/api/upload.php | **Request:**  ------WebKitFormBoundaryOSe6sVRat3t9lksP Content-Disposition: form-data; name="file"; filename="person2.PNG" Content-Type: image/png  **Response:**{  “filename”: string,  “status”: string  } |
| Getting List Of Courses To be able to add/remove from student account | GET  Server/api/coursesToAdd.php | **Response:**{  “allCourses”:[  {  “ID”: string,  “name”: string  }  ]  } |
| Autofill data upon edit student | GET  Server/api/editstudent.php | **Response:**{  “allCoursesNames”: [  {  “ID”: string,  “name”: string  }  ],  “allStudInfo”: [  {  “ID”: string,  “IDperRow”: string,  “course\_id”: string,  “email”: string,  “image”: string,  “name”: string,  “phone”: string,  }  ],  “courseofStudNames”: [  {  “name”: string,  “ID”: string  }  ]  } |
| Autofill data upon edit course | GET  Server/api/editcourse.php | **Response:**{  “allInfo”: [  {  “ID”: string,  “description”: string,  “image”: string,  “name”: string,  }  ],  “studentNum”:  [“string”]  } |
| Autofill data upon edit administrator | GET  Server/api/editadmin.php | **Response:**{  “allInfo”: [  {  “ID”: string,  “email”: string,  “image”: string,  “name”: string,  “password”: string,  “phone”: string,  “role”: string  }  ]  } |
| Adding course to the system | POST  Server/api/addCourse.php | **Request:**{  “name”: string,  “description”: string,  “image”: string  }  **Response:**{  “allInfo”: [  {  “ID”: string,  “description”: string,  “image”: string,  “name”: string,  }  ],  “courseList”: [  {  “name”: string  }  ],  “studNames”: [  {  “status”: string  }  ],  “studentNum:  [string]  } |
| Adding student to the system | POST  Server/api/addCourse.php | **Request:**{  “name”: string,  “phone”: string,  “email”: string,  “course”: [string],  “image”: string  }  **Response:**{  “allStudInfo”: [  {  “ID”: string,  “IDperRow”: string,  “course\_id”: string,  “email”: string,  “image”: string,  “name”: string,  “phone”: string,  }  ],  “courseNameList”:[  [  {  “image”: string,  “name”: string,  }  ]  ],  “sales”: string,  “studToList”:[  {  “image”: string,  “name”: string,  “phone”: string  }  ]  } |
| Adding administrator to the system | POST  Server/api/addCourse.php | **Request:**{  “name”: string,  “role”: string,  “email”: string,  “phone”: string,  “password”: string,  “image”: string,  }  **Response:**{  “adminNum”: [string],  “allInfo”:[  “ID”: string,  “email”: string,  “image”: string,  “name”: string,  “password”: string,  “phone”: string,  “role”: string  ]  } |
| Updating course details | POST  Server/api/editCourse.php | **Request:**{  “name”: string,  “description”: string,  “image”: string  }  **Response:**{  “allInfo”: [  {  “ID”: string,  “description”: string,  “image”: string,  “name”: string,  }  ],  “courseList”: [  {  “name”: string,  “image”: string  }  ],  “sales”: string,  “studNames”: [  {  “name”: string,  “image”:string  }  ],  “studentNum:  [string]  } |
| Updating Student Details | POST  Server/api/editStudent.php | **Request:**{  “name”: string,  “phone”: string,  “email”: string,  “courses”: [string],  “image”: string,  }  **Response:**{  “allInfo”: [  {  “ID”: string,  “IDperRow”: string,  “course\_id”: string,  “email”: string,  “image”: string,  “name”: string,  “phone”: string,  }  ],  “studCoruses”:[  {  “name”: string,  “image”: string  }  ]  } |
| Updating administrator Details | POST  Server/api/editadmin.php | **Request:**{  “name”: string,  “role”: string,  “email”: string,  “phone”: string,  “password”: string,  “image”: string,  }  **Response:**{  “adminNum”: [string],  “allInfo”:[  “ID”: string,  “email”: string,  “image”: string,  “name”: string,  “password”: string,  “phone”: string,  “role”: string  ]  } |
| Data to display after deleting a course | GET  Server/api/deletecourse.php | **Response:**{  “ID”: string,  “allInfo”: [  {  “ID”: string,  “description”: string,  “image”: string,  “name”: string,  }  ],  “students”:[  {  “ID”: string,  “IDperRow”: string,  “course\_id”: string,  “email”: string,  “image”: string,  “name”: string,  “phone”: string,  }  ]  } |
| Data to display after deleting a student | GET  Server/api/deletestudent.php | **Response:**{  “ID”: string,  “courses”: [  {  “ID”: string,  “description”: string,  “image”: string,  “name”: string,  }  ],  “students”:[  {  “ID”: string,  “IDperRow”: string,  “course\_id”: string,  “email”: string,  “image”: string,  “name”: string,  “phone”: string,  }  ]  } |
| Data to display after deleting an administrator | GET  Server/api/deleteadmin.php | **Response:**{  “ID”: string,  “adminNum”: [string]  } |
| Check if student email exists before adding new student or updating existing | POST  Server/api/checkStudEmail.php | **Request:**{  “email”: string  }  **Response:**{  “exists”: string  } |
| Check if admin email exists before adding new admin or updating existing | POST  Server/api/checkadminEmail.php | **Request:**{  “email”: string  }  **Response:**{  “exists”: string  } |
| Check if course name exists before adding new course or updating existing | POST  Server/api/checkcourseName.php | **Request:**{  “name”: string  }  **Response:**{  “exists”: string  } |