**EASTERN WASHINGTON UNIVERSITY**

**ADVANCEMENT PROGRAMMING EXAM WEBSITE**

**API DOCUMENTATION**

**Senior Capstone Class 2017**

**Instructor: Tom Capaul**

**Team: Tu Nguyen, Aaron Griffis, Andy Robinson**

# ACCOUNT

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| **Title** | **Create Account** |
| **Description** | Create a new account.  Allowed types: Admin, Teacher, System |
| **URL** | site\_url/account/create\_account.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  id : [string]  f\_name : [string]  l\_name : [string]  email: [string]  type: [string array]  **If type Student**  **Required**  state : [string]  is\_inclass : [string]  **If teacher is creating an in-class student**  **Required**  teacher\_id : [string] |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  id |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../account/create\_account.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  id: “555”,  f\_name: “Jason”,  l\_name: “Smith”,  email: “jsmith@eagles.ewu.edu”,  type: [“Student”],  state: “Ready”,  is\_inclass: true,  teacher\_id: “111”},  function(lastInsertId){  },  "json"); |
| **Notes** |  |

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| **Title** | **Get Account Info** |
| **Description** | Get an account info  Allowed types: Admin, Teacher, Student |
| **URL** | site\_url/account/get\_account\_info.php |
| **Method** | GET |
| **URL Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  request : [string] (“get\_own”, “get\_by\_id”, “get\_by\_type”)  **If request get\_by\_id**  **Required**  id : [string]  **If request get\_by\_type**  **Required**  type : [string] |
| **Data Params** |  |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  **Not student account**  [  {  "user\_id": "111",  "f\_name": "Tom",  "l\_name": "Capaul",  "email": "tcapaul@ewu.edu",  "disabled": "0",  "type": [  "Admin",  "Grader",  "Teacher"  ]  }  ]  **Student account**  [  {  "user\_id": "555",  "f\_name": "Jason",  "l\_name": "Smith",  "email": "jsmith@eagles.ewu.edu",  "disabled": "0",  "state": "Registered",  "comment": null,  "edited\_by": "System",  "registered\_exam": [  "1071",  "1072"  ],  "type": [  "Student"  ]  }  ] |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.get("../account/get\_account\_info.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  request: “get\_by\_id”,  id: “555”},  function(data){  },  "json"); |
| **Notes** |  |

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| **Title** | **Student Search** |
| **Description** | Search student accounts using a string  Allowed types: Admin, Teacher, System |
| **URL** | site\_url/account/student\_search.php |
| **Method** | GET |
| **URL Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  search\_str: [string] |
| **Data Params** |  |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  [  {  "user\_id": "007",  "f\_name": "Bond",  "l\_name": "James Bond",  "email": "[james@bond.com](mailto:james@bond.com)",  "state": "Ready",  "disabled": "0"  }  ] |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.get("../account/student\_search.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  Search\_str: “james”},  function(data){  },  "json"); |
| **Notes** |  |

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| **Title** | **Update Account** |
| **Description** | Update an account info  Allowed types: Admin, Teacher, Student |
| **URL** | site\_url/account/update\_account.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  request : [string] (“update\_type”, “update\_type\_info”, “update\_info”, “update\_state”, “update\_state\_info”, “update\_disabled”)  **If request update\_type**  **Required**  old\_id : [string]  type : [string array]  **If request update\_type\_info**  **Required**  old\_id : [string]  new\_id : [string]  f\_name : [string]  l\_name : [string]  email : [string]  type : [string array]  **If request update\_info**  **Required**  old\_id : [string]  new\_id : [string]  f\_name : [string]  l\_name : [string]  email : [string]  **If request update\_state**  **Required**  old\_id : [string]  state : [string] (“Ready”, “Registered”, “Passed”, “Blocked”)  comment : [string]  edited\_by : [string] (editor id)  **If request update\_state\_info**  **Required**  old\_id : [string]  new\_id : [string]  f\_name : [string]  l\_name : [string]  email : [string]  state : [string] (“Ready”, “Registered”, “Passed”, “Blocked”)  comment : [string]  edited\_by : [string] (editor id)  **If request update\_disabled**  **Required**  id : [string]  disabled : [int] (0 or 1) |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../account/update\_account.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  request: “update\_info”,  old\_id: “555”,  new\_id: “555”,  f\_name: “Tom”,  l\_name: “Capaul”,  email: “tcapaul@ewu.edu”}); |
| **Notes** |  |

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| **Title** | **Upload Student CSV** |
| **Description** | Upload a .csv file containing student information  Allowed types: Admin, Teacher, System |
| **URL** | site\_url/account/upload\_student\_csv.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  **$\_POST**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  **$\_FILES**  fileToUpload:  [  name: [string],  tmp\_name: [string],  size: [int]  ] |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | var uploadForm = document.getElementById('upload-form');  var formData = new FormData(uploadForm);  $.ajax({url: '../account/upload\_student\_csv.php',  type: 'POST',  data: formData,  cache: false,  contentType: false,  processData: false,  success: function (returndata) {}  }); |
| **Notes** |  |

# EXAM

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| **Title** | **Add Exam Category** |
| **Description** | Create a new exam category combination.  Allowed types: Admin, Teacher |
| **URL** | site\_url/ape/add\_exam\_cat.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  exam\_id : [string]  cat\_id : [string] |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  id |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../ape/add\_exam\_cat.php",  { requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  exam\_id: 1071,  cat\_id: 2,  possible\_grade: 30},  function(lastInsertId){}  ); |
| **Notes** |  |

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| **Title** | **Assign Grader** |
| **Description** | Assign a grader to a category of an APE.  Allowed types: Admin, Teacher |
| **URL** | site\_url/ape/assign\_grader.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  exam\_cat\_id : [string]  user\_id : [string] |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  id |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../ape/assign\_grader.php",  { requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  exam\_cat\_id: examCatId,  user\_id: graderId},  function(lastInsertId){}  ); |
| **Notes** |  |

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| **Title** | **Create APE** |
| **Description** | Create an APE.  Allowed types: Admin, Teacher |
| **URL** | site\_url/ape/create\_ape.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  name : [string]  quarter : [string]  date : [string]  location : [string]  state : [string]  possible\_grade : [string]  passing\_grade : [string]  duration : [string]  start\_time : [string]  cutoff : [string] |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  id |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../ape/create\_ape.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  name: “ape”,  quarter: “Winter”,  date: “2018-02-01”,  location: “1”,  state: “open”,  possible\_grade: "100",  passing\_grade: “80”,  duration: "3",  start\_time: "10:00:00",  cutoff: "2"},  function(lastInsertId){},  "json"); |
| **Notes** |  |

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| **Title** | **Remove APE** |
| **Description** | Remove an APE.  Allowed types: Admin, Teacher |
| **URL** | site\_url/ape/remove\_ape.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  exam\_id : [string] |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../ape/remove\_ape.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  exam\_id: “1071”}); |
| **Notes** | If requester is a teacher, they’re allowed to only remove their in-class exam |

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| **Title** | **Update APE** |
| **Description** | Update an APE info.  Allowed types: Admin, Teacher |
| **URL** | site\_url/ape/update\_ape.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  request : [string] (“update\_all”, “update\_state”)  **If request update\_all**  **Required**  name : [string]  exam\_id : [string]  quarter : [string]  date : [string]  location : [string]  state : [string]  possible\_grade : [string]  passing\_grade : [string]  duration : [string]  start\_time : [string]  cutoff : [string]  **If request update\_state**  **Required**  exam\_id : [string]  state : [string] |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../ape/update\_ape.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  name: “ape”,  exam\_id: “1071”,  quarter: “Winter”,  date: “2018-02-01”,  location: “1”,  state: “open”,  possible\_grade: "100",  passing\_grade: “80”,  duration: "3",  start\_time: "10:00:00",  cutoff: "2"}); |
| **Notes** | If requester is a teacher, they’re allowed to only update their in-class exam |
| **Title** | **Get All APEs** |
| **Description** | Get data on some or all APEs  Allowed types: Admin, Teacher, Student, Grader, 000 |
| **URL** | site\_url/account/get\_all\_apes.php |
| **Method** | GET |
| **URL Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  request : [string] (“get\_by\_state”, “get\_by\_id”, “get\_all”, "get\_student\_apes")  **If request get\_by\_id**  **Required**  exam\_id : [string]  **If request get\_by\_state**  **Required**  state: [string] ("Open", "In\_Progress", "Grading", "Archived", "Hidden")  **If request get\_student\_apes**  **Required**  student\_id: [string] |
| **Data Params** |  |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  **get\_by\_id**  [  {  "exam\_id": "1",  "name": "Stu's 211",  "quarter": "Spring",  "date": "2017-06-10",  "location": "1",  "state": "Archived",  "possible\_grade": "100",  "passing\_grade": "80",  "duration": "2",  "start\_time": "11:00 AM",  "cutoff": "0",  "remaining\_seats": 39  }  ]  **get\_by\_state**  **Admin, Teacher account**  [  {  "exam\_id": "1",  "name": "Stu's 211",  "quarter": "Spring",  "date": "2017-06-10",  "location": "1",  "state": "Archived",  "possible\_grade": "100",  "passing\_grade": "80",  "duration": "2",  "start\_time": "11:00 AM",  "cutoff": "0",  "remaining\_seats": 39  },  {  "exam\_id": "2",  "name": "Fall APE",  "quarter": "Fall",  "date": "2017-10-15",  "location": "2",  "state": "Archived",  "possible\_grade": "120",  "passing\_grade": "105",  "duration": "4",  "start\_time": "09:00 AM",  "cutoff": "2",  "remaining\_seats": 34  }  ]  **Student, 000 account**  [  {  "exam\_id": "2",  "name": "Fall APE",  "quarter": "Fall",  "date": "2017-10-15",  "location": "2",  "state": "Archived",  "possible\_grade": "120",  "passing\_grade": "105",  "duration": "4",  "start\_time": "09:00 AM",  "cutoff": "2",  "cutoff\_time": "07:00:00",  "reg\_closed": 0,  "remaining\_seats": 34  },  {  "exam\_id": "5",  "name": "blepp",  "quarter": "Fall",  "date": "2017-11-22",  "location": "1",  "state": "Archived",  "possible\_grade": "55",  "passing\_grade": "55",  "duration": "3",  "start\_time": "08:00 AM",  "cutoff": "2",  "cutoff\_time": "06:00:00",  "reg\_closed": 0,  "remaining\_seats": 39  }  ]  **get\_all**  **Student account**  [  {  "exam\_id": "3",  "name": "Chris's 211",  "date": "2017-11-06",  "start\_time": "12:00 PM",  "grade": "80",  "possible\_grade": "90",  "passed": "1",  "state": "Archived",  "cats": {  "Recursion": "40/45",  "General": "40/45"  },  "remaining\_seats": 38  },  {  "exam\_id": "4",  "name": "Winter APE",  "date": "2018-02-10",  "start\_time": "10:00 AM",  "possible\_grade": "110",  "state": "Grading",  "grade": null,  "passed": null,  "remaining\_seats": 73  }  ]  **Admin, Teacher account**  [  {  "exam\_id": "1",  "name": "Stu's 211",  "quarter": "Spring",  "date": "2017-06-10",  "location": "1",  "state": "Archived",  "possible\_grade": "100",  "passing\_grade": "80",  "duration": "2",  "start\_time": "11:00 AM",  "cutoff": "0",  "remaining\_seats": 39  },  {  "exam\_id": "2",  "name": "Fall APE",  "quarter": "Fall",  "date": "2017-10-15",  "location": "2",  "state": "Archived",  "possible\_grade": "120",  "passing\_grade": "105",  "duration": "4",  "start\_time": "09:00 AM",  "cutoff": "2",  "remaining\_seats": 34  }  ]  **get\_student\_apes**  [  {  "exam\_id": "3",  "name": "Chris's 211",  "date": "2017-11-06",  "start\_time": "12:00 PM",  "grade": "80",  "possible\_grade": "90",  "passed": "1",  "state": "Archived",  "cats": {  "Recursion": "40/45",  "General": "40/45"  },  "remaining\_seats": 38  },  {  "exam\_id": "4",  "name": "Winter APE",  "date": "2018-02-10",  "start\_time": "10:00 AM",  "possible\_grade": "110",  "state": "Grading",  "grade": null,  "passed": null,  "remaining\_seats": 73  }  ] |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.get("../ape/get\_all\_apes.php",  { requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  request: "get\_by\_id",  exam\_id: “1071”},  function(item){},  "json"); |
| **Notes** |  |

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| **Title** | **Get Exam Categories** |
| **Description** | Get all exam\_cats associated with passed in exam\_id  Allowed types: Admin, Teacher |
| **URL** | site\_url/ape/get\_exam\_cats.php |
| **Method** | GET |
| **URL Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  exam\_id : [string] |
| **Data Params** |  |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  [  {  "cat\_id": "1",  "exam\_cat\_id": "1",  "exam\_id": "1",  "possible\_grade": "40",  "name": "Recursion"  },  {  "cat\_id": "4",  "exam\_cat\_id": "2",  "exam\_id": "1",  "possible\_grade": "60",  "name": "Data Abstraction"  }  ] |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.get("../ape/get\_exam\_cats.php",  {requester\_id: "111",  requester\_type: "Admin",  requester\_session\_id: "1234abcd",  exam\_id: itemId},  function(data){},  "json"); |
| **Notes** |  |

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| **Title** | **Remove Exam Categories** |
| **Description** | Remove all exam categories with passed in exam\_id.  Delete will cascade to remove entries in assigned\_grader table.  Allowed types: Admin, Teacher |
| **URL** | site\_url/ape/remove\_exam\_cat.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  exam\_id : [string] |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../ape/update\_ape.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  exam\_id: “1071”}); |
| **Notes** |  |

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| **Title** | **Get Exam Roster** |
| **Description** | Get an exam roster, with grading information if requested  Allowed types: Admin, Teacher |
| **URL** | site\_url/ape/get\_exam\_roster.php |
| **Method** | GET |
| **URL Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  exam\_id : [string]  get\_grade: [int] (0 or 1) |
| **Data Params** |  |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  [  {  "student\_id": "007",  "f\_name": "James",  "l\_name": "Bond",  "seat\_num": "10",  "email": "james@bond.com",  "possible\_grade": "100",  "passing\_grade": "80",  "state": "Archived",  "cats": [  {  "exam\_cat\_id": "1",  "name": "Recursion",  "possible\_grade": "40",  "graders\_grades": {  "Stu Steiner": "40"  },  "final\_grade": "40",  "comment": "",  "edited\_by": ""  },  {  "exam\_cat\_id": "2",  "name": "Data Abstraction",  "possible\_grade": "60",  "graders\_grades": {  "Stu Steiner": "60"  },  "final\_grade": "60",  "comment": "",  "edited\_by": ""  }  ],  "grade": "100",  "passed": "1",  "exam\_id": "1"  }  ] |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.get("../ape/get\_exam\_roster.php",  { requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  exam\_id: examId,  get\_grade: 1},  function(rosterData){},  "json"); |
| **Notes** |  |

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| **Title** | **Register a student for an APE** |
| **Description** | Register a student for an APE  Allowed types: Admin, Teacher, Student |
| **URL** | site\_url/ape/register.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  exam\_id : [string]  student\_id : [string] |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  seat\_number |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../ape/register.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  exam\_id: “1071”,  student\_id: “07912345”},  function(seatNum){  },  "json");); |
| **Notes** | API will check exam cutoff time when requester is student. Admin and Teacher are allowed to add students after exam cutoff time.  API will send email to student if operation is successful. |

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| **Title** | **Unregister a student for an APE** |
| **Description** | Unregister a student for an APE  Allowed types: Admin, Teacher, Student |
| **URL** | site\_url/ape/unregister.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  exam\_id : [string]  student\_id : [string] |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../ape/unregister.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  exam\_id: “1071”,  student\_id: “07912345”}); |
| **Notes** | API will send email to student if operation is successful. |

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| **Title** | **Update a student’s seat number in an APE** |
| **Description** | Update a student’s seat number in an APE  Allowed types: Admin, Teacher |
| **URL** | site\_url/ape/register.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  exam\_id : [string]  student\_id : [string]  seat\_num : [int] |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED |
| **Sample Call** | $.post("../ape/update\_student\_seat.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  exam\_id: “1071”,  student\_id: “07912345”,  seat\_num: 20}); |
| **Notes** |  |

# GRADE

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| **Title** | **Add exam category grade for a student** |
| **Description** | Add exam category grade for a student  Allowed types: Admin, Teacher, Grader |
| **URL** | site\_url/grade/add\_cat\_grade.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  grader\_exam\_cat\_id : [string]  student\_id : [string]  grade : [int] |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../grade/add\_cat\_grade.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  grader\_exam\_cat\_id: "1213",  student\_id: "07912345",  grade: 80}); |
| **Notes** |  |

|  |  |
| --- | --- |
| **Title** | **Add exam category grade for a student using seat number** |
| **Description** | Add exam category grade for a student using seat number to obscure student id  Allowed types: Admin, Teacher, Grader |
| **URL** | site\_url/grade/add\_cat\_grade\_by\_seat.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  grader\_exam\_cat\_id : [string]  exam\_id : [string]  seat\_num : [int]  grade : [int] |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../grade/add\_cat\_grade\_by\_seat.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  grader\_exam\_cat\_id: "1213",  seat\_num: 20,  grade: 80}); |
| **Notes** |  |

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| --- | --- |
| **Title** | **Add exam grade** |
| **Description** | Add exam overall grade for a student  Allowed types: Admin, Teacher, System |
| **URL** | site\_url/grade/add\_exam\_grade.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  exam\_id : [string]  student\_id : [string]  grade : [int]  passed : [int] (0 or 1) |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../grade/add\_exam\_grade.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  exam\_id: "1071",  student\_id: “07912345”,  grade: 80,  passed: 1}); |
| **Notes** |  |

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| --- | --- |
| **Title** | **Add final category grade** |
| **Description** | Add final grade of a category for a student  Allowed types: Admin, Teacher, System |
| **URL** | site\_url/grade/add\_final\_cat\_grade.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  student\_id : [string]  exam\_cat\_id : [string]  final\_grade : [int]  edited\_by : [string] (user id)  comment : [string] |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../grade/add\_final\_cat\_grade.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  student\_id: “07912345”,  exam\_cat\_id: “12”,  final\_grade: 20,  edited\_by: “111”,  comment : “this is a grade change”}); |
| **Notes** |  |

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| --- | --- |
| **Title** | **Finalize all students’ grades of an APE** |
| **Description** | Finalize all students’ grades of an APE  Check student’s attempt and change state accordingly  Send email to all students to notify grades availability  Allowed types: Admin, Teacher, System |
| **URL** | site\_url/grade/finalize\_all\_grade.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  exam\_id : [string] |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../grade/finalize\_all\_grade.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  exam\_id: “1071”}); |
| **Notes** |  |

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| --- | --- |
| **Title** | **Get info about a grader’s assigned exam categories** |
| **Description** | Get info about a grader’s assigned exam categories  Allowed types: Admin, Teacher, Grader |
| **URL** | site\_url/grade/get\_assigned\_exam\_cat.php |
| **Method** | GET |
| **URL Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string] |
| **Data Params** |  |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  [  {  "exam\_name": "Winter APE",  "cat\_name": "General",  "exam\_id": "4",  "possible\_grade": "25",  "grader\_exam\_cat\_id": "13"  },  {  "exam\_name": "Winter APE",  "cat\_name": "Data Abstraction",  "exam\_id": "4",  "possible\_grade": "35",  "grader\_exam\_cat\_id": "14"  }  ] |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.get("../grade/get\_assigned\_exam\_cat.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”},  function(data){},  "json"); |
| **Notes** |  |

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| --- | --- |
| **Title** | **Get overall exam grade** |
| **Description** | Get overall exam grade and pass/fail status of a student  Allowed types: Admin, Teacher, Student |
| **URL** | site\_url/grade/get\_exam\_grade.php |
| **Method** | GET |
| **URL Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  student\_id : [string] |
| **Data Params** |  |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  [  {  "student\_id": "007",  "f\_name": "Bond",  "l\_name": "James Bond",  "grade": "90",  "passed": "1"  }  ] |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.get("../grade/get\_exam\_grade.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  student\_id: "007"},  function(data){},  "json"); |
| **Notes** |  |

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| --- | --- |
| **Title** | **Get final category grade** |
| **Description** | Get a student's finalized grade for a category in an exam  Allowed types: Admin, Teacher, System |
| **URL** | site\_url/grade/get\_final\_cat\_grade.php |
| **Method** | GET |
| **URL Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  student\_id : [string]  exam\_cat\_id : [string] |
| **Data Params** |  |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  [  {  "final\_grade": "90",  "comment": "yay",  "edited\_by": "Tom Capaul"  }  ] |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.get("../grade/get\_final\_cat\_grade.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  student\_id: "007",  exam\_cat\_id: "31"},  function(data){},  "json"); |
| **Notes** |  |

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| --- | --- |
| **Title** | **Get graded seats per grader** |
| **Description** | Get the total graded seats of an assigned grader per exam  Allowed types: Admin, Teacher, Grader |
| **URL** | site\_url/grade/get\_graded\_seats\_per\_grader.php |
| **Method** | GET |
| **URL Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  grader\_exam\_cat\_ids : [array] |
| **Data Params** |  |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  [  {  "grader\_exam\_cat\_id": "4",  "student\_id": "007",  "grade": "23"  }  ] |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.get("../grade/get\_graded\_seats\_per\_grader.php",  { requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  grader\_exam\_cat\_ids: ["46", "48"]},  function(gradedSeats){},  "json"); |
| **Notes** |  |

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| --- | --- |
| **Title** | **Get graders** |
| **Description** | Get the graders of an exam, an exam category, or all exams in the Grading state  Allowed types: Admin, Teacher, Grader |
| **URL** | site\_url/grade/get\_graders.php |
| **Method** | GET |
| **URL Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  request : [string] ("get\_by\_exam\_id", "get\_by\_open\_exams", "get\_by\_exam\_cat\_id")  **If request get\_by\_exam\_id**  **Required**  exam\_id : [string]  **If request get\_by\_exam\_cat\_id**  **Required**  exam\_cat\_id : [string] |
| **Data Params** |  |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  **get\_by\_exam\_id**  [  {  "user\_id": "x",  "assigned\_cat\_num": "1",  "exam\_id": "10",  "f\_name": "Tom",  "l\_name": "Capaul",  "grader\_exam\_cat\_id": [  "46"  ]  }  ]  **get\_by\_open\_exams**  [  {  "user\_id": "x",  "grader\_exam\_cat\_id": "11",  "possible\_grade": "25",  "exam\_id": "4"  },  {  "user\_id": "y",  "grader\_exam\_cat\_id": "15",  "possible\_grade": "25",  "exam\_id": "4"  }  ]  **get\_by\_exam\_cat\_id**  [  {  "user\_id": "y"  }  ] |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.get("../grade/get\_graders.php",  { requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  request: "get\_by\_exam\_cat\_id",  exam\_cat\_id: "1"},  function(graderData){},  "json"); |
| **Notes** |  |

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| --- | --- |
| **Title** | **Get number of students per each exam category** |
| **Description** | Gets the number of students registered for each category assigned to requesting grader  Allowed types: Admin, Teacher, Grader |
| **URL** | site\_url/grade/get\_num\_students\_per\_exam\_cat.php.php |
| **Method** | GET |
| **URL Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string] |
| **Data Params** |  |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  [  {  "grader\_exam\_cat\_id": "1",  "exam\_id": "1071",  "cat\_id": "1",  "num\_student": "7"  },  {  "grader\_exam\_cat\_id": "2",  "exam\_id": "1071",  "cat\_id": "2",  "num\_student": "7"  }  ] |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.get("../grade/get\_num\_students\_per\_exam\_cat.php.php",  { requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”},  function(data){},  "json"); |
| **Notes** |  |

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| --- | --- |
| **Title** | **Get ungraded seats** |
| **Description** | Get seat numbers in the passed in exam that have not gotten grades for the passed in grader-exam-category combination  Allowed types: Admin, Teacher, Grader |
| **URL** | site\_url/grade/get\_num\_students\_per\_exam\_cat.php |
| **Method** | GET |
| **URL Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  exam\_id : [string]  grader\_exam\_cat\_id : [string] |
| **Data Params** |  |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  [  {  "seat\_num": "3"  }  ] |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.get("../grade/get\_ungraded\_seats.php",  { requester\_id: “333”,  requester\_type: “Grader”,  requester\_session\_id: “1234abcd”,  grader\_exam\_cat\_id: "31",  exam\_id: "12"},  function(ungradedSeats){},  "json"); |
| **Notes** |  |

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| **Title** | **Pass/fail a student** |
| **Description** | Pass or fail a student for the passed in exam  Allowed types: Admin |
| **URL** | site\_url/grade/pass\_fail\_student.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  exam\_id : [string]  student\_id : [string]  passed : [string] ("0" or "1") |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../grade/pass\_fail\_student.php",  { requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  exam\_id: "1",  student\_id: "007",  passed: "1"}); |
| **Notes** |  |

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| --- | --- |
| **Title** | **Update category grade** |
| **Description** | Update the exam category grade (not final) for a student  Allowed types: Admin, Teacher |
| **URL** | site\_url/grade/update\_cat\_grade.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  grader\_exam\_cat\_id : [string]  student\_id : [string]  grade : [string] |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../grade/update\_cat\_grade.php",  { requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  grader\_exam\_cat\_id: "1",  student\_id: "007",  grade: "15"}); |
| **Notes** |  |

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| --- | --- |
| **Title** | **Update exam grade** |
| **Description** | Update the exam grade for a student  Allowed types: Admin, Teacher |
| **URL** | site\_url/grade/update\_exam\_grade.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  exam\_id : [string]  student\_id : [string]  grade : [string]  passed : [string] ("0" or "1") |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../grade/update\_exam\_grade.php",  { requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  exam\_id: "1",  student\_id: "007",  grade: "15",  passed: "0"}); |
| **Notes** |  |

# CATEGORY

|  |  |
| --- | --- |
| **Title** | **Create Category** |
| **Description** | Create a new category.  Allowed types: Admin, Teacher |
| **URL** | site\_url/category/create\_category.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  name: [string] |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  id |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../category/create\_category.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  name: "Category"},  function(lastInsertId){  },  "json"); |
| **Notes** |  |

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| --- | --- |
| **Title** | **Get All Categories** |
| **Description** | Get all categories or one specified by cat\_id  Allowed types: Admin, Teacher, Grader |
| **URL** | site\_url/category/get\_all\_categories.php |
| **Method** | GET |
| **URL Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  **Optional**  cat\_id : [string] |
| **Data Params** |  |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  **Without cat\_id**  [  {  "cat\_id": "1",  "name": "Recursion"  },  {  "cat\_id": "2",  "name": "Linked List"  },  {  "cat\_id": "3",  "name": "General"  },  {  "cat\_id": "4",  "name": "Data Abstraction"  }  ]  **With cat\_id**  [  {  "cat\_id": "2",  "name": "Linked List"  }  ] |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.get("../category/get\_all\_categories.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  cat\_id: “2”},  function(data){  },  "json"); |
| **Notes** |  |

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| --- | --- |
| **Title** | **Remove Category** |
| **Description** | Remove a category.  Allowed types: Admin |
| **URL** | site\_url/category/remove\_category.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  cat\_id : [string] |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../category/remove\_category.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  cat\_id: "1"},  function(lastInsertId){  },  "json"); |
| **Notes** | This operation will fail if the category has been used in an APE. |

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| --- | --- |
| **Title** | **Update Category** |
| **Description** | Update a category.  Allowed types: Admin, Teacher |
| **URL** | site\_url/category/update\_category.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  cat\_id : [string]  name : [string] |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../category/update\_category.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  cat\_id: "1",  name: "New Name"},  function(lastInsertId){  },  "json"); |
| **Notes** |  |

# LOCATION

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| --- | --- |
| **Title** | **Create Location** |
| **Description** | Create a new location.  Allowed types: Admin, Teacher |
| **URL** | site\_url/location/create\_location.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  name: [string]  seats: [string] |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  Id |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../location/create\_location.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  name: "Location",  seats: "25"},  function(lastInsertId){},  "json"); |
| **Notes** |  |

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| --- | --- |
| **Title** | **Get All Locations** |
| **Description** | Get all locations or one specified by cat\_id  Allowed types: Admin, Teacher, Student, 000 |
| **URL** | site\_url/location/get\_all\_locations.php |
| **Method** | GET |
| **URL Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  **Optional**  loc\_id : [string] |
| **Data Params** |  |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  **Without loc\_id**  [  {  "loc\_id": "1",  "name": "CEB 207",  "seats": "40"  },  {  "loc\_id": "2",  "name": "CEB 208",  "seats": "35"  },  {  "loc\_id": "3",  "name": "CEB 207 and 208",  "seats": "75"  }  ]  **With loc\_id**  [  {  "loc\_id": "2",  "name": "CEB 208",  "seats": "35"  }  ] |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.get("../location/get\_all\_locations.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  loc\_id: “2”},  function(data){  },  "json"); |
| **Notes** |  |
| **Title** | **Remove Location** |
| **Description** | Remove a location.  Allowed types: Admin |
| **URL** | site\_url/location/remove\_location.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  loc\_id : [string] |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../location/remove\_location.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  loc\_id: "1"},  function(lastInsertId){  },  "json"); |
| **Notes** | This operation will fail if the location has been used for an APE. |

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| --- | --- |
| **Title** | **Update Location** |
| **Description** | Update a location.  Allowed types: Admin, Teacher |
| **URL** | site\_url/location/update\_location.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  loc\_id : [string]  name : [string]  seats: [seats] |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../location/update\_location.php",  {requester\_id: “111”,  requester\_type: “Admin”,  requester\_session\_id: “1234abcd”,  loc\_id: "1",  name: "New Name",  seats: "26"},  function(lastInsertId){  },  "json"); |
| **Notes** |  |

# SETTINGS

|  |  |
| --- | --- |
| **Title** | **Get settings** |
| **Description** | Get the current settings  Allowed types: Admin, Teacher, Grader, Student |
| **URL** | site\_url/settings/get\_settings.php |
| **Method** | GET |
| **URL Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string] |
| **Data Params** |  |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  {  "catGraderLimit": "3",  "pointDiffRange": "5",  "fallStart": "2017-09-20",  "fallEnd": "2017-12-08",  "winterStart": "2018-01-08",  "winterEnd": "2018-03-23",  "springStart": "2018-04-02",  "springEnd": "2018-06-15",  "summerStart": "2018-06-25",  "summerEnd": "2018-08-17",  "contactEmail": "ssteiner@ewu.edu",  "contactName": "Stu Steiner",  "curQuarterStart": "",  "curQuarterEnd": ""  } |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.get("../settings/get\_settings.php",  {requester\_id: “111”,  requester\_type: "Admin",  requester\_session\_id: "abcd1234"},  function(data){},  "json"); |
| **Notes** |  |

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| --- | --- |
| **Title** | **Update setting** |
| **Description** | Update one setting  Allowed types: Admin |
| **URL** | site\_url/settings/update\_setting.php |
| **Method** | POST |
| **URL Params** |  |
| **Data Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  name : [string]  value : [string] |
| **Success Response** | **Code:** 200 SUCCESS |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | $.post("../settings/update\_setting.php",  {requester\_id: “111”,  requester\_type: "Admin",  requester\_session\_id: “1234abcd”,  name: “pointDiffRange”,  value: “5”}); |
| **Notes** |  |

# HOMEPAGE

|  |  |  |  |
| --- | --- | --- | --- |
| **Title** | **Get all sections** | | |
| **Description** | Get all sections of the homepage HTML, or one specified by content\_id  Allowed types: Admin, Teacher, Student, 000 | | |
| **URL** | site\_url/homepage/get\_all\_sections.php | | |
| **Method** | GET | | |
| **URL Params** | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  request : [string] ("get\_by\_id" or "get\_all")  **If request get\_by\_id**  **Required**  content\_id : [string] | | |
| **Data Params** |  | | |
| **Success Response** | **Code:** 200 SUCCESS  **Content**  **get\_by\_id**  [  {  "content\_id": "1",  "title": "Exam Environment",  "html\_content": "<p>Linux Operating System</p><p>Editors</p><ul><li>JGrasp</li><li>GEdit</li><li>Eclipse</li></ul><p>JDK 8.0 (1.8.x)</p><p>Java API Documentation</p><p>No Internet access</p><p>No notes or texts allowed</p><p>The exam is now a Test Driven Design Exam where you are writing code based on the provided tests<br></p>"  }  ]    **get\_all**  [  {  "content\_id": "1",  "title": "Exam Environment",  "html\_content": "<p>Linux Operating System</p><p>Editors</p><ul><li>JGrasp</li><li>GEdit</li><li>Eclipse</li></ul><p>JDK 8.0 (1.8.x)</p><p>Java API Documentation</p><p>No Internet access</p><p>No notes or texts allowed</p><p>The exam is now a Test Driven Design Exam where you are writing code based on the provided tests<br></p>"  },  {  "content\_id": "2",  "title": "Exam Specififcs",  "html\_content": "<p><span style=\"font-size: 14px;\">The Computer Science Department has determined that the distribution of points within the exam will be as follows:</span></p><hr><p><b><span style=\"font-size: 14px;\">General Program Design: 30%</span></b><br></p><ul><li><span style=\"font-size: 14px;\">Penalty points can be assessed in this category for grossly inefficient **(continued.....)**  },  {  "content\_id": "3",  "title": "Problem Areas Identified From Previous Exams",  "html\_content": "<ul><li>Not following directions</li><li>Not reading the specifications in their entirety — make sure you read all directions before you begin writing code.&nbsp; A prime example is ignoring specifications related to whether the linked list does or does not have a header/sentinel node.</li><li>Not placing files in specified location</li><li>Not naming files as specified</li><li>Modifying files that were to be left alone</li><li>Unfamiliarity with keywords in Java required for basic things like inheritance (extends) and interface use (implements)</li><li>Spending too much time on one item</li><li>Inability to implement simple recursion</li></ul>"  },  {  "content\_id": "4",  "title": "Basic Strategies You Should Use",  "html\_content": "<ul><li>Stub the methods out that you have to write, then fill them in with useful code when you are ready</li><li>Read the directions carefully, then look at the sample input and output before you begin writing code</li><li>Comment out items that don't compile so you can test other parts of your solution (this includes methods you can't get to work and method calls that may occur from elsewhere — like in the main method of the program).&nbsp; Note, however, that your code will be tested using the original driver file, not your edited one.</li></ul>"  },  {  "content\_id": "5",  "title": "Practice Exams",  "html\_content": "NOTE: This is just a sample exam — do not expect the exam you take to be formatted in precisely the same way, with the same number of classes, methods, etc. — this is just for practice and to give you an idea of what to expect.&nbsp; The amount of code you are asked to write on this exam is similar to the amount you will have to write on the actual exam.&nbsp; The topics on this exam are a selection from the list given at the top of this web page; the actual exam you take may have topics not addressed on this exam, but which are a part of the list above."  },  {  "content\_id": "6",  "title": "NOTES",  "html\_content": "<ul><li><b style=\"color: rgb(206, 0, 0);\">Any student requesting accomodations based on DSS, must send an email to [tcapaul@ewu.edu](mailto:tcapaul@ewu.edu) at least one week prior to the exam.</b></li><li>You are allowed to take the APE only three (3) times without passing.</li><li>It is your responsibility to register for the exam online. If you show up to the exam without registering, you may be turned away</li><li>Online registration is done through this page.</li></ul>"  }  ] | | |
| **Error Response** | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST | | |
| **Sample Call** | $.get("../homepage/get\_all\_sections.php",  {requester\_id: “111”,  requester\_type: "Admin",  requester\_session\_id: "abcd1234",  request: "get\_by\_id",  content\_id: "1"},  function(data){},  "json"); | | |
| **Notes** |  | | |
| **Title** | | **Update section** |
| **Description** | | Update the content or title of a section of the homepage HTML  Allowed types: Admin |
| **URL** | | site\_url/homepage/update\_section.php |
| **Method** | | POST |
| **URL Params** | |  |
| **Data Params** | | **Required**  requester\_id : [string]  requester\_type : [string]  requester\_session\_id : [string]  request : [string] ("update\_title" or "update\_body")  content\_id : [string]  content : [string] |
| **Success Response** | | **Code:** 200 SUCCESS |
| **Error Response** | | **Code:** 401 UNAUTHORIZED  **Code:** 400 BAD REQUEST |
| **Sample Call** | | $.post("../homepage/update\_section.php",  {requester\_id: “111”,  requester\_type: "Admin",  requester\_session\_id: “1234abcd”,  request: “update\_title”,  content\_id: “1”,  content: "New Title"}); |
| **Notes** | |  |