EASTERN WASHINGTON UNIVERSITY

ADVANCEMENT PROGRAMMING EXAM WEBSITE

API DOCUMENTATION

Senior Capstone Class 2017

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ACCOUNT

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 | |

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	

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",
	    "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** | |

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	

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** | ```javascript
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

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	

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	

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	

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

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",
```

	``json
	      "possible_grade": "120",
	      "passing_grade": "105",
	      "duration": "4",
	      "start_time": "09:00 AM",
	      "cutoff": "2",
	      "remaining_seats": 34
	    }
	]
	``

	get_student_apes

	``json
	[
	    {
	      "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	```javascript
	$.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	

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
	<pre>[
	  {
	    "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"
	  }
	]</pre>

Error Response	**Code:** 401 UNAUTHORIZED **Code:** 400 BAD REQUEST

Sample Call	<pre>$.get("../ape/get_exam_cats.php",
	      {requester_id: "111",
	      requester_type: "Admin",
	      requester_session_id: "1234abcd",
	      exam_id: itemId},
	      function(data){},
	      "json");</pre>

Notes	

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	

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 | |

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.

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.

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

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	

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	

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 | |

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	

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	

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	

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	

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	

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** | |

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	

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	

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	

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	

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	

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** | |

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.

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

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	

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.

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	

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": " Linux Operating System Editors - JGrasp - GEdit - Eclipse JDK 8.0 (1.8.x) Java API Documentation No Internet access No notes or texts allowed The exam is now a Test Driven Design Exam where you are writing code based on the provided tests
	 "
	  }
	]
	
	get_all
	[
	  {
	    "content_id": "1",
	    "title": "Exam Environment",
	    "html_content": " Linux Operating System Editors - JGrasp - GEdit - Eclipse JDK 8.0 (1.8.x) Java API Documentation No Internet access No notes or texts allowed The exam is now a Test Driven Design Exam where you are writing code based on the provided tests
	 "
	  },
	  {
	    "content_id": "2",
	    "title": "Exam Specififcs",
	    "html_content": " The Computer Science Department has determined that the distribution of points within the exam will be as follows: <hr> General Program Design: 30%
	     <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": "
Not following directions
Not reading the specifications in their entirety — make sure you read all directions before you begin writing code. A prime example is ignoring specifications related to whether the linked list does or does not have a header/sentinel node.
Not placing files in specified location
Not naming files as specified
Modifying files that were to be left alone
Unfamiliarity with keywords in Java required for basic things like inheritance (extends) and interface use (implements)
Spending too much time on one item
Inability to implement simple recursion
"
    },
    {
"content_id": "4",
"title": "Basic Strategies You Should Use",
"html_content": "
Stub the methods out that you have to write, then fill them in with useful code when you are ready
Read the directions carefully, then look at the sample input and output before you begin writing code
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). Note, however, that your code will be tested using the original driver file, not your edited one.
"
    },
    {
"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. 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. 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": "
<b style=\"color: rgb(206, 0, 0);\">Any student requesting accomodations based on DSS, must send an email to tcapaul@ewu.edu at least one week prior to the exam.
You are allowed to take the APE only three (3) times without passing.
It is your responsibility to register for the exam online. If you show up to the exam without registering, you may be turned away
Online registration is done through this page.
"
    }
]

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	