Zhift API

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Error JSON:
{Status, Name, Message}

Organization
URIs relative to **/org**, unless otherwise noted:

Method	HTTP request	Description

POST	**/**
	
	Request Body:
	{ name: **"ORG_NAME"** }
		Creates an organization with a given unique name.
		
		Response: Organization JSON.
		
		Success:
		{ _id: AUTOGENERATED,
		name: **"ORG_NAME"**}
		
		Failure:
		Error JSON
		
		    1. Given name is not unique
		        ● **Status**:
		        ● **Name**: Bad Input
		        ● **Message**: Organization name already exists!
		    2. Unable to create mongo object
		        ● **Status**:
		        ● **Name**: Server Failure
		        ● **Message**: Unable to process request

GET	/:name **Request Body:** {}	Retrieves the organization object with a given name. **Response:** Organization JSON. **Success:** { _id: AUTOGENERATED, name: **name**}

Failure:
Error JSON

1. Organization with given ID does not exist
   - **Status**:
   - **Name**: Bad Input
   - **Message**: An organization with that ID does not exist!
2. Unable to get mongo object
   - **Status**:
   - **Name**: Server failure
   - **Message**: Unable to process request

Schedule
URIs relative to **/schedule**, unless otherwise noted:

Method	HTTP request	Description

POST	**/**
	Request Body:
	{ org:
	"Applebee's",
	role: **"Cashier"** }
		Creates a new schedule with a unique role name associated with an existing organization
		
		Response: Schedule JSON.
		
		Success:
		{ _id: AUTOGENERATED,
		org: **"Applebee's"**,
		role: **"Cashier"**}
		
		Failure:
		Error JSON
		
		1. Organization with given name does not exist
		    ● **Status**:
		    ● **Name**: Bad Input
		    ● **Message**: Cannot create schedule: An organization with that name does not exist!
		2. A Schedule with that role already exists
		    ● **Status**:
		    ● **Name**: Bad Input
		    ● **Message**: Cannot create schedule: A schedule with this role already exists
		3. Request is not from a manager of the org
		    ● **Status**:
		    ● **Name**: Invalid permissions
		    ● **Message**: You do not have permission to add a schedule to this organization
		4. Unable to get mongo object
		    ● **Status**:
		    ● **Name**: Server failure
		    ● Message: Unable to process request

PUT	/delete/:id **Request Body:**	Removes a schedule with the given id. **Response:** JSON.

	{}	**Success:**
		{}
		
		Failure:
		Error JSON
		
		1. Schedule with given ID does not exist
		   ● **Status**:
		   ● **Name**: Bad Input
		   ● **Message**: Cannot remove schedule: Schedule with given ID does not exist
		2. Request is not from a manager of the org
		   ● **Status**:
		   ● **Name**: Invalid permissions
		   ● **Message**: You do not have permission to remove a schedule to this organization
		3. Unable to remove mongo object
		   ● **Status**:
		   ● **Name**: Server failure
		   ● **Message**: Unable to process request

GET	/:id	Gets a new schedule with the given id
		
		Response: Schedule JSON.
		
		Success:
		{ _id: **id**,
		org: "Applebee's",
		role: "Cashier"}
		
		Failure:
		Error JSON
		
		1. Schedule with given ID does not exist
		   ● **Status**:
		   ● **Name**: Bad Input
		   ● **Message**: A schedule with that ID does not exist!
		2. Request is not from a manager of the org or from an employee belonging to that schedule
		   ● **Status**:
		   ● **Name**: Invalid permissions
		   ● **Message**: You do not have permission to view this schedule

		3. Unable to get mongo object
		   ● **Status**:
		   ● **Name**: Server failure
		   ● **Message**: Unable to process request

GET	/all/:orgName	Gets all the schedules associated with an organization of given name (used as id)
		
		Response: JSON.
		
		Success:
		{schedules: [
		   { _id: AUTOGENERATED,
		   org: **orgName**,
		   role: "Cashier"},
		
		   { _id: AUTOGENERATED,
		   org: **orgName**,
		   role: "Chefs"},
		] }
		
		Failure:
		Error JSON
		
		1. Organization with given ID does not exist
		   ● **Status**:
		   ● **Name**: Bad Input
		   ● **Message**: An organization with that ID does not exist!
		2. Request is not from a manager of the org
		   ● **Status**:
		   ● **Name**: Invalid permissions
		   ● **Message**: You do not have permission to get all schedules of this organization
		3. Unable to get mongo object
		   ● **Status**:
		   ● **Name**: Server failure
		   ● **Message**: Unable to process request

User
URIs relative to **/user**, unless otherwise noted:

Method	HTTP request	Description

POST	/manager
	
	Request Body:
	{ username: **"Brad"**,
	email:
	"brad@email.com",
	password: **"xxx"**,
	org: **"Applebee's"** }
		Creates a new manager for the given organization. User emails are unique within an organization
		
		Response: Manager JSON.
		
		Success:
		{ _id: AUTOGENERATED,
		name: **"Brad"**
		email: **"brad@email.com"**,
		org: **"Applebee's"** }
		
		Failure:
		Error JSON
		
		  1. Username already exists
		    • **Status**:
		    • **Name**: Bad Input
		    • **Message**: Cannot create manager: A user in this organization already has this username!
		  2. Given organization does not exist
		    • **Status**:
		    • **Name**: Bad Input
		    • **Message**: Cannot create manager: Organization does not exist!
		  3. Request is not from a manager of the org
		    • **Status**:
		    • **Name**: Invalid permissions
		    • **Message**: You do not have permission to create and add a manager to this organization
		  4. Unable to create mongo object
		    • **Status**:

		● **Name**: Server failure ● Message: Unable to process request

POST	**/employee**
	
	Request Body:
	{ username: **"Sara"**,
	email:
	"sara@email.com",
	password: **"xxx"**,
	org: **"Applebee's"**,
	role: **"Cashier"**}
		Creates a new employee for the given organization.
		
		User emails are unique within an organization
		
		Response: Employee JSON.
		
		Success:
		{ _id: AUTOGENERATED,
		username: **"Sara"**,
		email: **"sara@email.com"**, password: **"xxx"**,
		org: **"Applebee's"**,
		schedule: <**"Cashier"** Schedule ID>}
		
		Failure:
		Error JSON
		
		1. Username already exists
		   ● **Status**:
		   ● **Name**: Bad Input
		   ● **Message**: Cannot create employee: A user in this organization already has this username!
		2. Given organization does not exist
		   ● **Status**:
		   ● **Name**: Bad Input
		   ● **Message**: Cannot create employee: Organization does not exist!
		3. Given shift does not exist
		   ● **Status:**
		   ● **Name:** Bad Input
		   ● **Message:** Cannot create employee: shift does not exist
		4. Request is not from a manager of the org
		   ● **Status**:
		   ● **Name**: Invalid permissions
		   ● **Message**: You do not have permission to create and add a employee to this organization
		5. Unable to create mongo object
		   ● **Status**:
		   ● **Name**: Server failure

		● Message: Unable to process request

GET	/manager/:id
	
	Request body:
	{}
		Gets a manager object with given id
		
		Response: Manager JSON.
		
		Success:
		{ _id: AUTOGENERATED,
		username: "vickyg",
		name: "Vicky"
		email: "vickyg@mit.edu",
		org: "Zhift" }
		
		Failure:
		Error JSON
		
		   1. ID does not exist
		      ● **Status**:
		      ● **Name**: Bad Input
		      ● **Message**: A manager with the given id does not exist
		   2. Request is not from a user of the org
		      ● **Status**:
		      ● **Name**: Invalid permissions
		      ● **Message**: You do not have permission to get this manager
		   3. Unable to get mongo object
		      ● **Status**:
		      ● **Name**: Server failure
		      ● Message: Unable to process request

GET	/employee/:id **Request body:** {}	Gets a employee object with given id **Response:** Employee JSON. **Success:** { _id: AUTOGENERATED, username: "vickyg", name: "Vicky" email: "vickyg@mit.edu", org: "Zhift", schedule: <Schedule ID>} **Failure:**

		Error JSON
		
		1. ID does not exist
		  ● **Status**:
		  ● **Name**: Bad Input
		  ● **Message**: An employee with the given id does not exist
		2. Request is not from a user of the org
		  ● **Status**:
		  ● **Name**: Invalid permissions
		  ● **Message**: You do not have permission to get this employee
		3. Unable to get mongo object
		  ● **Status**:
		  ● **Name**: Server failure
		  ● Message: Unable to process request

PUT	/manager/:id
	
	Request Body:
	{}
		Request to change password of manager with given id.
		
		Response: JSON.
		
		Success:
		{}
		
		Failure:
		Error JSON
		
		1. ID does not exist
		  ● **Status**:
		  ● **Name**: Bad Input
		  ● **Message**: A manager with the given id does not exist
		2. Request is not from owner or manager
		  ● **Status**:
		  ● **Name**: Invalid permissions
		  ● **Message**: You do not have permission to edit this manager
		3. Unable to get mongo object
		  ● **Status**:
		  ● **Name**: Server failure
		  ● Message: Unable to process request

PUT	/employee/:id
	
	Request body:
	{}
		Request to change password of employee with given id.
		
		Response: JSON.
		
		Success:
		{}
		
		Failure:
		Error JSON
		
		1. ID does not exist
		   ● **Status**:
		   ● **Name**: Bad Input
		   ● **Message**: An employee with the given id does not exist
		2. Request is not from owner or manager
		   ● **Status**:
		   ● **Name**: Invalid permissions
		   ● **Message**: You do not have permission to edit this employee
		3. Unable to get mongo object
		   ● **Status**:
		   ● **Name**: Server failure
		   ● Message: Unable to process request

GET	/org/:id/manager
	
	Request body:
	{}
		Get all managers associated with the organization of the given id.
		
		Response: JSON.
		
		Success:
		{managers: [
		   { _id: AUTOGENERATED,
		   email: "vickyg@mit.edu",
		   username: "vickyg",
		   name: "vicky"
		   org: "Zhift"},
		
		   { _id: AUTOGENERATED,
		   email: "aren@mit.edu",
		   username: "aren",
		   name: "anji"
		   org: "Zhift"},

] }

Failure:
Error JSON

1. Org ID does not exist
    - **Status**:
    - **Name**: Bad Input
    - **Message**: An organization with the given id does not exist
2. Request is not manager of organization
    - **Status**:
    - **Name**: Invalid permissions
    - **Message**: You do not have permission to get managers for this organization
3. Unable to get mongo object
    - **Status**:
    - **Name**: Server failure
    - Message: Unable to process request

| GET | /org/:id/employee

Request body:
{} | Get all employees associated with the organization of the given id.

Response: JSON.

Success:
{employees: [
    { _id: AUTOGENERATED,
    email: "vickyg@mit.edu",
    username: "vickyg",
    name: "vicky"
    org: "Zhift",
    schedule: <Schedule ID>},

    { _id: AUTOGENERATED,
    email: "aren@mit.edu",
    username: "aren",
    name: "anji"
    org: "Zhift",
    schedule: <Schedule ID>},
] } |

		Failure:
		Error JSON
		
		1. Org ID does not exist
		   • **Status**:
		   • **Name**: Bad Input
		   • **Message**: An organization with the given id does not exist
		2. Request is not manager of organization
		   • **Status**:
		   • **Name**: Invalid permissions
		   • **Message**: You do not have permission to get managers for this organization
		3. Unable to get mongo object
		   • **Status**:
		   • **Name**: Server failure
		   • Message: Unable to process request

DELETE	**/:id**
	
	Request Body:
	{}
		Removes a user from the organization and from the database
		
		Response: JSON.
		
		Success:
		{}
		
		Failure:
		Error JSON
		
		1. User ID does not exist
		   • **Status**:
		   • **Name**: Bad Input
		   • **Message**: An user with the given id does not exist
		2. Request is not manager of organization
		   • **Status**:
		   • **Name**: Invalid permissions
		   • **Message**: You do not have permission to remove users for this organization
		3. Unable to get mongo object
		   • **Status**:
		   • **Name**: Server failure
		   • Message: Unable to process request

GET	**/sched/:id/**	Get all employees associated with a schedule with the given ID
		Response: JSON.
		Success: {employees: [{ _id: AUTOGENERATED, email: "vickyg@mit.edu", username: "vickyg", name: "vicky" org: "Zhift", schedule: \<Schedule ID>}, { _id: AUTOGENERATED, email: "aren@mit.edu", username: "aren", name: "anji" org: "Zhift", schedule: \<Schedule ID>},] }
		Failure: Error JSON 1. Schedule ID does not exist ● **Status**: ● **Name**: Bad Input ● **Message**: A schedule with the given id does not exist 2. Request is not manager of organization ● **Status**: ● **Name**: Invalid permissions ● **Message**: You do not have permission to get employees of a schedule for this organization 3. Unable to get mongo object ● **Status**: ● **Name**: Server failure ● Message: Unable to process request

Record
URIs relative to **/record**, unless otherwise noted:

Method	HTTP request	Description
GET	**/:id** **Request Body:** {}	Gets a record with given id **Response:** Record JSON. **Success:** { _id: AUTOGENERATED, schedule: <Schedule ID>, content: "Person A traded shift 1 for Person B's shift 2" } **Failure:** Error JSON 1. Record does not exist ● **Status**: ● **Name**: Bad Input ● **Message**: Record with given id does not exist. 2. Request is not from either manager of this org, or user of this schedule. ● **Status:** ● **Name**: Invalid permissions ● **Message**: You do not have permission to get this record 3. Unable to get mongo object ● **Status**: ● **Name**: Server failure ● **Message**: Unable to process request

GET	/sched/:sched_id
	
	Request Body:
	{}
		Gets all records associated with a schedule
		
		Response: JSON.
		
		Success:
		{Records: [
		    { _id: AUTOGENERATED,
		    schedule: <Schedule ID>,
		    content: "Person A traded shift 1 for Person B's shift 2" },
		
		    { _id: AUTOGENERATED,
		    schedule: <Schedule ID>,
		    content: "Person C traded shift 3 for Person D's shift 4" },
		
		]}
		
		Failure:
		Error JSON
		
		1. Schedule does not exist
		    ● **Status**:
		    ● **Name**: Bad Input
		    ● **Message**: Schedule with given id does not exist.
		2. Request is not from either manager of this org, or user of this schedule.
		    ● **Status:**
		    ● **Name**: Invalid permissions
		    ● **Message**: You do not have permission to get this record
		3. Unable to get mongo object
		    ● **Status**:
		    ● **Name**: Server failure
		    ● **Message**: Unable to process request

Template Shift
URIs relative to **/template**, unless otherwise noted:

Method	HTTP request	Description
POST	/ **Request Body:** { dayOfWeek: "Tuesday", start: "MM:HH", end: "MM:HH", responsiblePerson: <Employee Id>, schedule: <Schedule Id> }	Creates a new template shift associated with a schedule. **Response:** Template Shift JSON. **Success:** { _id: AUTOGENERATED, dayOfWeek: "Tuesday", start: "MM:HH", end: "MM:HH", responsiblePerson: <Employee Id>, schedule: <Schedule Id> }
GET	/all/:scheduleId **Request Body:** {}	Get all template shifts associated with specified schedule. **Response:** Multiple Template Shift JSON. **Success:** [{ _id: AUTOGENERATED, dayOfWeek: "Tuesday", start: "MM:HH", end: "MM:HH", responsiblePerson: <Employee Id>, schedule: **scheduleId** } … { _id: AUTOGENERATED, dayOfWeek: "Friday", start: "MM:HH", end: "MM:HH", responsiblePerson: <Employee Id>, schedule: **scheduleId** }]

GET	/:id	Get template shift by id. **Response:** Template Shift JSON. **Success:** { _id: **id**, dayOfWeek: "Tuesday", start: "MM:HH", end: "MM:HH", responsiblePerson: <Employee ID>, schedule: scheduleId }
DELETE	/:id	Remove template shift by id. **Response:** JSON. **Success:** { _id: **id**, dayOfWeek: "Tuesday", start: "MM:HH", end: "MM:HH", responsiblePerson: <Employee ID>, schedule: scheduleId }
PUT	/reassign/:id **Request Body:** {employeeId: **<Employee ID>**}	Reassign person responsible for existing template shift. **Response:** Template Shift JSON. **Success:** { _id: **id**, dayOfWeek: "Tuesday", start: "MM:HH", end: "MM:HH", responsiblePerson: **<Employee ID>**, schedule: scheduleId }

Shift
URIs relative to **/shift**, unless otherwise noted:

Method	HTTP request	Description

POST	/
	
	Request Body:
	{ dayOfWeek: "Tuesday",
	start: String (HH:MM),
	end: String (HH:MM),
	responsiblePerson:
	<Employee Id>,
	schedule: <Schedule Id>,
	dateScheduled: Date
	}
		Creates a new actual shift associated with a schedule
		
		Response: Shift JSON.
		
		Success:
		{ _id: AUTOGENERATED,
		dayOfWeek: "Tuesday",
		start: "MM:HH",
		end: "MM:HH",
		responsiblePerson: <Employee Id>,
		schedule: <Schedule Id>,
		dateScheduled: Date,
		upForGrabs: False,
		upForSwap: False}
		
		Failure:
		Error JSON
		
		1. Invalid day of week
		  ● **Status**:
		  ● **Name**: Bad Input
		  ● **Message**: Cannot create shift: Day of week is invalid
		2. Start / End time invalid
		  ● **Status**:
		  ● **Name**: Bad Input
		  ● **Message**: Cannot create shift: start/end time invalid
		3. Given employee does not exist
		  ● **Status:**
		  ● **Name:** Bad Input
		  ● **Message:** Cannot create shift: responsible person does not exist
		4. Schedule does not exist
		  ● **Status:**
		  ● **Name:** Bad Input
		  ● **Message:** Cannot create shift: schedule with given id does not exist
		5. Unable to create mongo object
		  ● **Status:**

		● **Name**: Server failure ● **Message**: Unable to process request

GET	/:id	Get a shift by id.
		
		Success:
		[
		
		    { _id: **id**,
		    dayOfWeek: "Tuesday",
		    start: "MM:HH",
		    end: "MM:HH",
		    responsiblePerson: userId,
		    schedule: scheduleId,
		    dateScheduled: Date,
		    upForGrabs: True,
		    upForSwap: False}
		]

GET	/user/:id	Get all shifts associated with a user (specifically, an employee who is responsible for those shifts).
		
		Success:
		[
		
		    { _id: AUTOGENERATED,
		    dayOfWeek: "Tuesday",
		    start: "MM:HH",
		    end: "MM:HH",
		    responsiblePerson: **userId**,
		    schedule: scheduleId,
		    dateScheduled: Date,
		    upForGrabs: True,
		    upForSwap: False}
		]

GET	/all/:id	Getting all shifts associated with a schedule.
		
		Success:
		[
		
		    { _id: AUTOGENERATED,
		    dayOfWeek: "Tuesday",
		    start: "MM:HH",
		    end: "MM:HH",
		    responsiblePerson: <Employee Id>,
		    schedule: **scheduleId**,

		dateScheduled: Date,
		upForGrabs: True,
		upForSwap: False}
		]
		
		Failure:
		Error JSON
		
		1. Schedule ID does not exist
		    ● **Status**:
		    ● **Name**: Bad Input
		    ● **Message**: No actual schedule with ID exists
		2. Request is not from user of schedule.
		    ● **Status**:
		    ● **Name**: Invalid permissions
		    ● **Message**: You do not have permission to put this shift up for grabs.
		3. Unable to edit mongo object
		    ● **Status**:
		    ● **Name**: Server failure
		    ● **Message**: Unable to process request

PUT	/putUpForGrabs/:id **Request Body:** {}	Puts actual shift up for grabs **Response:** Shift JSON. **Success:** { _id: AUTOGENERATED, dayOfWeek: "Tuesday", start: "MM:HH", end: "MM:HH", responsiblePerson: <Employee Id>, schedule: <Schedule Id>, dateScheduled: Date, upForGrabs: True, upForSwap: False} **Failure:** Error JSON 1. Shift ID does not exist ● **Status**:

		● **Name**: Bad Input
		● **Message**: No actual shift with ID exists
		2. Request is not from owner of shift.
		   ● **Status**:
		   ● **Name**: Invalid permissions
		   ● **Message**: You do not have permission to put this shift up for grabs.
		3. Unable to edit mongo object
		   ● **Status**:
		   ● **Name**: Server failure
		   ● **Message**: Unable to process request

GET	/upForGrabs/:id
	
	Request Body:
	{}
		Getting all actual shifts associated with a schedule that is up for grabs
		
		Success:
		[
		    { _id: AUTOGENERATED,
		    dayOfWeek: "Tuesday",
		    start: "MM:HH",
		    end: "MM:HH",
		    responsiblePerson: <Employee Id>,
		    schedule: <Schedule Id>,
		    dateScheduled: Date,
		    upForGrabs: True,
		    upForSwap: False}
		]
		
		Failure:
		Error JSON
		
		1. Schedule ID does not exist
		   ● **Status**:
		   ● **Name**: Bad Input
		   ● **Message**: No actual schedule with ID exists
		2. Request is not from user of schedule.
		   ● **Status**:
		   ● **Name**: Invalid permissions

		• **Message**: You do not have permission to put this shift up for grabs.
		3. Unable to edit mongo object
		    • **Status**:
		    • **Name**: Server failure
		    • **Message**: Unable to process request

PUT	/claim/:id
	
	Request Body:
	{}
		Claims an actual shift that is up for grabs for the user who is currently logged in
		
		Response: Shift JSON.
		
		Success:
		{ _id: AUTOGENERATED,
		dayOfWeek: "Tuesday",
		start: "MM:HH",
		end: "MM:HH",
		responsiblePerson: <Employee Id>,
		schedule: <Schedule Id>,
		dateScheduled: Date,
		upForGrabs: True,
		upForSwap: False}
		
		Failure:
		Error JSON
		
		1. Shift ID does not exist
		    • **Status**:
		    • **Name**: Bad Input
		    • **Message**: No actual shift with ID exists
		2. Shift is not up for grabs
		    • **Status:**
		    • **Name:** Bad Input
		    • **Message:** This shift is not up for grabs
		3. Request is not from employee of the same schedule.
		    • **Status**:
		    • **Name**: Invalid permissions
		    • **Message**: You do not have permission to grab this shift.

		4. Unable to edit mongo object
		● **Status**:
		● **Name**: Server failure
		● **Message**: Unable to process request

Swap
URIs relative to **/swap**, unless otherwise noted:

Method	HTTP request	Description

POST	/
	
	 Request Body: {**shift**: <shift_id>, **schedule**: <schedule_id>}
		Creates a swap object for the given shift id
		
		 Note: shift must be an actual shift
		
		 Response: Swap JSON.
		
		 Success:
		 { shiftUpForSwap: <ShiftId>
		  shiftOfferedInReturn: null,
		  Schedule: <ScheduleId>
		 }
		
		 Failure:
		 Error JSON
		
		   1. Shift ID does not exist
		     ● **Status**:
		     ● **Name**: Bad Input
		     ● **Message**: Cannot create swap: Shift ID does not exist
		   2. Shift is not an actual shift
		     ● **Status**:
		     ● **Name**: Bad Input
		     ● **Message**: Cannot create swap: Shift is not an actual shift
		   3. Request is not from a owner of the shift
		     ● **Status**:
		     ● **Name**: Invalid permissions
		     ● **Message**: You do not have permission to create a swap for this shift
		   4. Unable to create mongo object
		     ● **Status**:

		● **Name**: Server failure ● **Message**: Unable to process request

GET	/:id
	
	Request Body:
	{}
		Getting all non-responded swap objects associated with a schedule
		
		Response: Swap JSON.
		
		Success:
		[
		    { shiftUpForSwap: \<Shift Id\>
		      shiftOfferedInReturn: null,
		      Schedule: \<ScheduleId\>
		    },
		    { shiftUpForSwap: \<Shift Id\>
		      shiftOfferedInReturn: Null,
		      Schedule: \<ScheduleId\>
		    }
		
		]
		
		Failure:
		Error JSON
		
		1. Schedule ID does not exist
		    ● **Status**:
		    ● **Name**: Bad Input
		    ● **Message**: Schedule ID does not exist
		2. Request is not from a user of this schedule
		    ● **Status**:
		    ● **Name**: Invalid permissions
		    ● **Message**: You do not have permission to create a swap for this shift
		3. Unable to create mongo object
		    ● **Status**:
		    ● **Name**: Server failure
		    ● **Message**: Unable to process request

PUT	/offerSwap **Request Body:** {userRequesting: \<User ID\>, SwapId: \<swap ID\>,	Another person offers a shift for this swap **Response:** Swap JSON. **Success:** { shiftUpForSwap: \<Shift Id\> shiftOfferedInReturn: \<Shift Id\>,

	ShiftOffered: <Shift ID>}	Schedule: <ScheduleId> }
		
		 Failure:
		 Error JSON
		
		 1. Shift Offered ID does not exist
		     ● **Status:**
		     ● **Name:** Bad Input
		     ● **Message:** Shift ID does not exist
		 2. User Requested ID does not exist
		     ● **Status:**
		     ● **Name:** Bad Input
		     ● **Message:** User requested ID does not exist
		 3. Swap ID does not exist
		     ● **Status:**
		     ● **Name:** Bad Input
		     ● **Message:** Swap ID does not exist
		 4. User is not owner of shift offered
		     ● **Status**:
		     ● **Name**: Invalid permissions
		     ● **Message**: User cannot offer to swap given shift
		 5. Request is not from a user of the same schedule
		     ● **Status**:
		     ● **Name**: Invalid permissions
		     ● **Message**: You do not have permission to swap for this shift
		 6. Unable to create mongo object
		     ● **Status**:
		     ● **Name**: Server failure
		     ● **Message**: Unable to process request

DELETE	/:id **Request Body:** {}	Deletes the swap object with given ID **Response:** JSON. **Success:** {} **Failure:** Error JSON

		- Swap ID does not exist **Status**: **Name**: Bad Input **Message**: Swap ID does not exist - Unable to remove mongo object **Status**: **Name**: Server failure **Message**: Unable to process request