

Biomids Persistent Proctor API

Institution

JSON Definition

```
{  
  "Id": integer  
  "Name": "string"  
  "Street": "string"  
  "City": "string"  
  "State": "string"  
  "PostalCode": "string"  
  "EmailDomain": "string" (ex: Biomids.com)  
  "Logo": "string" (name of logo file)  
  // All website visits are logged  
  "WebsiteTracking": Boolean (Default: true)  
  // Length of time in seconds between authentications (Default: 120)  
  "AuthenticationInterval": integer  
  // Supported features - 1=proctor, 2=authentication, 3=both (Default: 1)  
  "ProductFeatures": integer  
  // Length of time in seconds between video capture snapshots - future (Default: 0)  
  "SnapshotIntervall": integer  
}
```

Create

POST /api/institutions?apiKey=key

Request Parameters

- Name (Required)
- Street
- City
- State
- PostalCode
- EmailDomain (Required)
- PanRoomEnabled
- WebsiteTracking
- AuthenticationInterval
- ProductFeatures
- SnapshotInterval

Returns

- 201 Created
- 400 Bad Request – Invalid data supplied
- 409 Conflict – Institution already exists

List All

GET /api/institutions?apiKey=key

Returns

- 200 OK - A list of courses

Get a single institution

GET /api/institution/{id}?apiKey=key

Returns

200 OK - A course
404 Not Found

Update institution

PUT /api/institution/{id}?apiKey=key

Request Parameters

Name
Street
City
State
PostalCode
EmailDomain
PanRoomEnabled
WebsiteTracking
AuthenticationInterval
ProductFeatures
SnapshotInterval

Returns

200 OK
400 Bad Request – Invalid data supplied
403 Forbidden

Upload logo

POST /api/institution/{id}/logo?apiKey=key

Request Parameters

File (Maximum file size: 225 x 50)

Returns

200 OK
400 Bad Request – Invalid data supplied
403 Forbidden

Instructor

JSON Definition

```
{  
  "Id": integer  
  "FirstName": "string"  
  "LastName": "string"  
  "Email": "string"  
  "InstitutionId": integer  
  // Instructor Role - 0=instructor, 1=teaching assistant, 2=administrator, 3=super user (Default: 0)  
  "Role": integer  
}
```

Create

POST /api/instructors?apiKey=key&institutionId=institutionId

Request Parameters

FirstName (Required)
LastName (Required)
Email (Required)
Role

Returns

201 Created
400 Bad Request – Invalid data supplied
403 Forbidden
409 Conflict – Instructor already exists

List All

GET /api/instructors?apiKey=key&institutionId=institutionId

Returns

200 OK - A list of instructors

Get a single instructor

GET /api/instructors/{id}?apiKey=key&institutionId=institutionId

Returns

200 OK - An instructor
404 Not Found

Get course list

GET /api/instructor/{id}/courses?apiKey=key&institutionId=id

Returns

200 OK - A list of courses

Update instructor

PUT /api/instructor/{id}/courses?apiKey=key&institutionId=id

Request Parameters

FirstName
LastName
Email
Role

Returns

200 OK

400 Bad Request – Invalid data supplied
403 Forbidden

Student

JSON Definition

```
{  
  "Id": integer  
  "FirstName": "string"  
  "LastName": "string"  
  "Email": "string"  
  "InstitutionId": integer  
  "SchoolIdNumber": "string"  
}
```

Create

POST /api/students?apiKey=*key*&institutionId=*id*

Request Parameters

FirstName (Required)
LastName (Required)
Email (Required)
StudentIdNumber (Required)

Returns

201 Created
400 Bad Request – Invalid data supplied
403 Forbidden
409 Conflict – Student already exists

List All

GET /api/students?apiKey=*key*&institutionId=*institutionId*

Returns

200 OK - A list of students

Get a single student

GET /api/students/{id}?apiKey=*key*&institutionId=*id*

Returns

200 OK - A student
404 Not Found

Get course list - /api/students/{id}/courses?apiKey=*key*&institutionId=*id*

Request Parameters

api_key (string)
id (integer)

Returns

200 OK – A list of courses

Update student

PUT /api/students/{id}?apiKey=key&institutionId=id

Request Parameters

FirstName
LastName
Email
StudentIdNumber

Returns

200 OK
400 Bad Request – Invalid data supplied
403 Forbidden

Course

JSON Definition

```
{  
  "Id": integer  
  "Name": "string"  
  "Description": "string"  
  "StartDateDate": "date"  
  "EndDateDate": "date"  
  // Check for approved session status (Default: false)  
  "ApprovedDefaultStatusEnabled": Boolean  
  // Maximum number of facial failures allowed for approved status (Default: 1)  
  "ApprovedMaxFacialFailures": integer  
  // Maximum number of website visits allowed for approved status (Default: 0)  
  "ApprovedMaxWebsiteVisits": integer  
  // Check for under review session status (Default: false)  
  "UnderReviewDefaultStatusEnabled": boolean  
  // Minimum number of facial failures that will trigger under review status (Default: 10)  
  "UnderReviewMinFacialFailures": integer  
  // Minimum number of website visits that will trigger under review status (Default: 10)  
  "UnderReviewMinWebsiteVisits": integer  
}
```

Create

POST /api/courses?apiKey=key&institutionId=id

Request Parameters

Name (Required)
Description
StartDateDate
EndDateDate
ApprovedDefaultStatusEnabled
ApprovedMaxFacialFailures
ApprovedMaxWebsiteVisits

UnderReviewDefaultStatusEnabled
UnderReviewMinFacialFailures
UnderReviewMinWebsiteVisits

Returns

201 Created
400 Bad Request – Invalid data supplied
403 Forbidden
409 Conflict – Student already exists

List All

GET /api/courses?apiKey=key&institutionId=institutionId

Returns

200 OK - A list of courses

Get a single course

GET /api/courses/{id}?apiKey=key&institutionId=institutionId

Returns

200 OK - A course
404 Not Found

Update course

PUT /api/courses/{id}?apiKey=key&institutionId=id

Request Parameters

Name (Required)
Description
StartDateDate
EndDateDate
ApprovedDefaultStatusEnabled
ApprovedMaxFacialFailures
ApprovedMaxWebsiteVisits
UnderReviewDefaultStatusEnabled
UnderReviewMinFacialFailures
UnderReviewMinWebsiteVisits

Returns

200 OK
400 Bad Request – Invalid data supplied
403 Forbidden

Enroll student

PUT /api/courses/{courseId}/enrollments/{studentId}?apiKey=key&institutionId=id

Returns

200 OK
400 Bad Request
403 Forbidden

Exam

JSON Definition

```
{  
  "Id": integer  
  "Name": "string"  
  "Description": "string"  
  "OpenDateDate": "date"  
  "CloseDateDate": "date"  
  "DueDateDate": "date"  
  "Password": "string"  
  "TimeLength": "string"  
  "Url": "string"  
}
```

Create

POST /api/courses/{courseId}/exams?apiKey=key&institutionId=institutionId

Request Parameters

- Name (Required)
- Description
- OpenDateDate
- CloseDateDate
- DueDateDate
- Password
- TimeLength
- Url (Required)

Returns

- 201 Created
- 400 Bad Request – Invalid data supplied
- 403 Forbidden
- 409 Conflict – Exam already exists

List All

GET /api/courses/{courseId}/exams?apiKey=key&institutionId=institutionId

Returns

- 200 OK - A list of courses

Get a single exam

GET /api/courses/{courseId}/exams/{id}?apiKey=key&institutionId=institutionId

Returns

- 200 OK – An exam
- 404 Not Found

Update exam

PUT /api/courses/{courseId}/exams/{id}?apiKey=key&institutionId=id

Request Parameters

Name (Required)
Description
OpenDateDate
CloseDateDate
DueDateDate
Password
TimeLength
Url (Required)

Returns

200 OK
400 Bad Request – Invalid data supplied
403 Forbidden