IADI 2020/2021 - Grant Management System

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Institution

PK	Institution id	integer
	Name	varchar
	Address	varchar
	Contact	varchar
FK	Country	integer

Reviewer

PK	Reviewer id	integer
	Name	varchar
	Birthday	varchar
	Email	varchar
	Address	varchar
	Telephone	varchar
	City	varchar
	Postcode	varchar
FK	Country	integer
FK	Institution	integer

Student

PK	Student id	integer
	Name	varchar
	Birthday	date
	Email	varchar
	Address	varchar
	Telephone	varchar
	City	varchar
	Postcode	varchar
FK	Country	integer
FK	Institution	integer

Country

PK	Country id	integer
	Name	varchar
	Tag	varchar

Sponsor Entity

PK	Entity id	integer
	Name	varchar
	Address	varchar
	Contact	varchar
FK	Country	integer

Grant Call

PK	Grant Call id	integer
	Title	varchar
	Description	varchar
	Requirements	integer
	Funding	float
	OpenDate	date
	CloseDate	date
FK	Entity	integer
FK	Evaluation Panel	integer

Grant Call Data Items

FK	Grant Call	integer
FK	Data Item	integer

Data Item

PK	GD Item id	integer
	DataType	varchar
	Mandatory	bool

Evaluation Panel

PK	Evaluation Panel id	integer
FK	Panel Chair	integer
FK	Grant Call	integer

Evaluation Panel Member

FK	Evaluation Panel	integer
FK	Reviewer	integer

Review

PK	Review id	integer
FK	Application	integer
FK	Reviewer	integer
	Written Review	varchar

Application

PK	Grant Application id	integer
	Introduction	varchar
	RelatedWork	varchar
	WorkPlan	varchar
	Publications	varchar
FK	Status	integer
FK	Student	integer
FK	Grant call	integer

Application Data Item

PK	GA Item id	integer
FK	GD Item	integer
FK	Application	integer
	Data	blob

Application Status

PK	State id	integer
	Name	varchar

Grant Application [1.0]

[Base URL: localhost:8080/]
http://localhost:8080/v2/api-docs

Grant Application - Group 12 - IADI 2020/2021

Group 12 - Website
Send email to Group 12

application-controller Application Controller

POST	/application/ createApplication
PUT	/application/{appId}/review/{reviewId} updateReview
PUT	/application/{id} updateApplication
DELETE	/application/{id} deleteApplication
GET	/application/{id}/review getAllReviews
POST	/application/{id}/review createApplicationReview

data-item-controller Data Item Controller

GET	/dataitem/ getAllDataItems
POST	/dataitem/ createDataItem
GET	/dataitem/{id} getCreateDataItem
PUT	/dataitem/{id} updateDataItem
DELETE	/dataitem/{id} deleteDataItem

evaluation-panel-controller Management operations of Evaluation Panel

GET	/panel/ View List of Evaluation Panels
POST	/panel/ Add a new Grant
PUT	/panel/ Edit Evaluation Panel Details By Id
GET	/panel/{id} View a single Evaluation Panel By Id
DELETE	/panel/{id} Delete Evaluation Panel By Id
GET	/panel/{id}/chair getPanelChair
PUT	/panel/{id}/chair updatePanelChair

grant-call-controller Management operations of Grant Calls

GET	/grantcall/ getAllGrants
POST	/grantcall/ createNewGrant
PUT	/grantcall/ editGrant
PUT	/grantcall/{grantId}/dataitem/{dataItemId} updateDataItem
GET	/grantcall/{id} getOneGrant
DELETE	/grantcall/{id} deleteGrant
GET	/grantcall/closed getClosedGrants
GET	/grantcall/open getAllOpenGrants

institution-controller Management operations of Institutions

PUT	/institution/ Edit a Institution By Id
GET	/institution/ View List of Institutions
POST	/institution/ Add a new Institution
GET	/institution/{id} View a single Institution By Id
DELETE	/institution/{id} Delete a Institution By Id
GET	/institution/{institutionId}/grantcall/{grantId} getInstitutionApplications

reviewer-controller Management operations of Reviewer

PUT	/reviewer Edit a Student By Id
GET	/reviewer View List of Reviewers
POST	/reviewer/ Add a new Reviewer
GET	/reviewer/{id} View a single Reviewer By Id
DELETE	/reviewer/{id} Delete a Reviewer By Id

sponsor-entity-controller Management operations of Sponsor Entity

PUT	/sponsor Edit Sponsor Details By Id
GET	/sponsor/ View List of Sponsors
POST	/sponsor/ Add a new Sponsor
GET	/sponsor/{id} View a single Sponsor By Id
DELETE	/sponsor/{id} Delete a Sponsor By Id

student-controller Management operations of Student

PUT	/student Edit a Student By Id
GET	/student/ View List of Students
POST	/student/ Add a new Student
GET	/student/{id} View a single Student By Id
DELETE	/student/{id} Delete a Student By Id
GET	/student/{studentId}/application getStudentGrantApp
GET	/student/{studentId}/application/{grantAppId}/reviews getStudentApplicationReviews

Models

```
ApplicationDTO ⌄ {
    applicationId        integer($int64)
    dataItems            ⌄ [ApplicationDataItemDTO > {...}]
    grantCall>           GrantCallDTO > {...}
    introduction         string
    publicationYear      string
    relatedWork>         string
    status>              string
                         Enum:
                         ⌄ [ NotEvaluated, Declined, Approved ]
    student>             StudentDTO > {...}
    workflow>            string
}

ApplicationDataItemDTO ⌄ {
    application>         ApplicationDTO > {...}
    data                 integer($int32)
                         minimum: -128
                         maximum: 127
    dataItem>            DataItemDTO > {...}
    grantCallApplicationId> integer($int64)
}

CountryDTO ⌄ {
    countryId>           integer($int64)
    name>                string
    tag>                 string
}

DataItemDTO ⌄ {
    dataItemId>          integer($int64)
    dataType>            string
    mandatory>           boolean
}

EvaluationPanelDTO ⌄ {
    chair>               ReviewerDTO > {...}
    evaluationPanelId>   integer($int64)
    members>             ⌄ [ReviewerDTO > {...}]
}

GrantCallDTO ⌄ {
    closeDate>           string
    dataItems>           ⌄ [DataItemDTO > {...}]
    description>         string
    evalPanel>           EvaluationPanelDTO > {...}
    funding>             integer($int64)
    grantCallId>         integer($int64)
    openDate>            string
    requirements>        string
    sponsorEntity>       SponsorEntityDTO > {...}
    title>               string
}

InstitutionDTO ⌄ {
    institutionId>       integer($int64)
    name>                string
    address>             string
    contact>             string
    country>             CountryDTO > {...}
}

ReviewDTO ⌄ {
    application>         ApplicationDTO > {...}
    grantReviewId>       integer($int64)
    reviewer>            ReviewerDTO > {...}
    writtenReview>       string
}

ReviewerDTO ⌄ {
    address>             string
    birthday>            string
    city>                string
    country>             CountryDTO > {...}
    email>               string
    institution>         InstitutionDTO > {...}
    name>                string
    postcode>            string
    reviewerId>          integer($int64)
    telephone>           string
}

SponsorEntityDTO ⌄ {
    address>             string
    contact>             string
    country>             CountryDTO > {...}
    name>                string
    sponsorEntityId>     integer($int64)
}

StudentDTO ⌄ {
    studentId            integer($int64)
    name>                string
    birthday>            string
    email>               string
    address>             string
    telephone>           string
    city>                string
    postcode>            string
    country>             CountryDTO > [...]
    institution>         InstitutionDTO > {...}
}
```