API Specification Doc

(*Gym Management System*)

Version	Date	Author	Description
1.0	15-May-2025	Shivavarunika A	Initial draft

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3.	${baseUrl}/ v1/packages/update	PUT	Update the package
4.	${baseUrl}/ v1/packages/delete	DELETE	Delete the package
5.	${baseUrl}/ v1/packages/get-id/:id	GET	Fetch the package with specific id

Response

Status	Response
200	{message:created,deleted}
403	{"error":"API key is missing."}
400	{"error":"packagename is mandatory."}
400	{"error":"packageprice is mandatory."}
400	{"error":"packageurl is mandatory."}
401	{"error":"Invalid API key."}
404	Page Not Found
405	Method Not Allowed
500	{"error":"Something went wrong. Please try again later."}

1.2. List of endpoints in product

S.No.	API Endpoint	Method	Description
1.	${baseUrl}/v1/products/add	POST	Add the product
2.	${baseUrl}/v1/products/get-all	GET	Fetch the product
3.	${baseUrl}/ v1/products/update	PUT	Update the product
4.	${baseUrl}/ v1/products/delete	DELETE	Delete the product
5.	${baseUrl}/ v1/products/get-id/:id	GET	Fetch the product with specific id

Response

Status	Response
200	{message:created,deleted}
403	{"error":"API key is missing."}
400	{"error":"productname is mandatory."}
400	{"error":"productprice is mandatory."}
400	{"error":"producturl is mandatory."}
401	{"error":"Invalid API key."}
404	Page Not Found
405	Method Not Allowed
500	{"error":"Something went wrong. Please try again later."}

1.3. List of end points in trainerList

S.No.	API Endpoint	Method	Description
1.	${baseUrl}/v1/trainers/add	POST	Add the trainer
2.	${baseUrl}/v1/trainers/get-all	GET	Fetch the trainers
3.	${baseUrl}/ v1/trainers/update	PUT	Update the trainers
4.	${baseUrl}/ v1/trainers/delete	DELETE	Delete the trainers
5.	${baseUrl}/ v1/trainers/get-id/:id	GET	Fetch the trainer with specific id

Response

Status	Response
200	{message:created,deleted}
403	{"error":"API key is missing."}
400	{"error":"productname is mandatory."}
400	{"error":"productprice is mandatory."}
400	{"error":"producturl is mandatory."}
401	{"error":"Invalid API key."}
404	Page Not Found
405	Method Not Allowed
500	{"error":"Something went wrong. Please try again later."}

2. API Description

2.1. Create/Add in package

Request

Method	URL
POST	${baseUrl}/v1/package/add

Authorization	Role
None	Public endpoint

Type	Params	Values	Remarks
HEAD	api_key	long	api_key must be auto generated
POST	packageName	string	Name of package
POST	packagePrice	string	Price of package
POST	profileUrl	string	Image url of package
POST	packageDesc	string	Description of package
...	...	...	... (You can continue adding other attributes in a similar manner)

Status	Response
201	{ "message":"package created"}
403	{"error":"API key is missing."}

2.2. Delete in package

Request

Method	URL
DELETE	${baseUrl}/v1/package/delete/:id

Authorization	Role
None	Public endpoint

Type	Params	Values	Remarks
HEAD	api_key	string	api_key must be sent with path
DELETE	Whole data	string	-
...	...	...	... (You can continue adding other attributes in a similar manner)

Note: nil.

Response

Status	Response
201	{ "message":"package deleted"}
403	{"error":"API key is missing."}

2.3. Update in package

Request

Method	URL
PUT	${baseUrl}/v1/package/update/:id

Authorization	Role
None	Public endpoint

Type	Params	Values	Remarks
HEAD	api_key	string	api_key must be given {id}
PUT	packageName	string	Name of package
PUT	packagePrice	string	Price of package
PUT	profileUrl	string	Image url of package
PUT	packageDesc	string	Description of package

Note: nil.

Response

Status	Response
201	{ package deleted}
403	{"error":"API key is missing."}

2.4. Fetch in packages

Request

Method	URL
GET	${baseUrl}/v1/package/get-all

Authorization	Role
None	Public endpoint

Note: nil.

Type	Params	Values	Remarks
HEAD	api_key	long	api_key must be auto generated
GET	packageName	string	Name of package
GET	packagePrice	string	Price of package
GET	profileUrl	string	Image url of package
GET	packageDesc	string	Description of package
...	...	...	... (You can continue adding other attributes in a similar manner)

Response

Status	Response
200	{ "Get all the rows in json format" }
403	{"error":"API key is missing."}
401	{"error":"Invalid token."}
500	{"error":"Something went wrong. Please try again later."}

2.5. Fetch By ID in package

Request

Method	URL
GET	${baseUrl}/v1/package/get-id/:id

Authorization	Role
None	Public endpoint

Note: nil.

Type	Params	Values	Remarks
HEAD	api_key	long	api_key must be auto generated
GET	packageName	string	Name of package
GET	packagePrice	string	Price of package
GET	profileUrl	string	Image url of package
GET	packageDesc	string	Description of package
...	...	...	... (You can continue adding other attributes in a similar manner)

Response

Status	Response
200	{ "Get all the row in json format with id" }
403	{"error":"API key is missing."}
401	{"error":"Invalid token."}
500	{"error":"Something went wrong. Please try again later."}