API Specification



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API Specifications:

GET Requests:

GET	use	users				
	nee	eeds token from user and to be an admin				
Retrieve a	etrieve all Users					
Paramete	rs:	Name Type Description				
* required	1		path	path Get all Users		
Response	s:	Code	Descriptio	Description / example if successful		
		200	Return a li	Return a list of Users		

GET		rs/{userID}					
	nee	eds token from u	ds token from user				
Retrieve t	the U	ser by ID					
Paramete	ers:	Name	Name Type Description				
* required	d	userID	path	Id of the user to get the			
				information			
Response	es:	Code	Description	Description / example if successful			
		200	Returns the User Information with the ID that was				
			provided.				
		404	User ID is in	User ID is incorrect			

GET	use	sers/{userID}/feedbacks			
	nee	eeds token from user			
Retrieve t	Retrieve the all the Feedback by the User ID				
Paramete	rs:	Name	Type Description		
* required	1	userId	path Id of the user to get his feedbacks		
Response	s:	Code	Description / ex	ample if successful	
		200	Returns a list of all the Feedbacks from the selected		
			User		
		404	User ID is incorr	User ID is incorrect	

GET	rou	routes				
	nee	needs token from user				
Retrieve a	etrieve all Routes					
Paramete	rs:	Name Type Description				
* required	1		path	path Get all Routes		
Response	s:	Code	Description / e	Description / example if successful		
		200	Return a list of	Return a list of Routes		

GET		ites/{routeID} eds token from us	ser			
Retrieve t	he R	oute by ID				
Paramete	ers:	s: Name Type Description				
* required	d	routeID	path	Id of the route to get the		
				information		
Response	es:	Code	Description	/ example if successful		
		200	Returns the Route Information with the ID that was			
			provided.			
		404	Route ID is	Route ID is incorrect		

GET		routes/{routeId}/highlights needs token from user			
Retrieve t	he al	ll the Highlight by	the Route ID		
Paramete	rs:	Name	Type Description		
* required	I	routeld	path	Id of the route to get the	
				information	
Response	s:	Code	Description	/ example if successful	
		200	Returns a list of all the Highlights from the selected		
			Route		
		404	Route ID is	incorrect	

GET	rou	utes/{routeId}/highlights/{highlightID}				
	nee	eds token from use	er			
Retrieve t	Retrieve the selected Highlight by the Route ID					
Paramete	ers:	: Name Type Description				
* required	1	routeld	path	Id of the route to get the		
				information		
	highlightID		path	Id of the selected Highlight		
Response	s:	Code	Description / ex	ample if successful		
		200	Returns the selected Highlight from the selected			
			Route			
		404	Route ID is incor	rect		

GET	highlights	ighlights			
	needs tok	needs token from user			
Retrieve a	Retrieve all Highlights				
Paramete	rs: Nam	Name Type Description			
* required	1	path	path Get all Highlights		
Response	s: Code	Desci	Description / example if successful		
	200	Retur	Return a list of Highlights		

GET	needs token from user			
Retrieve t	he H	ighlight by ID		
Parameters: Name Type Description			Description	
* required	1	highlightID	path	Id of the highlight to get the information
Response	s:	Code	Descriptio	n / example if successful
		200	Returns the Highlight Information with the ID that was provided.	
		404	Highlight II	D is incorrect

GET	_	highlights/{highlightID}/feedbacks needs token from user			
Retrieve t	he F	eedbacks from se	lected highlig	hts the by ID	
Paramete	rs:	Name	Type Description		
* required	1	highlightID	path	Id of the highlight to get his	
				feedbacks	
Response	s:	Code	Description	/ example if successful	
		200	Returns all the Feedbacks Information with the ID		
			that was provided.		
		404	Highlight ID	is incorrect	

GET	sug	sugestions				
	nee	needs token from user				
Retrieve a	ıll Su	gestions				
Paramete	rs:	Name Type Description				
* required	1		path	path Get all Sugestions		
Response	s:	Code	Description / example if successful			
	·	200	Return a list of Sugestions			

GET	_	estions/{sugestionID}					
	nee	eds token from us	ser				
Retrieve t	he S	ugestion by ID					
Parameters: Name Type Descrip			Description				
* required	1	sugestionID	path	Id of the Sugestion to get the			
		information					
Responses: Code		Description	/ example if successful				
		200	Returns the	Sugestion Information with the ID that			
			was provid	ed.			
		404	SugestionII) is incorrect			

POST Requests:

POST	auth/tokens	uth/tokens						
User will l	User will login with his credentials and will create a Token							
Paramete	rs: Name	Туре	Description					
* required	User	body	The user data to be added. Must be JSON with email and password. Example: { "email": "user01@gmail.com", "password": "user1" }					
Response	s: Code	Description	n / example if successful					
	200	User Login	successfully, token created and given to					
		user						
	404	Invalid inp	ut data - Email or Password not found					

POST au	OST auth						
A new User will be registered							
Parameters:	Name	Туре	Description				
* required	User	body	The user data to be added. Must be JSON with email and password. Example: { "username": "user01 ", "email": "user01@gmail.com", "password": "user1", "birthday": "10/10/2000" }				
Responses:	Code	Description / example if successful					
200		A new User will be created					
	404	Invalid input dat	a - Email or Password not found				
500		Internal server error with the error message.					

POST	tour	ours					
	need	ds token	from user	from user and to be admin			
A new Too	ur will	l be regis	stered				
Paramete	rs:	Name	Type	Description			
* required	1	Tour	body	The tour data to be added. Must be JSON with			
				the tour data.			
				Example: { "name": "big tour", "type": "historical", "highlights": [" <highlight1>","<highlight2>",] }</highlight2></highlight1>			
Response	s:	Code	Description / example if successful				
		200	A new tour will be created				
		404	Invalid input data – Name, Type or Highlights not found				
		500	Internal server error with the error message.				

POST	tour/{tourID}/feedbacks						
	needs token fro	eeds token from user					
A new Tou	r Feedback will l	oe registere	ed				
Parameter	s: Name	Туре	Description				
* required	tourID	path	Needs the Tour ID to add the Feedback				
	tour	body	The Feedback data to be added. Must be				
			JSON with the tour data.				
			Example: { "rate": "5", "message": "Test Test Test Test Test Test Test Test Test " }				
Responses	: Code		Description / example if successful				
	200		A new Tour Feedback will be created				
	404		Invalid input data – Rate or Message not				
			found				
	500		Internal server error with the error message.				

POST	high	ghlights				
	nee	eds token from user and to be admin				
A new Hig	hligh	t will be registe	ered			
Paramete	rs:	Name	Туре	Description		
* required		highlight	body	The tour data to be added. Must be JSON with the tour data. Example: { "name": "place1", "type": "historical", "localization": "5.56522, 3.35855" }		
Response	s:	Code	Description / example if successful			
		200	A new Highlights will be created			
404 Invalid input data – Name, Type, Location		input data – Name, Type, Location not found				
		500	Internal server error with the error message.			

POST	highlights/{highli	ghlights/{highlightID}/feedbacks					
	needs token from	ds token from user					
A new High	nlight will be regist	tered					
Parameter	s: Name	Type	Description				
* required	highlightID	path	Needs the highlight ID to be edit				
	feedback	body	The Feedback data to be added. Must be				
			JSON with the tour data.				
			Example: {				
			"rate": "5",				
			"message": "Test Test Test Test				
			Test Test Test Test Test "				
			}				
Responses	: Code		Description / example if successful				
	200		A new Feedback will be created				
	404		Invalid input data – Highlight Rate or				
			Message not found				
	500		Internal server error with the error message.				

	uggestions		
n	eeds token from	user	
A new Sugge	stion will be reg	istered	
Parameters:	Name	Type	Description
* required	suggestion	body	The tour data to be added. Must be JSON
			with the tour data.
			Example: {
			"name": "place12",
			"type": "historical",
			"localization": "5.56522, 3.35855"
			}
Responses:	Code	Description / example if successful	
	200	A new Suggestion will be created	
	404 Invalid input data – Name, Type, Location not		input data – Name, Type, Location not found
	500	Internal server error with the error message.	

PATCH Requests:

PUT	users/{userID}	ers/{userID}				
	needs token fro	eds token from user				
Update the	e selected Tour	by its ID				
Parameter	s: Name	Туре	Description			
* required	userID	path	Needs the User ID to be edit			
	user	body	The User data to be edited. Must be			
			JSON with all card information.			
			Example: {			
			"username": "user01 ",			
			"email": "user01@gmail.com",			
			"password": "user1"			
			}			
Responses	: Code	Descript	Description / example if successful			
	200	User updated successfully				
	400 All errors 400 will be town here		s 400 will be town here			
	404	Card not found				

PUT	tours/{t	urs/{tourID}					
	needs to	oken fro	ken from user and to be admin				
Update th	e selecte	ed Tour k	y its ID				
Paramete	rs: Nar	me	Туре	Description			
* required	tou	rID	path	Needs the Tour ID to be edit			
	tou	r	body	The Tour data to be edited. Must be			
				JSON with all card information.			
				Example: { "name": "big tour", "type": "historical", "highlights":[" <highlight1>","<highlight2>",] }</highlight2></highlight1>			
Response	s: Cod	le	Description / example if successful				
200 To		Tour upd	ated successfully				
	400)	All errors 400 will be town here				
	404	ļ	Card not found				

PUT	hig	ghlights/{highlightID}				
	ne	eds token from user and to be admin				
Update th	e se	lected Highli	ight by its	ID		
Paramete	rs:	Name	Туре	Description		
* required	1	tourID	path	Needs the Highlight ID to be edit		
		tour	body	The Highlight data to be edited. Must be		
				JSON with all card information.		
				Example: {		
				"name": "place1",		
				"type": "historical",		
				"localization": "5.56522, 3.35855"		
				}		
Response	s:	Code	Description / example if successful			
		200	Highlight updated successfully			
400		All errors	All errors 400 will be town here			
404 Card		Card not	Card not found			

/routes/{routeID}/highlights/{highlightID}:

PUT	highlights/{h	ighlights/{highlightID}/feedbacks/{feedbackID}				
	needs token	eds token from user and to be admin				
Update th	Update the selected Feedback from the selected Highlight by its ID					
Paramete	rs: Name	Туре	Description			
* required	highlight	ID path	Needs the HighlightID to select			
	feedback	ID path	Needs the Feedback ID to be edit			
	feedback	body	The Feedback data to be edited. Must be			
			JSON with all card information.			
			Example: {			
			"rate": "5",			
			"message": "Test Test Test			
			Test Test Test Test Test "			
			}			
Response	s: Code	Descrip	Description / example if successful			
	200	Feedba	ack updated successfully			
	400	All erro	ors 400 will be town here			
	404	Card no	Card not found			

DELETE Requests:

DELETE	users/{userID}				
	nee	needs token from user and to be admin			
Deletes the User by his ID					
Parameters: Name		Type	Description		
* required userID		path	Needs the User ID to be deleted		
Responses: Code		Description	Description / example if successful		
204 User deleted successfully		ed successfully			
404 User not found		ound			

DELETE	use	ers/{userID}/feedback/{feedbackID}			
	nee	ds token from user and to be admin			
Deletes a	Deletes a feedback by his ID from the given User				
Parameters: Name Type Description			Description		
* required		feedbackID	path	Needs the Feedback ID to be deleted	
		userID	path	Needs the User ID to be selected	
Response	s:	Code	Description / example if successful		
204 Feedback deleted successfully		eted successfully			
		404	Feedback or User not found		

DELETE	use	rs/{userID}/suggestion/{suggestionID}				
	nee	ds token from user and to be admin				
Deletes a suggestion by his ID from the given User						
Parameters: Name Type Description			Description			
* required		suggestionID	path	Needs the suggestion ID to be		
				deleted		
		userID	path	Needs the User ID to be selected		
Response	s:	Code	Description / example if successful			
		204	Suggestion deleted successfully			
		404	Suggestion or U	ser not found		

Deletes th	highlights/{highlightID} needs token from user and to be admin				
	Deletes the highlights by his ID				
Parameters:		Name	Туре	Description	
* required		highlightsID	path	Needs the Highlights ID to be	
			deleted		
Responses: Code Description / example if successful		example if successful			
		204	Highlights deleted successfully		
404		Highlights not found			

DELETE	tou	cours/{tourID}			
	nee	eeds token from user and to be admin			
Deletes th	Deletes the Tour by his ID				
Parameters:		Name	Туре	Description	
* required		tourID	path	Needs the Tour ID to be deleted	
Responses: Code		Descriptio	Description / example if successful		
204		Tour delet	Tour deleted successfully		
	404 Tour not found		ound		

DELETE	rou	utes/{routeID}/highlights/{highlightID}			
	nee	eds token from user and to be admin			
Deletes th	Deletes the highlights by his ID				
Parameters: Name			Туре	Description	
* required		highlightsID	path	Needs the Highlights ID to be	
				deleted	
		highlightID	path	Id of the selected Highlight	
Responses: Code Description / example if successful		/ example if successful			
204		Highlight deleted successfully			
		404	Highlight or Route not found		