
Documentation of Main Component

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Version: 1.0

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1. /

1.1. GET

Summary: getHomePage

Responses

Code	Description	Schema	----	-----	-----	200	OK	string	401
Unauthorized	403	Forbidden	404	Not Found					

2. /api/sincro/event

2.1. POST

Summary: addEvent

Parameters

Name	Located in	Description	Required	Schema	----	-----	-----
-----	----	event	body	event	Yes	[Event](#event)	

Responses

Code	Description	Schema	----	-----	-----	200	OK	[Event](#event)
201	Created	401	Unauthorized	403	Forbidden	404	Not Found	

2.2. PUT

Summary: updateEvent

Parameters

Name	Located in	Description	Required	Schema		----		-----		-----
-----	----	event	body	event	Yes	[Event](#event)				

Responses

Code	Description		----		-----		200	OK		201	Created		401	
Unauthorized		403	Forbidden		404	Not Found								

3. /error

3.1. GET

Summary: error

Responses

Code	Description	Schema		----		-----		-----		200	OK	object		401
Unauthorized		403	Forbidden		404	Not Found								

3.2. POST

Summary: error

Responses

Code	Description	Schema		----		-----		-----		200	OK	object		201
Created		401	Unauthorized		403	Forbidden		404	Not Found					

3.3. PUT

Summary: error

Responses

| Code | Description | Schema | | ---- | ----- | ----- | | 200 | OK | object | | 201 | Created | | 401 | Unauthorized | | 403 | Forbidden | | 404 | Not Found |

3.4. DELETE

Summary: error

Responses

| Code | Description | Schema | | ---- | ----- | ----- | | 200 | OK | object | | 204 | No Content | | 401 | Unauthorized | | 403 | Forbidden |

3.5. OPTIONS

Summary: error

Responses

| Code | Description | Schema | | ---- | ----- | ----- | | 200 | OK | object | | 204 | No Content | | 401 | Unauthorized | | 403 | Forbidden |

3.6. PATCH

Summary: error

Responses

| Code | Description | Schema | | ---- | ----- | ----- | | 200 | OK | object | | 204 | No Content | | 401 | Unauthorized | | 403 | Forbidden |

4. /event

4.1. PUT

Summary: updateEvent

Parameters

| Name | Located in | Description | Required | Schema | | ---- | ----- | ----- |
| ----- | ---- | | event | body | event | Yes | [Event](#event) |

Responses

| Code | Description | | --- | ----- | | 200 | OK | | 201 | Created | | 401 | Unauthorized | | 403 | Forbidden | | 404 | Not Found |

5. /event/payment

5.1. POST

Summary: payEvent

Parameters

| Name | Located in | Description | Required | Schema | | --- | ----- | -----
| ----- | --- | | event | body | event | Yes | [Event](#event) |

Responses

| Code | Description | Schema | | --- | ----- | ----- | | 200 | OK | [Event](#event) |
| | 201 | Created | | 401 | Unauthorized | | 403 | Forbidden | | 404 | Not Found |

6. /history

6.1. GET

Summary: getHistory

Parameters

| Name | Located in | Description | Required | Schema | | --- | ----- | -----
| ----- | --- | | auth | query | auth | No | string |

Responses

| Code | Description | Schema | | --- | ----- | ----- | | 200 | OK | [[History](#history)] |
| | 401 | Unauthorized | | 403 | Forbidden | | 404 | Not Found |

7. /login

7.1. POST

Summary: loginUser

Parameters

Name	Located in	Description	Required	Schema		----	-----	-----
-----	----	user	body	user	Yes	[User]	(#user)	

Responses

Code	Description	Schema		----	-----	-----		200	OK
[AuthenticatedUser]	(#authenticateduser)			201	Created			401	Unauthorized
				403	Forbidden			404	Not Found

8. /register

8.1. POST

Summary: createNewUser

Parameters

Name	Located in	Description	Required	Schema		----	-----	-----
-----	----	user	body	user	Yes	[User]	(#user)	

Responses

Code	Description	Schema		----	-----	-----		200	OK
[AuthenticatedUser]	(#authenticateduser)			201	Created			401	Unauthorized
				403	Forbidden			404	Not Found

9. /user

9.1. POST

Summary: addUser

Parameters

Name	Located in	Description	Required	Schema		----	-----	-----
		user	body	user	Yes	[User]	(#user)	

Responses

Code	Description	Schema		----	-----	-----	200	OK	[User]	(#user)
201	Created		401	Unauthorized		403	Forbidden		404	Not Found

10. /user/event

10.1. POST

Summary: getEvent

Parameters

Name	Located in	Description	Required	Schema		----	-----	-----
		user	body	user	Yes	[User]	(#user)	

Responses

Code	Description	Schema		----	-----	-----	200	OK	[Event]	(#event)
201	Created		401	Unauthorized		403	Forbidden		404	Not Found

11. /user/{email}

11.1. GET

Summary: getUserByEmail

Parameters

Name	Located in	Description	Required	Schema	----	-----	-----
-----	----	email	path	email	Yes	string	

Responses

Code	Description	Schema	----	-----	-----	200	OK	[User](#user)
401	Unauthorized	403	Forbidden	404	Not Found			

12. /validate

12.1. GET

Summary: validateToken

Parameters

Name	Located in	Description	Required	Schema	----	-----	-----
-----	----	authorization	header	authorization	Yes	string	

Responses

Code	Description	Schema	----	-----	-----	200	OK	[User](#user)
401	Unauthorized	403	Forbidden	404	Not Found			

13. /vehicles/

13.1. GET

Summary: getUserVehicles

Parameters

Name	Located in	Description	Required	Schema	----	-----	-----
-----	----	auth	query	auth	No	string	

Responses

Code	Description	Schema	----	-----	-----	200	OK	[[Vehicle] (#vehicle)]
401	Unauthorized	403	Forbidden	404	Not Found			

14. /vehicles/borrow/requests

14.1. GET

Summary: getBorrowRequests

Parameters

Name	Located in	Description	Required	Schema		----		-----		-----
-----	----		auth	query		auth		No		string

Responses

Code	Description	Schema		----		-----		-----		200		OK
[[DelegateRequest](#delegaterequest)]												
401 Unauthorized												
403 Forbidden												
404 Not Found												

15. /vehicles/borrowing

15.1. GET

Summary: getBorrowingVehicles

Parameters

Name	Located in	Description	Required	Schema		----		-----		-----
-----	----		auth	query		auth		No		string

Responses

Code	Description	Schema		----		-----		-----		200		OK
[[DelegatedVehicle](#delegatedvehicle)]												
401 Unauthorized												
403 Forbidden												
404 Not Found												

16. /vehicles/delegate

16.1. POST

Summary: delegatePlate

Parameters

Name	Located in	Description	Required	Schema	---	-----	-----
-----	----	request	body	request	Yes	[DelegateRequest](#delegaterequest)	
	auth	query	auth	No	string		

Responses

Code	Description	---	-----	200	OK	201	Created	401
Unauthorized	403	Forbidden	404	Not Found				

17. /vehicles/delegate/requests

17.1. GET

Summary: getDelegateRequests

Parameters

Name	Located in	Description	Required	Schema	---	-----	-----
-----	----		auth	query	auth	No	string

Responses

Code	Description	Schema	---	-----	-----	200	OK
[[DelegateRequest](#delegaterequest)]	401	Unauthorized	403	Forbidden	404	Not Found	

18. /vehicles/delegate/response

18.1. POST

Summary: handleDelegation

Parameters

Name	Located in	Description	Required	Schema		----		-----	
-----		-----		----			delegateResponse	body	delegateResponse
[DelegateResponse](#delegateresponse)		auth	query	auth	No	string			

Responses

Code	Description		----		-----			200	OK		201	Created		401
Unauthorized		403	Forbidden		404	Not Found								

19. /vehicles/delegate/{vehicleId}/request/cancel

19.1. POST

Summary: cancelDelegationRequest

Parameters

Name	Located in	Description	Required	Schema		----		-----		-----	
-----	----		vehicleId	path	vehicleId	Yes	string		auth	query	auth
No	string										

Responses

Code	Description		----		-----			200	OK		201	Created		401
Unauthorized		403	Forbidden		404	Not Found								

20. /vehicles/delegated

20.1. GET

Summary: getDelegatedVehicles

Parameters

Name	Located in	Description	Required	Schema		----		-----		-----	
-----		----			auth	query	auth	No	string		

Responses

Code	Description	Schema		----		-----		-----		200	OK	[[Vehicle]
(#vehicle)]	401	Unauthorized	403	Forbidden	404	Not Found						

21. /vehicles/delegated/{vehicleId}/cancel

21.1. POST

Summary: cancelDelegation

Parameters

Name	Located in	Description	Required	Schema		----		-----		-----	
	-----		----		vehicleId	path	vehicleId	Yes	string		auth
query	auth	No	string								

Responses

Code	Description		----		-----		200	OK		201	Created		401
Unauthorized	403	Forbidden	404	Not Found									

22. /vehicles/subscribe

22.1. POST

Summary: subscribeVehicle

Parameters

Name	Located in	Description	Required	Schema		----		-----		-----	
	-----		----		vehicle	body	vehicle	Yes	[Vehicle](#vehicle)		

Responses

Code	Description		----		-----		200	OK		201	Created		401
Unauthorized	403	Forbidden	404	Not Found									

23. /vehicles/subscribed/

23.1. GET

Summary: getSubscribedVehicles

Parameters

| Name | Located in | Description | Required | Schema | | --- | ----- | -----
| ----- | --- | | auth | query | auth | No | string |

Responses

| Code | Description | Schema | | --- | ----- | ----- | | 200 | OK | [[Vehicle]
(#vehicle)] | | 401 | Unauthorized | | 403 | Forbidden | | 404 | Not Found |

24. /vehicles/{vehicleId}/info

24.1. GET

Summary: getVehicle

Parameters

| Name | Located in | Description | Required | Schema | | --- | ----- | -----
| ----- | --- | | vehicleId | path | vehicleId | Yes | string | | auth | query | auth |
No | string |

Responses

| Code | Description | Schema | | --- | ----- | ----- | | 200 | OK | [Vehicle]
(#vehicle) | | 401 | Unauthorized | | 403 | Forbidden | | 404 | Not Found |

25. /vehicles/{vehicleId}/unsubscribe

25.1. POST

Summary: unsubscribeVehicle

Parameters

Name	Located in	Description	Required	Schema		----	-----	-----
		vehicleId	path	vehicleId	Yes	string	auth	query
							auth	
No		string						

Responses

Code	Description		----	-----		200	OK		201	Created		401	Unauthorized		403	Forbidden		404	Not Found

26. Models

27. AuthenticatedUser

Name	Type	Description	Required		----	----	-----	-----		token
[Token](#token)			Yes		user	[User](#user)		Yes		

28. DelegateRequest

Name	Type	Description	Required		----	----	-----	-----		id	integer
No		ownerId	integer	No		plate	string	Yes		userBorrowId	integer
No				No							

29. DelegateResponse

Name	Type	Description	Required		----	----	-----	-----		accept
boolean		No		plate	string	Yes		requestId	integer	No
								userBorrowId	integer	No
										No

30. DelegatedVehicle

Name	Type	Description	Required		----	----	-----	-----		id	integer
Yes		plate	string	Yes		userBorrowId	integer	Yes			

31. Event

Name	Type	Description	Required		----	----	-----	-----		date
dateTime		Yes		driverId	integer	No		gpsLatitude	string	Yes
				gpsLongitude	string	Yes		id	integer	No
				location	string	Yes		plate	string	Yes
				state	string	Yes		verified	boolean	No

32. History

Name	Type	Description	Required					
actionId	string		Yes		date	dateTime	Yes	
driverId	integer		Yes					
id	integer							
state	string		Yes					

33. ModelAndView

Name	Type	Description	Required					
empty	boolean		No		model	object	No	
modelMap	object		No		reference	boolean	No	
status	string		No		view	[View](#view)	No	
viewName	string		No					

34. Token

Name	Type	Description	Required					
access_token	string		Yes		expires_in	string	Yes	
id_token	string		Yes		scope	string	Yes	
token_type	string		Yes					

35. User

Name	Type	Description	Required					
email	string		Yes		id	integer	No	
name	string		Yes		password	string		
playerId	string		No					

36. Vehicle

Name	Type	Description	Required					
delegateState	string		Yes		ownerId	integer	Yes	
plate	string		Yes		registryDate	dateTime	Yes	
subscribed	boolean		Yes					

37. View

Name	Type	Description	Required					
contentType	string		No					