

Test Report:

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API Tested: http://localhost:3000/api/hasHER

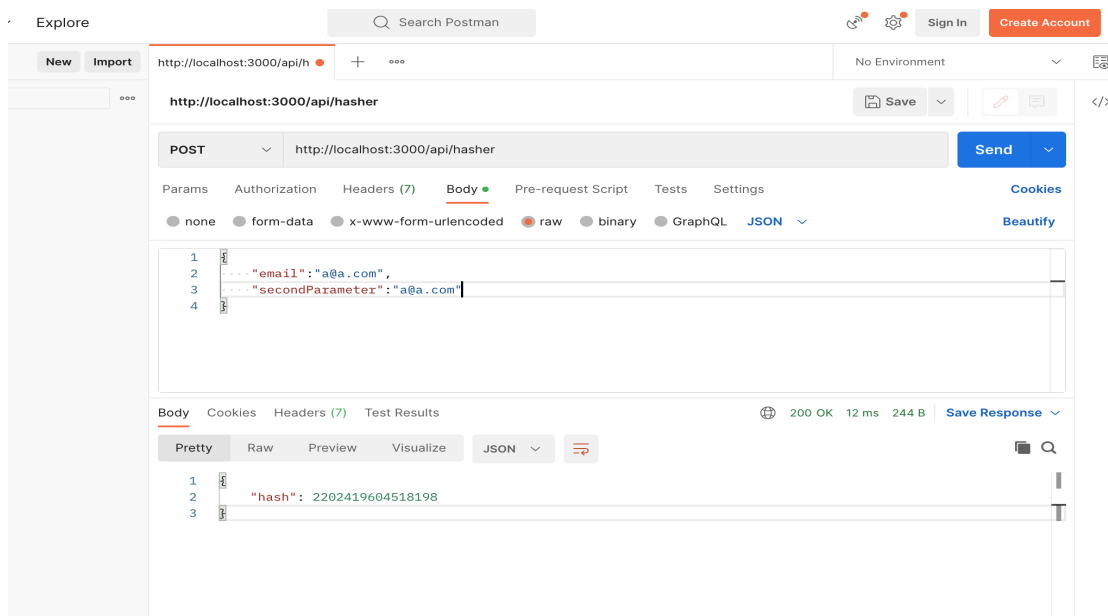
Request type: POST

Parameters: { "<email>"!:"<email address>"} in the request body

Observations:

1. The POST method with a valid request JSON and an email parameter in the request body returns a hash code successfully.

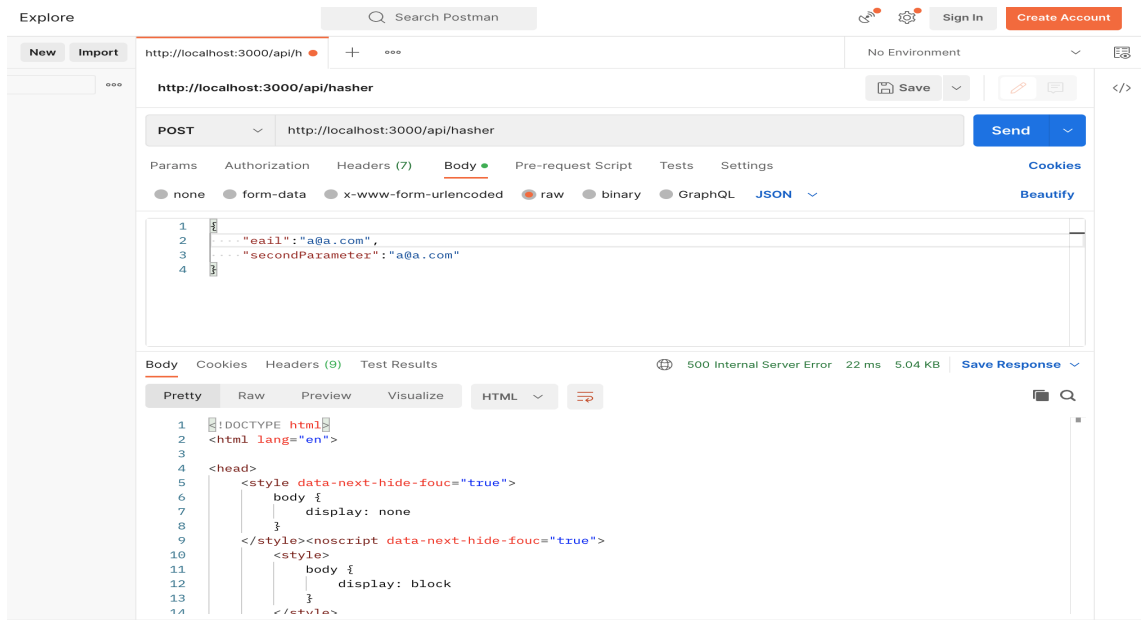
```
req body : {  
  "email": "a@a.com"  
}  
  
res: {  
  "hash" : 2209393939399909  
}
```



2. The POST method with a valid request JSON and no email parameter in the request body throws an internal server error.

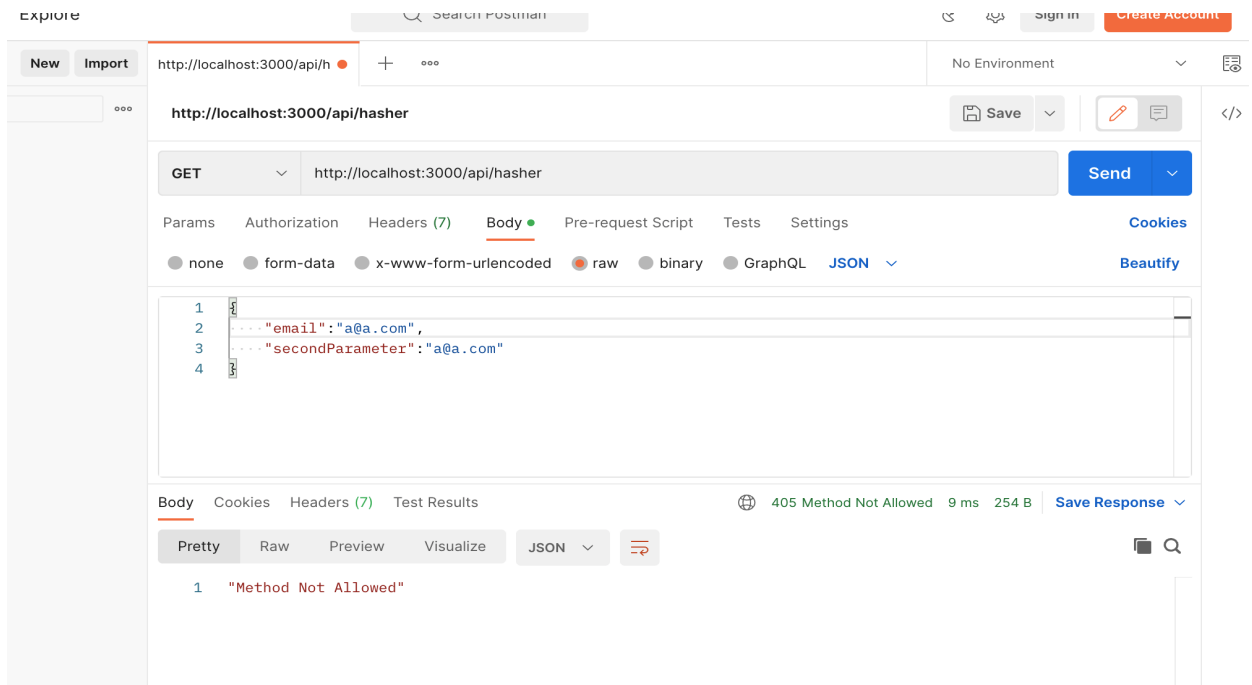
```
req body : {  
  "noemail": "a@a.com"
```

}
res code: 500, Res message: Internal server error



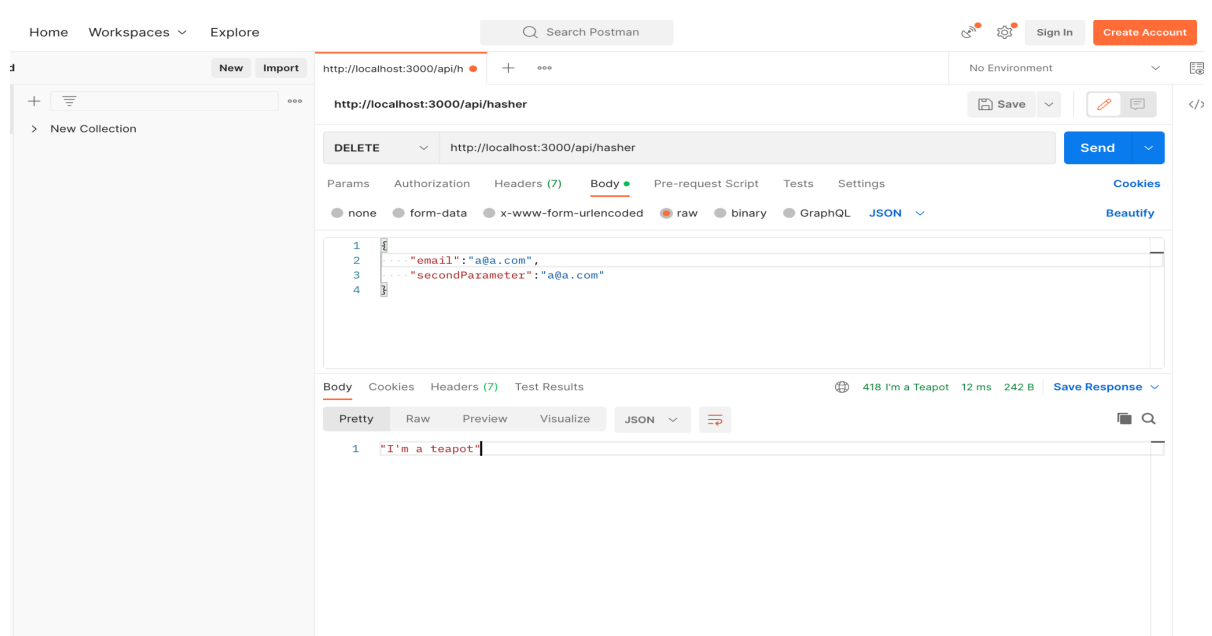
3. Any other method except POST and DELETE ex: GET, PUT with a valid request JSON and an email parameter in the request body returns "Method Not Allowed".

res code: 405, Res message: Method Not Allowed



4. The DELETE method with a valid request JSON and an email parameter in the request body returns "I am teapot".

res code: 418, Res message: I am teapot



Report Summary:

1. Hasher API is implemented as a POST method to accept email parameter in the request body and returns a hash code for a valid request. The API works properly.
2. When the request is made with no email parameter in the request body, it is returning a 500 Internal Server Error. This can be implemented to send a proper response code and response message.
3. Error validations are not implemented for the email field, the response is sent even when there is no @ symbol in the email parameter value.

Please find the snapshot of all the methods, input, responses and response codes tested

Method	Input	Response	Response Code
POST	{ "email": "test@mail.com" }	{ "hash": 2202419604518198 }	200
DELETE	{ "email": "test@mail.com" }	"I'm a teapot"	418
GET	{ "email": "test@mail.com" }	"Method Not Allowed"	405
PUT	{ "email": "test@mail.com" }	"Method Not Allowed"	405
POST	{ "email": "test@mail.com" } Raw text format	Internal Server Error	500
POST	"{" "noEmail": "test@mail.com" }" Raw Json format	Internal Server Error	500
POST	{ "email": "a@a.com", "secondParameter": "a@a.com" }	{ "hash": 2202419604518198 }	200