

RIVER ISLAND PROBLEM STATEMENT

thecatapi is a free restful service that helps you to store and retrieve cat images.

Contract:

Protocol	https://		
Host	api.thecatapi.com		
Resources/version	/v1		
Authorization Headers	Name	x-api-key	
	Value	DEMO-API-KEY	
APIs	/votes	GET	Returns all the Votes
	/votes	POST	Add new VOTE Body e.g. <pre>{ "image_id": "asf2", "sub_id": "my-user-1234", "value": 1}</pre>
	/votes/{vote_id}	GET	Get one specific vote
	/votes/{vote_id}	DELETE	Delete a specific vote

Requirements

1. Test the flow using any API development tool manually first (prove understanding).
2. Then implement automation tests in GO or JAVA, using a **BDD** approach

Objectives

1. GET /votes in order store the response. You will have to create a proper object to unmarshal the result in it.
 - a. Verify 200 response status code
 - b. length of the response result is more than 0.
2. From the object stored at previous point get a random element using it to GET /votes/{id}.
 - a. Verify 200 response status code,
 - b. response is not empty and
 - c. all the field in response object match the corresponding given object (by {id})
3. Create a new vote POST /votes.
 - a. Verify 200 response status code,
 - b. body response match expected value "message": "SUCCESS",
 - c. {id} response is not empty.
4. Use the new {id} created at previous point to GET /votes/{id}.
 - a. Verify 200 response status code,
 - b. {id} response match {id} request.
5. DELETE /votes/{vote_id} specifying the same {id} at previous point.
 - a. Verify body response match expected value "message": "SUCCESS"
6. GET /votes/{id} using the {id} deleted at previous point.
 - a. Verify body response match expected value "message": "NOT_FOUND" and
 - b. "status": 404