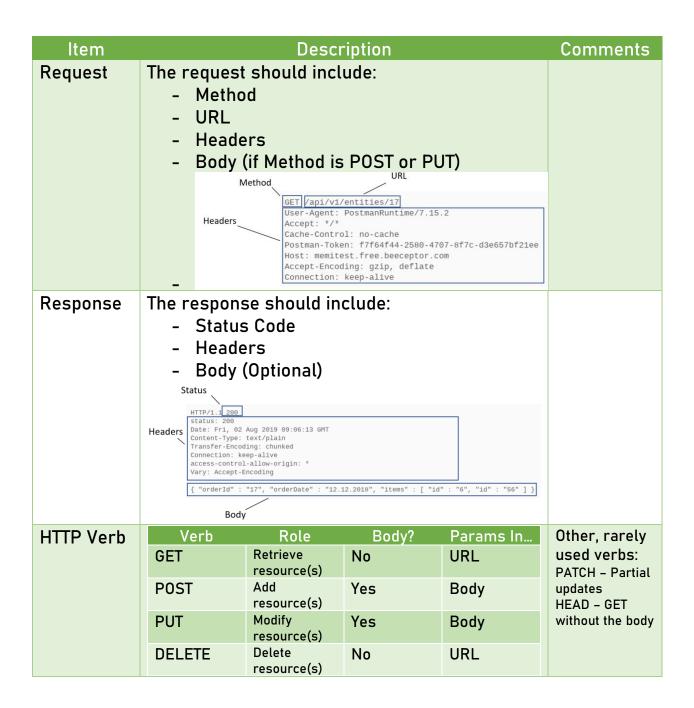
Software Architecture Series: REST API Design Check List

When designing your REST API, make sure to follow all the following items. Doing that will ensure your REST API is professional, easy to use, and attractive.



URL Structure	/api/v1/o	- NEVER include verbs in URL - Some parts are optional (ie. Sub-entity) - Use singular/plural wisely	
Response	Verb	Allowed Codes	-Avoid non-
Codes	GET	200 OK 400 Bad Request 401 / 403 Authorization Related 404 Not Found	standard codes - Consider use of 207 Multi Status code when necessary
	POST	200 OK 201 Created 202 Accepted 204 No Content 400 Bad Request 401 / 403 Authorization Related 404 Not Found	
	PUT	200 OK 202 Accepted 204 No Content 400 Bad Request 401 / 403 Authorization Related 404 Not Found	
	DELETE	200 OK 400 Bad Request 401 / 403 Authorization Related 404 Not Found	
Docs	 ALWAYS use OpenAPI / Swagger for documenting the API Great for testing and documentation Doesn't have to be exposed to external clients 		
Versioning	Include version in the API (URL or Header)Define version support policy		
Authn & Authz	 Prefer using widely-used protocols such as OAuth Use popular authentication servers if possible 		If the API is internal and cannot utilize external authn servers, check if local AD can be used.
Performance	in pl	eded, make sure Rate Limit and Quota are ace caching whenever possible	

Monitoring	 Collect API usage data Use this data to improve the API 	DO NOT develop your own monitoring engine, Use a 3 rd party for
		that.

Hope you enjoyed the course, and that it helped you creating great REST API!

For any question or comment contact me at:

memi@memilavi.com

Thanks,

Memi