Génie Logiciel TP9
Design de L'API REST

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1 Gestion des utilisateurs (profils étudiants / associations)

VERB	URL	SEND	RETURN	RETURN CODE
POST	/users	{ "name": "Alice", "email": "alice@unige.ch", "role": "student" }	{ "id": 1, "name": "Alice", ... }	201 (Created)
GET	/users/{id}	-	{ "id": 1, "name": "Alice", ... }	200 (Ok)
PUT	/users/{id}	{ "name": "Alice Dupont" }	-	204 (No content)
DELETE	/users/{id}	-	-	204 (No content)

2 Gestion des événements

VERB	URL	SEND	RETURN	RETURN CODE
POST	/events	{ ”title”: ”Soirée Erasmus”, ”date”: ”2025-12-15”, ”faculty”: ”Sciences”, ”organizerId”: 1 }	{ ”id”: 10, ”title”: ”Soirée Erasmus”, ... }	201 (Created)
GET	/events	-	```[{ "id": 10, "title": "Soiree Erasmus", ... }, ...]```	200 (Ok)
PUT	/events/{id}	{ ”title”: ”Soirée Erasmus – Afterparty” }	-	204 (No content)
DELETE	/events/{id}	-	-	204 (No content)

3 Recherche et filtres (par faculté / thème)

VERB	URL	SEND	RETURN	RETURN CODE
GET	/events?faculty= Sciences&theme= Networking	-	```[{ "id": 12, "title": " Conference Networking ", ... }]```	200 (Ok)

4 Participation aux événements

VERB	URL	SEND	RETURN	RETURN CODE
POST	/events/{id}/ participants	{ "userId": 1 }	{ "eventId": 10, "userId": 1, "status": "registered" }	201 (Created)
GET	/events/{id}/ participants	-	$\{"userId" : 1, "name" : "Alice"\}, ...$	200 (Ok)
DELETE	/events/{id}/ participants/ {userId}	-	-	204 (No content)