Golfnode – Spring Boot REST API

Members

Endpoint	Method	Description
/api/members	GET	Get all members **Parameters (optional)** **show-tournaments** (bool), default=false Response codes: 200
/api/member/{id}	GET	Get member by ID **Parameters (optional, any combination)** **show-tournaments** (bool), default=false Response codes: 200, 404 (not found)
/api/member-search	GET	Search members *All search parameters are optional, but only one search parameter (**name, billing-duration, phone-number, email, membership-start-date**, or **tournament-start-date**) can be used at a time. The **show-tournaments** flag can be combined with any single search parameter or used alone.* **Parameters (optional)** **show-tournaments** (bool), default=false **name** (string), substring match, case-insensitive **email** (string), substring match, case-insensitive **phone-number** (string), substring match, case-insensitive **billing-duration** (string), substring match, case-insensitive **membership-start-date** (yyyy-mm-dd) **tournament-start-date** (yyyy-mm-dd) Response codes: 200, 400

/api/member	POST	Create member (constraint: **email** and **phoneNumber** unique)
		Allowed choices for billingDuration: 1mo, 3mo, 6mo, 1yr, 2yr, 5yr, life
		Example payload
		<pre>{
		  "name": "Shane Lowry",
		  "address": "456 Ireland Ave, Dublin, Ireland",
		  "email": "shane.lowry@example.com",
		  "phoneNumber": "3535551919",
		  "startDate": "2024-06-10",
		  "billingDuration": "6mo"
		}</pre>Response codes: 201, 400

/api/members	POST	Create multiple members Response codes: 201, 400
/api/member/{id}	PUT	Update member by ID Response codes: 200, 400, 404
/api/member/{id}	DELETE	Delete member by ID Response codes: 204, 404, 409 (registered for tournament)

Tournaments

Endpoint	Method	Description
/api/tournaments	GET	Get all tournaments **Parameters (optional)** **show-members** (bool), default=false Response codes: 200
/api/tournament/{id}	GET	Get tournament by ID **Parameters (optional)** **show-members** (bool), default=false Response codes: 200, 404 (not found)
/api/tournament-search	GET	Search tournaments **Parameters (optional, any combination)** **show-members** (bool), default=false **start-date** (yyyy-mm-dd) **location** (string), substring match, case-insensitive Response codes: 200, 400

/api/tournament	POST	Create tournament
		Example payload
		<pre>{
		    "startDate": "2024-07-20",
		    "endDate": "2024-07-22",
		    "location": "Augusta National Golf Club",
		    "entryFee": 750.0,
		    "cashPrize": 1500000.0
		}</pre>
		Response codes: 201, 400

/api/tournaments	POST	Create multiple tournaments Response codes: 201, 400
/api/tournament/{id}	PUT	Update tournament by ID Response codes: 200, 400, 404
/api/tournament/{id}	DELETE	Delete tournament by ID Response codes: 204, 404, 409 (has registered members)

Tournament Registrations

Endpoint	Method	Description
/api/tournament/member	POST	Create tournament registration for member Example payload <pre>{ "tournamentId": 6, "memberId": 21 }</pre> Response codes: 200, 400,404, 409
/api/tournament/members	POST	Create multiple tournament registrations Response codes: 200, 207(multi-status), 400, 404, 409
/api/tournament/member	DELETE	Delete tournament registration for member Response codes: 204, 400, 404, 409