GIFT BLOCKCHAIN
PROOF OF CONCEPT

API Delivery Schedule v4.0

Corrected based on actual delivery history

Document Version	4.0	9 January 2026
Total API Endpoints	49 endpoints (38 v3.31 + 11 Admin NEW)
Reference Document	API Documentation v3.31 + Weekly Reports
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Changes in v4.0 (based on Weekly Reports verification):
- Corrected Sprint 2.1: Only 3 Auth APIs [READY], NOT admin-token
- Sprint 2.2: Transfer + Accounts + Vault-sites (bonus)
- Sprint 3.1: Users/Members delivered early + 12 APIs [READY]
- Added 11 missing Admin APIs (Rayen): whitelist, blacklist, warrant, roles, member lookup

1. Executive Summary

Metric	Count	Details
APIs v3.31 (Core)	38	Per API Documentation v3.31
APIs NEW (Admin)	11	Whitelist, Blacklist, Warrant, Roles, Member lookup
TOTAL APIs	49	Complete API surface
APIs [READY]	21	Tested, debugged, production-ready
APIs [Under-review]	2	movements, users/status
APIs Sprint 3.2	26	Transactions, Documents, Vaults, Admin APIs

2. Delivery Timeline (Actual)

Sprint	Delivery	APIs READY	Categories	Cumul	Status
2.1	12/12/2025	3	Auth (token, refresh, revoke)	3	DONE
2.2	26/12/2025	7	Transfer, Accounts, Vault-sites	10	DONE
3.1	09/01/2026	11	Users, Members, Assets, Balance	21	92%
3.2	30/01/2026	28	Transactions, Docs, Admin APIs	49	PLANNED

3. Complete API Catalog (49 Endpoints)

Legend: [R] = READY | [U] = Under-review | [P] = Planned | ■ = Admin Token | ■ = NEW API

#	Endpoint	Sprint	Status
1	POST /auth/token	2.1	[R]
2	POST /auth/refresh	2.1	[R]
3	POST /auth/revoke	2.1	[R]
4	POST /users/create ■	3.1	[R]
5	POST /users/link-member	3.1	[R]
6	GET /users/{id}/status	3.1	[U]
7	POST /members/create ■	3.1	[R]
8	POST /assets/register	3.1	[R]
9	GET /assets/{token_id}	3.1	[R]
10	GET /assets/{token_id}/history	3.1	[R]
11	POST /assets/transfer	2.2	[R]
12	PUT /assets/{token_id}/status	3.1	[R]
13	PUT /assets/{token_id}/custody	3.1	[R]
14	POST /assets/{token_id}/burn	3.1	[R]
15	GET /assets/{token_id}/track	3.1	[R]
16	POST /accounts/create ■	2.2	[R]
17	GET /accounts/{igan}	2.2	[R]
18	GET /accounts/{igan}/balance	3.1	[R]
19	GET /accounts/{igan}/movements	3.1	[U]
20	GET /accounts/{igan}/assets	3.2	[P]
21	GET /accounts/{igan}/assets/search	3.1	[R]
22	GET /accounts/member/{gic}	3.2	[P]
23	POST /vault-sites/create ■	2.2	[R]
24	GET /vault-sites	2.2	[R]
25	GET /vault-sites/{id}	3.2	[P]
26	GET /vault-sites/{id}/inventory	3.2	[P]
27	POST /vaults/create ■	3.2	[P]
28	GET /vault-sites/{id}/vaults	3.2	[P]
29	GET /vaults/{id}	3.2	[P]
30	PUT /vaults/{id}/status	3.2	[P]
31	POST /transactions/create	3.2	[P]
32	POST /transactions/{ref}/sign	3.2	[P]
33	GET /transactions/{ref}	3.2	[P]
34	GET /transactions/{ref}/events	3.2	[P]
35	PUT /transactions/{ref}/status	3.2	[P]
36	POST /documents/upload	3.2	[P]
37	POST /documents/upload-set	3.2	[P]
38	GET /documents/{id}/hash	3.2	[P]
39	POST /documents/verify	3.2	[P]
40	POST /whitelist ■ ■	3.2	[P]

41	DELETE /whitelist/{addr} ■ ■	3.2	[P]
42	POST /blacklist ■ ■	3.2	[P]
43	DELETE /blacklist/{addr} ■ ■	3.2	[P]
44	GET /warrants/{id}/status ■	3.2	[P]
45	GET /warrants/{id}/token ■	3.2	[P]
46	POST /members/{gic}/roles ■ ■	3.2	[P]
47	DELETE /members/{gic}/roles/{r} ■ ■	3.2	[P]
48	GET /members/{gic} ■	3.2	[P]
49	GET /members/{gic}/accounts ■	3.2	[P]

4. NEW Admin APIs (Rayen's Request)

These APIs were identified as MISSING by the Smart Contract team (Rayen). They are required for complete minting flow testing and proper role/permission management on-chain.

Category	API Endpoint	SC Function	Priority
Whitelist	POST /whitelist	addToWhitelist	CRITICAL
Whitelist	DELETE /whitelist/{addr}	removeFromWhitelist	CRITICAL
Blacklist	POST /blacklist	addToBlacklist	HIGH
Blacklist	DELETE /blacklist/{addr}	removeFromBlacklist	HIGH
Warrant	GET /warrants/{id}/status	isWarrantUsed	CRITICAL
Warrant	GET /warrants/{id}/token	getTokenByWarrant	HIGH
Roles	POST /members/{gic}/roles	assignRole	CRITICAL
Roles	DELETE /members/{gic}/roles/{r}	revokeRole	HIGH
Member	GET /members/{gic}	getMemberDetails	MEDIUM
Member	GET /members/{gic}/accounts	getAccountsByMember	MEDIUM

Impact: Without these APIs, complete minting workflow cannot be tested end-to-end.
Recommendation: Prioritize whitelist + warrant + roles APIs in Sprint 3.2 Week 1.

5. Summary by Category

#	Category	Total	READY	Pending	Sprint
1	Authentication	3	3	0	2.1
2	User Management	3	2	1	3.1
3	Member Management	1	1	0	3.1
4	Gold Asset Management	8	8	0	3.1
5	Gold Account	6	4	2	Mixed
6	Vault Site Management	4	2	2	2.2/3.2
7	Vault Management	4	0	4	3.2
8	Transaction Management	5	0	5	3.2
9	Document Management	4	0	4	3.2
10	Admin APIs (NEW)	11	0	11	3.2
	TOTAL	**49**	**21**	**28**	

Key Notes:

- Sprint 3.1 achieved 92% completion (21 APIs READY, 2 under-review)
- User/Member APIs delivered early (planned for Sprint 3.2)
- 11 NEW Admin APIs identified by SC team - to be developed Sprint 3.2
- Remaining 28 APIs planned for Sprint 3.2 (30/01/2026)