

API_Design_Generic

Story Specification	Used by	Service name	Request API	Response API	Comments
Create offer for loyalty program	BusinessUser	createLoyaltyOffers	{ "loyalty_offer_crud_rq": { "header": { "user_name": "businessUser", "product": "LRS", "request_type": "CREATE_LOYALTY_OFFER" }, "offer_list": [{ "offer_name": "Exclusive Access", "offer_desc": "Exclusive product launch preview", "status": "Active" }, { "offer_name": "Priority Support", "offer_desc": "Enjoy priority access to our customer support team", "status": "Active" }] } }	{ "loyalty_offer_crud_rs": { "status": "success" } }	
Edit offer for loyalty program	BusinessUser	editLoyaltyOffers	{ "loyalty_offer_crud_rq": { "header": { "user_name": "businessUser", "product": "LRS", "request_type": "EDIT_LOYALTY_OFFER" }, "offer_list": [{ "offer_id": "4", "offer_name": "Exclusive Content", "offer_desc": "Access to exclusive webinars", "Status": "(A)ctive/(I)nactive" }, { "offer_id": "4", "offer_name": "Membership Upgrade", "offer_desc": "Enjoy a one-month upgrade of membership", "Status": "(A)ctive/(I)nactive" }] } }	{ "loyalty_offer_crud_rs": { "status": "success" } }	
Delete offer for loyalty program	BusinessUser	deleteLoyaltyOffers	{ "loyalty_offer_crud_rq": { "header": { "user_name": "businessUser", "product": "LRS", "request_type": "DELETE_LOYALTY_OFFER" }, "offer_list": [{ "offer_id": "5" }, { "offer_id": "8" }] } }	{ "loyalty_offer_crud_rs": { "status": "success" } }	

Fetch all active loyalty offers	BusinessUser	getLoyaltyOfferInfo	{ "loyalty_offer_fetch_rq": { "header": { "user_name": "businessUser/endUser", "product": "LRS", "request_type": "FETCH_LOYALTY_OFFER" } } }	{ "loyalty_offer_fetch_rs": { "offer_list": [{ "offer_id": "1", "offer_name": "Exclusive Access", "offer_desc": "Exclusive product launch preview", "modified_by": "businessUser1", "last_modified": "12/7/2024, 10:54:12 AM", "status": "Active" }, { "offer_id": "2", "offer_name": "Priority Support", "offer_desc": "Enjoy priority access to our customer support team", "modified_by": "businessUser2", "last_modified": "12/8/2024, 10:54:12 AM", "status": "Active" }] } }	
Create tiers for loyalty program	BusinessUser	createLoyaltyTiers	{ "loyalty_tier_crud_rq": { "header": { "user_name": "businessUser", "product": "LRS", "request_type": "CREATE_LOYALTY_TIER" } }, "tier_list": [{ "tier_name": "Bronze", "tier_desc": "Bronze membership", "status": "Active" }, { "tier_name": "Silver", "tier_desc": "Silver membership", "status": "Active" }] }	{ "loyalty_tier_crud_rs": { "status": "success" } }	
Edit tiers for loyalty program	BusinessUser	editLoyaltyTiers	{ "loyalty_tier_crud_rq": { "header": { "user_name": "businessUser", "product": "LRS", "request_type": "EDIT_LOYALTY_TIER" } }, "tier_list": [{ "tier_id": "4", "tier_name": "Platinum", "tier_desc": "Platinum membership", "Status": "(A)ctive/(I)nactive" }, { "tier_id": "4", "tier_name": "Gold", "tier_desc": "Gold membership", "Status": "(A)ctive/(I)nactive" }] }	{ "loyalty_tier_crud_rs": { "status": "success" } }	

Delete tiers for loyalty program	BusinessUser	deleteLoyaltyTiers	{ "loyalty_tier_crud_rq":{ "header":{ "user_name": "businessUser", "product": "LRS", "request_type": "DELETE_LOYALTY_TIER" }, "tier_list":[{ "tier_id": "2" }, { "tier_id": "6" }] } }	{ "loyalty_offer_crud_rs":{ "status": "success" } }	
Fetch all active loyalty tiers	BusinessUser	getLoyaltyTiersInfo	{ "loyalty_tier_fetch_rq":{ "header":{ "user_name": "businessUser/endUser", "product": "LRS", "request_type": "FETCH_LOYALTY_TIER" } } }	{ "loyalty_tier_fetch_rs":{ "tier_list":[{ "tier_id": "1", "tier_name": "Platinum", "tier_desc": "Platinum membership", "modified_by": "businessUser1", "last_modified": "12/7/2024, 10:54:12 AM", "status": "Active" }, { "tier_id": "2", "tier_name": "Gold", "tier_desc": "Gold membership", "modified_by": "businessUser2", "last_modified": "12/8/2024, 10:54:12 AM", "status": "Active" }] } }	
Mapping of offers with tiers	BusinessUsers	MappingLoyaltyOffersTiers	{ "loyalty_offer_tier_mapping_rq":{ "header":{ "user_name": "businessUser", "product": "LRS", "request_type": "MAPPING_LOYALTY_OFFER_TIER" }, "mapping_info_offer_tier": [{ "offer_id": "1", "tier_id": "4", "Status": "(A)ctive/(I)nactive" }, { "offer_id": "2", "tier_id": "1", "Status": "(A)ctive/(I)nactive" }] } }	{ "loyalty_offer_tier_mapping_rs":{ "status": "success" } }	
Edit/Delete mapping of offers with tiers	BusinessUser	EditMappingLoyaltyOffersT	{ "edit_loyalty_offer_tier_mapping_rq":{ "header":{ "user_name": "businessUser", "product": "LRS", "request_type": "EDIT_MAPPING_LOYALTY_OFFER_TIER" }, "mapping_info_offer_tier": [{ "mapping_id": "1", "Status": "(A)ctive/(I)nactive" }, { "offer_id": "2", "tier_id": "1", "Status": "(A)ctive/(I)nactive" }] } }	{ "edit_loyalty_offer_tier_mapping_rs":{ "status": "success" } }	If an already mapped offer-tier is edited, previous mapping will be inactive and a new mapping will be created; Both will be there in request;

View tierwise rule setup	BusinessUser	FetchTierwiseRuleSetup	<pre>{ "loyalty_rule_setup_with_tier_rq": { "header": { "user_name": "endUser", "product": "LRS", "request_type": "FETCH_TIER_WISE_RULE_SETUP_INFO" } } }</pre>	<pre>{ "loyalty_rule_setup_with_tier_rs": { "tier_wise_loyalty_rule_setup": { "currency": "USD", "wallet_balance": "8000" }, "tier_wise_loyalty_rule_list": [{ "rule_id": "1", "tier_id": "1", "rule_desc": "Revenue-based conversion to ADA for silver-tier members.", "conversion_rules": [{ "min_revenue": "1000", "max_revenue": "1000", "percentage_rate": "5" }] }, { "rule_id": "2", "tier_id": "2", "rule_desc": "Revenue-based conversion to ADA for Gold-tier members.", "conversion_rules": [{ "min_revenue": "1001", "max_revenue": "5000", "percentage_rate": "8" }] }, { "rule_id": "3", "tier_id": "3", "rule_desc": "Revenue-based conversion to ADA for platinum-tier members.", "conversion_rules": [{ "min_revenue": "5000", "max_revenue": "null", "percentage_rate": "8" }] }] } }</pre>	
Save tierwise rule setup	BusinessUser	SaveTierwiseRuleSetup	<pre>{ "loyalty_rule_setup_with_tier_rq": { "header": { "user_name": "businessUser", "product": "LRS", "request_type": "LOYALTY_RULE_SETUP_SAVE" } }, "tier_wise_loyalty_rule_setup": { "currency": "USD", "tier_wise_loyalty_rule_list": [{ "tier_id": "1", "rule_desc": "Revenue-based conversion to ADA for silver-tier members.", "conversion_rules": [{ "min_revenue": "1000", "max_revenue": "1000", "percentage_rate": "5" }] }, { "tier_id": "2", "rule_desc": "Revenue-based conversion to ADA for Gold-tier members.", "conversion_rules": [</pre>	<pre>{ "loyalty_rule_setup_with_tier_rs": { "status": "success" } }</pre>	

			<pre>{ "min_revenue": "1001", "max_revenue": "5000", "percentage_rate": "8" }], }, { "tier_id": "3", "rule_desc": "Revenue-based conversion to ADA for platinum-tier members.", "conversion_rules": [{ "min_revenue": "1001", "max_revenue": "5000", "percentage_rate": "8" }] } } } }</pre>	
View details while logged in as end user	End User	loginInfoForEndUser	<pre>{ "loyalty_end_user_login_rq": { "header": { "product": "LRS", "request_type": "END_USER_LOGIN" }, "user_info": { "email": "user@example.com", "password": "encryptedsecurePassword123" } } }</pre>	<pre>{ "loyalty_end_user_login_rs": { "user_info": { "status": "success", "message": "Login successful", "user_info": { "user_id": "101", "email": "user@example.com", "tier": { "tier_id": "3", "tier_name": "Gold" } }, "assigned_offers": [{ "offer_id": "1", "offer_name": "Exclusive Access", "offer_desc": "Exclusive product launch preview" }, { "offer_id": "2", "offer_name": "Priority Support", "offer_desc": "Enjoy priority access to our customer support team" }], "wallet_info": { "ada_balance": "1200", "rewards_earned": "800", "rewards_spent": "300", "rewards_balance": "500", "transactions": [{ "transaction_id": "1", "date": "2024-01-10", "amount": "100", "type": "credit", "desc": "ADA reward for Gold-tier spending" }, { "transaction_id": "2", "date": "2024-01-15", "amount": "50", "type": "debit", "desc": "Purchase of product" }] } } } }</pre>

View end users details with pagination	Business User	FetchEndUsersInfo	<pre>{ "loyalty_end_users_info_rq": { "header": { "user_name": "businessUser", "product": "LRS", "request_type": "FETCH_END_USER_INFO" } } }</pre>	<pre>{ "loyalty_end_users_info_rs": { "user_info_list": { "overall_info": { "total_users": "100", "page": "1", "limit": "20", "user_info": [{ "user_id": "101", "email": "endUser1@example.com", "user_name": "endUser", "tier_editable": "true/false" }, { "tier": { "tier_id": "3", "tier_name": "Gold", "rule_applied": { "rule_id": "2", "rule_desc": "Revenue-based conversion to ADA for platinum-tier members." }, "conversion_rules": [{ "min_revenue": "1001", "max_revenue": "5000", "percentage_rate": "8" }] } }, { "assigned_offers": [{ "offer_id": "1", "offer_name": "Priority Support", "offer_desc": "Enjoy priority access to our customer support team" }], "wallet_info": { "ada_balance": "1200" } }] } } } }</pre>	
Modify end users details (only tier)	Business User	EditEndUsersInfo	<pre>{ "loyalty_end_user_edit_rq": { "user_info_list": { "user_info": [{ "user_id": "101", "tier": { "tier_id": "3" } }] } } }</pre>	<pre>{ "loyalty_end_user_edit_rq": { "status": "success" } }</pre>	
Transfer currency from one wallet to another wallet	End User	transferFromOneWalletToAnother	<pre>{ "loyalty_end_user_wallet_transfer_rq": { "header": { "user_name": "endUser", "product": "LRS", "request_type": "END_USER_WALLET_TRANSFER" }, "wallet_info": { "user_id": "1", "source_wallet_address": "addr_test1vppvktcxw8eyhwkdf1jqz5xxqpxk8sj9d7pzvntfkn94y", "destination_wallet_address": "addr_test2vppvktcxw8eyhwkdf1jqz5xxqpxk8sj9d7pzvntfkn94y", "currency_type": "ada", "amount": "100.0", "transaction_desc": "Transfer for purchase" } } }</pre>	<pre>{ "loyalty_end_user_wallet_transfer_rq": { "status": "success" } }</pre>	

After successful login, the end user needs to integrate existing wallet	End User	createEndUserWallet	{ "loyalty_end_user_wallet_integrate_rq": { "header": { "user_name": "endUser", "product": "LRS", "request_type": "END_USER_CREATE_WALLET" }, "wallet_info": { "user_id": "1", "currency_type": "ada", "wallet_name": "cardanoWallet", "wallet_address": "addr_test1vppvktbxw8eyhwkdf1jzq5xxqpxk8sj9d7pzvntfkng94ycn9mjqx", } } }	{ "loyalty_end_user_wallet_integrate_rs": { "status": "success" } }	
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