Smart Contract Architechture

Operations	User	r Marketp	lace.sol IWET	H.sol WethReg	gistry.sol WethRo	eward.sol Escr	ow.sol GoogleSt	epsApi.sol RunBro [*]	Foken.sol KYC.sol
Seller Operation	er/ Company —	Registers by providing Details for KYC purpose. addletailsf) If seller is verified by DAO, he/she aligible to list the shoes, by providing the platform fee.	Deposits in WETH	Platform fee is transferred to WethRegistry Contract and reserve fund is	Seller send Details about the company and brand addDetails0			Ves €	propose(), castvote(), queueData(), and executeproposal().
Buyer Operation	Buyer/ User	User first links his metamask address with google account, this will done to link Google Fit API with metamask address. **mapEmailToAddress()** Buyer proceeds to buy the shoe, by paying the shoe price. **boy()		updated. updateffseevellalance() User will only compete with his slot users, i.e. other 99 users to earn the reward. User is added in the current slot. Each slot contains 100 users, for 101th user next slot is creaeted.		The Fund is locked in escrow contract, until final agreement between seller and buyer is done.		Seller Verified	No RunBroToken will be governance token for DAO.
Se	eller (User will call the function to send	and buyer is done. update Buyer is done. Update Buyer is when the sagreement between seller and buyer is done No confirmDeliveryOfShoeByUser() and confirmDeliveryOfShoeBySeller()	•		
Buyer Operation	Buyer/ User —				request to fetch the steps and also to record the steps. sendinguest of act-lisepol and record etchestings)	Will check if user has registered on plasform or not.	Using chainlink functions, we will fetch the user steps, between today's mifnight and yesterday's midnight Chainlink		
					User will call the function to claim reward.	Whenever user data is recorded, the steps data for a slot is also recoded, so we also have mapping for total numbers of steps by all users in a slot between today's midnight and yesterday's midnight. User Steps has been recorded in a mapping			
Buyer Operation Buyer/ U	Buyer/ User				Interact to fetch the reward allocated to user's/caller's slot. based on internal calculations, reward amount for the user is calculated, and transferred to his account.	→			
Buyer Operation I	Buyer/ User —				his account: calculate ReventiOfUserSteps _calculate Share OfUserSteppinGot _calculate Share OfUserHisfactorHrStat _calculate Share OfUserHisfactorHrStat			Check if user No has purchased 3 shoes.	
Buyer/ U CHAINLINK AUTOMATION—	Jser •			Chainlink	distributefilalanceToSiot0 This function will be called by chainlink automation at every 24 hours, the pupose is to transfer the fund from reserve to different slots,			Mint 1 RunBroToken to user wallet, the pupose is tif user holds RBT they will get extra discount for future purchases.	
					transfer the fund from reserve to different slots, from where the rewards can be further distributed to all users in a slot				