

## Audit Scope

1. Customer can :
  - a. Get 0.01 DBIO when register (to cover transaction weight)
  - b. Do wallet binding (bind between polkadot and ethereum address)
  - c. Request biomedical testing or genetic testing
    - i. Pay using metamask (DAI)
    - ii. Get DBIO token as reward after the result is ready *only* if the customer is a *staker* (see 1.e). Total reward per transaction for the MVP will be 100% from the service price (subject to change).
    - iii. Download test result from IPFS by decrypt system
  - d. See payment and test history
  - e. Staking request service when no lab and service available in the area
  - f. Bounty their test result to ocean marketplace
    - i. Get DBIO token as reward. Total reward per transaction for the MVP will be 100% from the service price (subject to change).
    - ii. Submit to ocean marketplace with data token based on service category :
      1. Covid-19 : \$COV19
      2. Single Gene : \$SNGL
      3. SNP Microarray : \$SNPM
      4. Targeted Gene Panel Sequencing : \$TGPS
      5. Whole Exome Sequencing : \$WES
      6. Whole Genome Sequencing : \$GENE
      7. Whole Transcriptome Sequencing : \$WTS
      8. Pharmacogenomics : \$PHRM
  - g. Upload electronic medical record
2. Lab can :
  - a. Get 0.01 DBIO when register/create a DeBio account (to cover transaction weight).
  - b. Apply to be verified by DAOGenics.
  - c. Create service once declared as verified user by DAOGenics.
  - d. Get 2 DBIO after being verified.
  - e. Get 10% DBIO from the service price as reward for every service sold to *stakers* (see 1.e).
  - f. Edit their account profile.
  - g. Process customer's order
    - i. Upload result to IPFS by encrypt system
3. DAOGenics can:
  - a. View a list of registered labs and their profile.
  - b. Accept or reject lab's verification application.
4. Others :
  - a. Minting happened in near side at once when appchain booting
  - b. DBIO reward will took portion of 'community, marketing, customer acquisition, and bounty' and amount of reward will be determined and executed by back end to trigger pallet reward (there will be more adjustment after launch).

- c. Incomplete order (customer already paid but the lab hasn't give the result yet)  
will be keep in escrow smart contract
- d. Staking request service system will be handled in smart contract
- e. Token distribution will be shared manually

Supply			Vesting	Nov		
				Month 1	Month 2	Month 3
1 Angel	2.50%	2500000	20% + 6 months	500,000.00	333,333.33	333,333.33
2 Seed	5.00%	5000000	5 months vesting	1,000,000.00	1,000,000.00	1,000,000.00
3 Strategic	5.00%	6000000	3 months vesting	2,000,000.00	2,000,000.00	2,000,000.00
Private	1.00%		1 month after end of IDO, no vesting, 15 cents			
4 IDO	6.50%	6500000	No vesting	6,500,000.00		
5 Team and Advisors	12.50%	12500000	3 years	247,222.00	247,222.00	247,222.00
6 Foundation	17.50%	17500000	Year 4 to year 9			
7 Community, Marketing, Customer Acquisition, Bounty	25.00%	25000000	5 years	416,666.00	416,666.00	416,666.00
8 Appchain Validators (Reward set at 5 mil DBIO a year)	25%	25000000	5 years	416,666.00	416,666.00	416,666.00
9 Monthly Emission				11,080,554.00	4,413,887.33	4,413,887.33
10 Total Supply				11,080,554.00	15,494,441.33	19,908,328.66
					39.83%	28.49%

Not in the scope :

1. Lab's attestation with Kilt.io
2. DAOGenics can edit reward settings
3. Token GBIO, MED, EMR
4. Medical Doctor
5. Hospital/Clinic