

### Task Overview

To Create a Multi-level Marketing Referral Tracking system and assigning Rewards based on 3 - Layer Deep Referral

- Assume 1 invites 2 and 2 invites 3 and so on and 5 invites 6.
- When a amount is added to user ( wallet schema), parent gets reward as well  
(When a new document is added to wallet schema for user, finds its 3 parents and reward them based on “Referral Master Earning Data”)

User Id	Parent 1 userId ( Referred By)	Parent 2 userId ( Referred By)	Parent 3 userId ( Referred By)
1	none	none	none
2	1	none	none
3	2	1	none
4	3	2	1
5	4	3	2
6	5	4	2

### Referral Master Earning Data

Amount Earned	Parent 1 Receives(40%)	Parent 2 Receives (20%)	Parent 3 Receives(10%)
Eg user earns 10	4	2	1

### Examples (Amount

User & Amount	Parent 1 Id / earned amount	Parent 2 Id / Earned Amount	Parent 3 Id / earned amount
1/10	0/0	0/0	0/0
2/20	Parent 1 - 1 / Rs 8	0/0	0/0
3/30	2 / 12	1 / 6	0/0
4 / 25	3 / 10	2 / 5	1 / 2.5
5 / 35	4 / 14	3 / 7	2 / 3.5

- You might need to create the following collections
  - User model - Name, userId, parent1userId, parent2userId, parent3userId,
  - ReferralBreakuEarningMode - parent1Split, parent2Split parent3Split
  - WalletSchema - userId, amount, description

Eg, when userId 5 is added 5 rupees to wallet schema, there will also be 3 more documents in walletschemas of userId4 and userId 3 & userId 2

The above models are for understanding purposes and you're free to use your own models and naming conventions.

Please create Appropriate API's for entries and deletion and testing it out of models

We wish you all the best!