SPLITWISE: App to split your changes

There are different API exposed by the webservices to perform the task.

1. Create a user :
   1. [POST] http://localhost:8090/crimepatrol/users

Body : {

"name": "Manash",

"address" : "Bangalore",

"displayName" : "Jaga"

}

1. Get users :
   1. [GET] http://localhost:8090/crimepatrol/users
2. Create a group :
   1. [POST] http://localhost:8090/crimepatrol/groups

Body:

{

"name": "Movie",

"userName" : "Matish,Manash"

}

You need to add comma separated user names. You can ad as many user you can.

1. Get groups:
   1. [GET] http://localhost:8090/crimepatrol/groups
2. Create an Expenditure(Event):
   1. [POST] http://localhost:8090/crimepatrol/expenditures

Body:

{

"groupName": "Movie",

"userUid" : "Manash",

"amount" : 100,

"name" : "Settlement"

}

1. Get Expenditure:
   1. [GET] <http://localhost:8090/crimepatrol/expenditures>
2. Split Bill
   1. http://localhost:8090/crimepatrol/splitdetails

Body:

{

"expenditureName": "Settlement",

"userSplit": [

{

"userName": "Matish",

"amount": 60

}

]

}

1. User pays amount
   1. [PUT] http://localhost:8090/crimepatrol/expenditures/Settlement/pay/Matish

Body :

{

"amount" : 40

}

1. Know how much user1 owes user2
   1. [GET] http://localhost:8090/crimepatrol/expenditures/Settlement/pay/Manash?payee=Matish
2. Get total info about expenditure
   1. [GET] http://localhost:8090/crimepatrol/expenditures/Settlement/aggregatedinfo

Response body :

{

"name""Settlement",

"createdDate""2019-06-18T055421.679+0000",

"totalAmount"100,

"owner""Manash",

"split"

[

{

"userName""Matish",

"amountPaid"40,

"amountRemaining"20

}

]

}