**Coding Assignment**

**Problem Statement**

Code a simple Bill Splitting App for 3 friends Amar, Akbar and Anthony.

They generally eat together and most of the time one of them or two of them end up paying money while keeping track of who spend what for each time on paper. They use these records at the end of month to decide who owe (an obligation to pay or repay) how much money among them.

App should have UI for creating entry - Event (Lunch, Dinner, Snacks), Date Entry, Location, Total amount, Who all were present out of 3 (it may be possible only two out of three are eating at event), Total amount, and how much each paid (it may happen for $100 bill, Amar paid 80, Akbar 15 and Anthony 5).

After adding in record, SW should show the updated status of who owe what to whom till date considering earlier events as well all the events in the past.

Bonus if you are a fast programmer - add a special event which is special bill settlement event in which one pays money to others they owe i.e. at the end of month Anthony has $200 to be paid to Amar and $45 to Akbar - the he can add in event - paid $200 to Amar, and $45 to Akbar making the amount owe by Anthony to $0.

**Expectation:**

1. Code in RoR
2. Deploy the code
3. Database – Good to have
4. Rspec – Good have
5. Basic front end UI to enter inputs