

Prodip<sup>p</sup> 25  
Simmi<sup>p</sup> 25

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Jassi<sup>o</sup> 10

Simmi<sup>o</sup> 10

Prodip<sup>o</sup> 10

Mintu<sup>o</sup> 10

Prabh<sup>o</sup> 10

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1 Prodip<sup>p</sup> - Prodip<sup>o</sup>

Simmi<sup>p</sup> - Simmi<sup>o</sup>

We figure out how much  
everybody owes in absolute  
values

$$P_{\text{rodip}}^P = 15$$

$$S_{\text{immi}}^P = 15$$

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$$P_{\text{rodip}}^0 = 0$$

$$S_{\text{immi}}^0 = 0$$

$$J_{\text{assi}}^0 = 10$$

$$P_{\text{rabh}}^0 = 10$$

$$M_{\text{intu}}^0 = 10$$

② Split the remaining payee  
(maybe on server side?)

P<sub>rodip</sub> : J<sub>assi</sub> 10

P<sub>rodip</sub> P<sub>rabh</sub> 5

S<sub>immi</sub> P<sub>rabh</sub> 5

S<sub>immi</sub> M<sub>intu</sub> 10

③ Create payload

```
{ description: "Macca's",  
  amount: 50,
```

```
  payers: [{  
    user: Phodip  
    amount: $25
```

```
  }, {
```

```
    user: Simmi,  
    amount: $25,
```

```
  }],
```

```
  payee: [{
```

```
    user: Phodip,  
    amount: $10.
```

```
  }, {
```

```
    user: Simmi,
```

```
    amount: $10
```

```
  }, { Jassi, 10 }, { Mintu, 10 }, { Prabh, 10 }]
```

```
}
```

