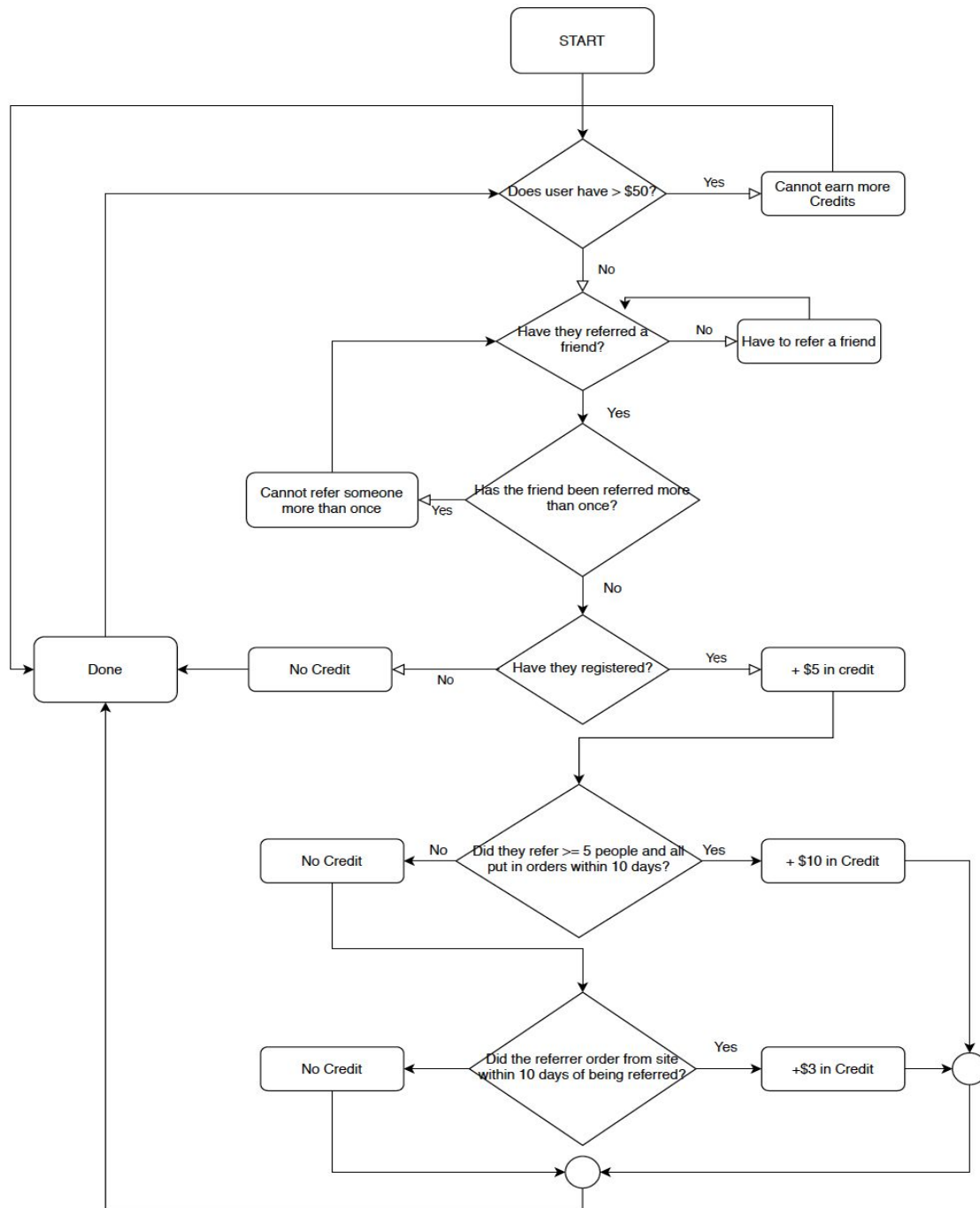


CMPE 187

Assignment - Decision Tables

Abhinav Sarma, Yosimy Cortes

Part 1) Workflow Diagram:



Part 2) Decision Table:

| | | | | | | |
|---|-----|------|------|---|---|---|
| Names : Abhinav Sarma, Yosimy Cortes | | | | | | |
| DECISION TABLE | | | | | | |
| Conditions | | | | | | |
| > 50 Credits | Y | N | N | N | N | N |
| Refer a friend | - | N | Y | Y | Y | Y |
| Friend registers on site | - | - | N | Y | Y | Y |
| Friend places order within 10 days | - | - | - | Y | Y | N |
| Refer 5 or more friends & all order within 10 days | - | - | - | Y | N | - |
| Outcomes | | | | | | |
| Outcome 1: No credit | Y * | Y ** | Y*** | | | |
| Outcome 2: \$5 in credits | | | | | | Y |
| Outcome 3: Additional \$3 in credits | | | | | Y | |
| Outcome 4: Additional \$10 in credits | | | | Y | | |
| <p>Note: All outcomes are taking into consideration that the same person cannot be referred more than once</p> <p>Y = Yes, N = No</p> <p>"-" = Doesn't matter if Yes OR No</p> <p>* If user has >50 credits no matter what the conditions, he cannot receive additional credit</p> <p>** If he has not referred a friend all the next conditions are invalid</p> <p>***Your friend has to register for you to receive credit</p> | | | | | | |

Part 3) Three Test Scenarios:

| Scenario # | Test Scenario | Expected Result |
|------------|--|--|
| 1 | Abhinav has \$65 credits in his account. He refers two people, both referred only once, register on site and order within 10 days. | The system accepts the information and checks account credits but credits are \$65 (>\$50). Hence, no credits are applied to the account despite the scenario. |
| 2 | Yosimy currently has \$0 credits in his account. He refers 5 people, all referred once but only 3 ordered | The System accepts information and sees that the user has less than \$50 in credit. It also sees that |

| | | |
|---|---|---|
| | within 10 days | referrer referred 5 people and everyone has been referred once. Also sees that only 3/5 ordered within the 10 day limit. The user is given \$34 in credits. \$25 for friends registering and \$3 for each of them ordering within 10 days. |
| 3 | Yosimy currently has \$5 as credits in his account. He refers 5 people and all of them have only been referred once, register on the site and order within 10 days. | System accepts information and sees that the user has less than \$50 in credits and everyone has only been referred once and that everyone has ordered within 10 days of registering. The user is given \$35 in credits. \$25 for friends registering and \$10 for all of them ordering within 10 days. |