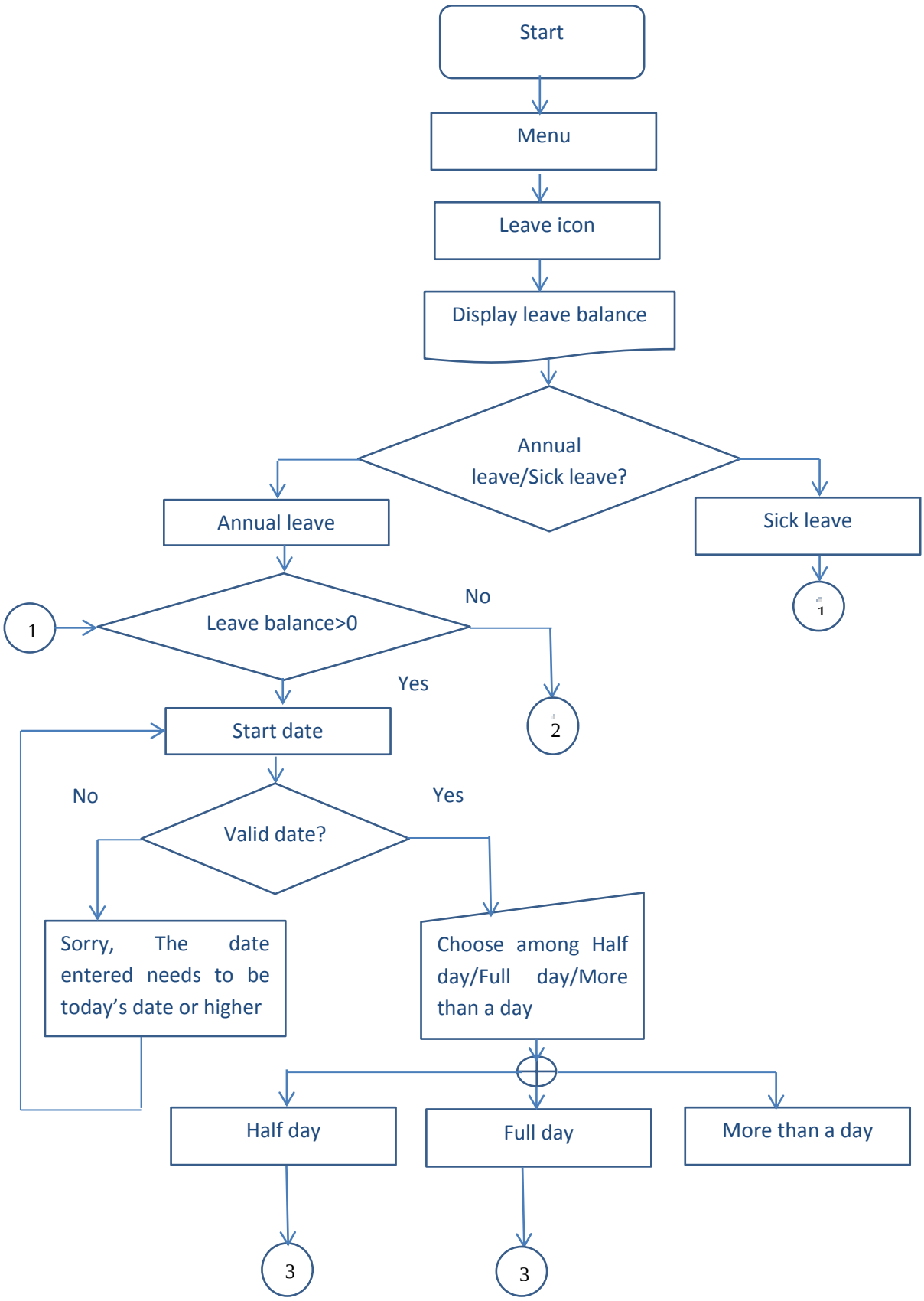
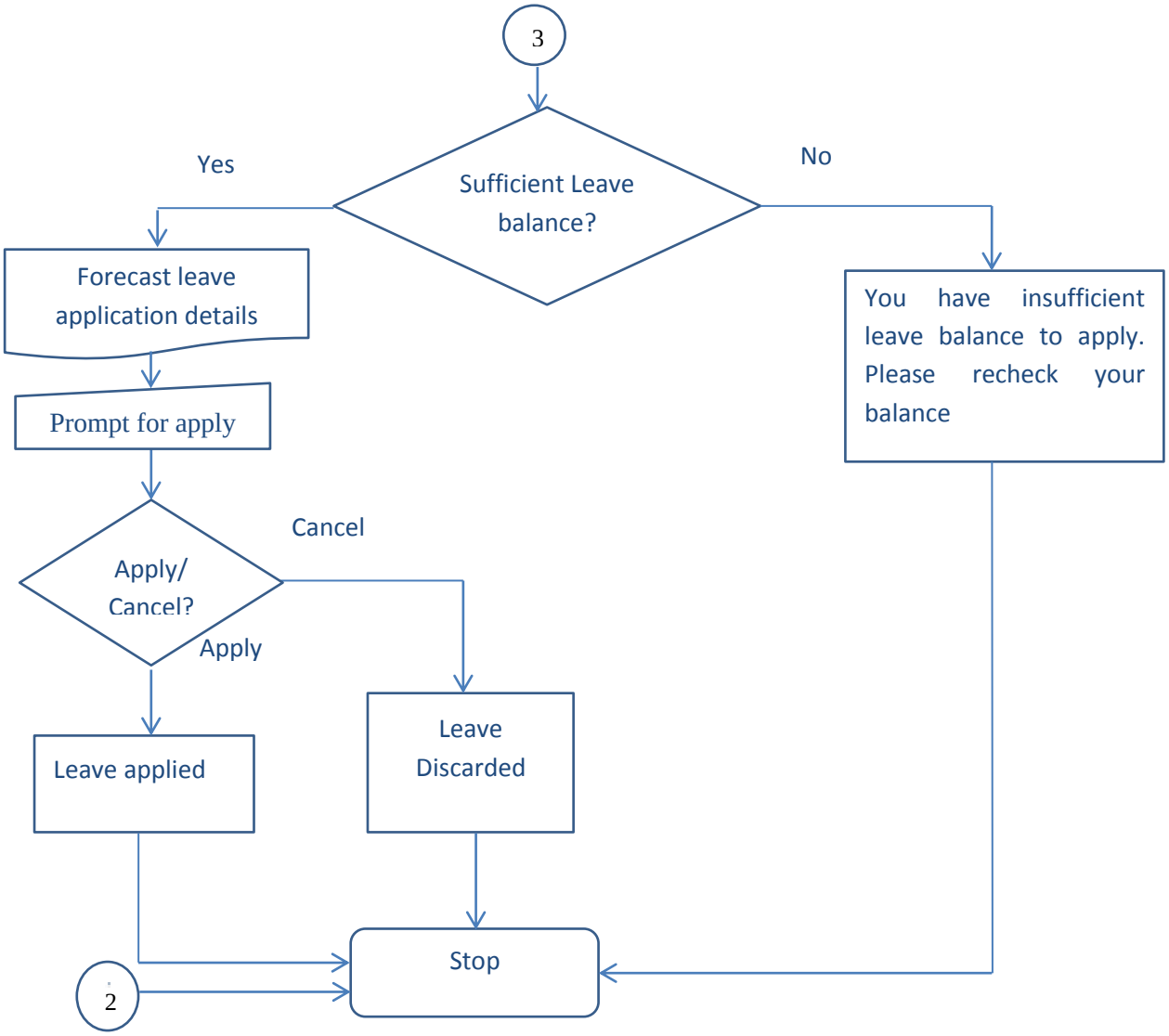
Flow Chart

Leave Service (Half day & Full day)




3
Sufficient Leave balance?
Yes
No
Forecast leave application details
You have insufficient leave balance to apply. Please recheck your balance
Prompt for apply
Apply/ Cancel?
Cancel
Apply
Leave applied
Leave Discarded
Stop
2

Algorithm (Leave Service : Half day & Full day)

Step 1: Start

Step 2: Go to menu

Step 3: Click on Leave icon

Go to step 4

Step 4: Display leave details

Go to step 5

Step 5: Check user wants annual leave or sick leave

If user wants sick leave go to step 6

Else go to step 6

Step 6: Check leave balance>0

If yes go to step 7

Else go to step

Step 7: Choose the start date of leave

Go to step 8

Step 8: Validate the date

If it is valid go to step 9

Else go to step 10

Step 9: Choose among Half day/Full day/More than a day

If user selects half day go to step 11

If user selects full day go to step 11

Step 10: Display error message as "Sorry, The date entered needs to be today's date or higher"

Go to step 7

Step 11: Check leave balance available or not

If leave available go to step 12

Else go to step 13

Step 12: Forecast leave application details

Go to step 14

Step 13: Display as you have insufficient leave balance to apply. Please recheck your leave balance

Go to step 18

Step 14: Prompt for apply /cancel

Step 15: Check whether user click on apply or cancel

If user click on apply go to step 16

Else go to step 17

Step 16: Leave applied

Go to step 16

Step 17: Leave discarded

Go to step 18

Step 18: Stop