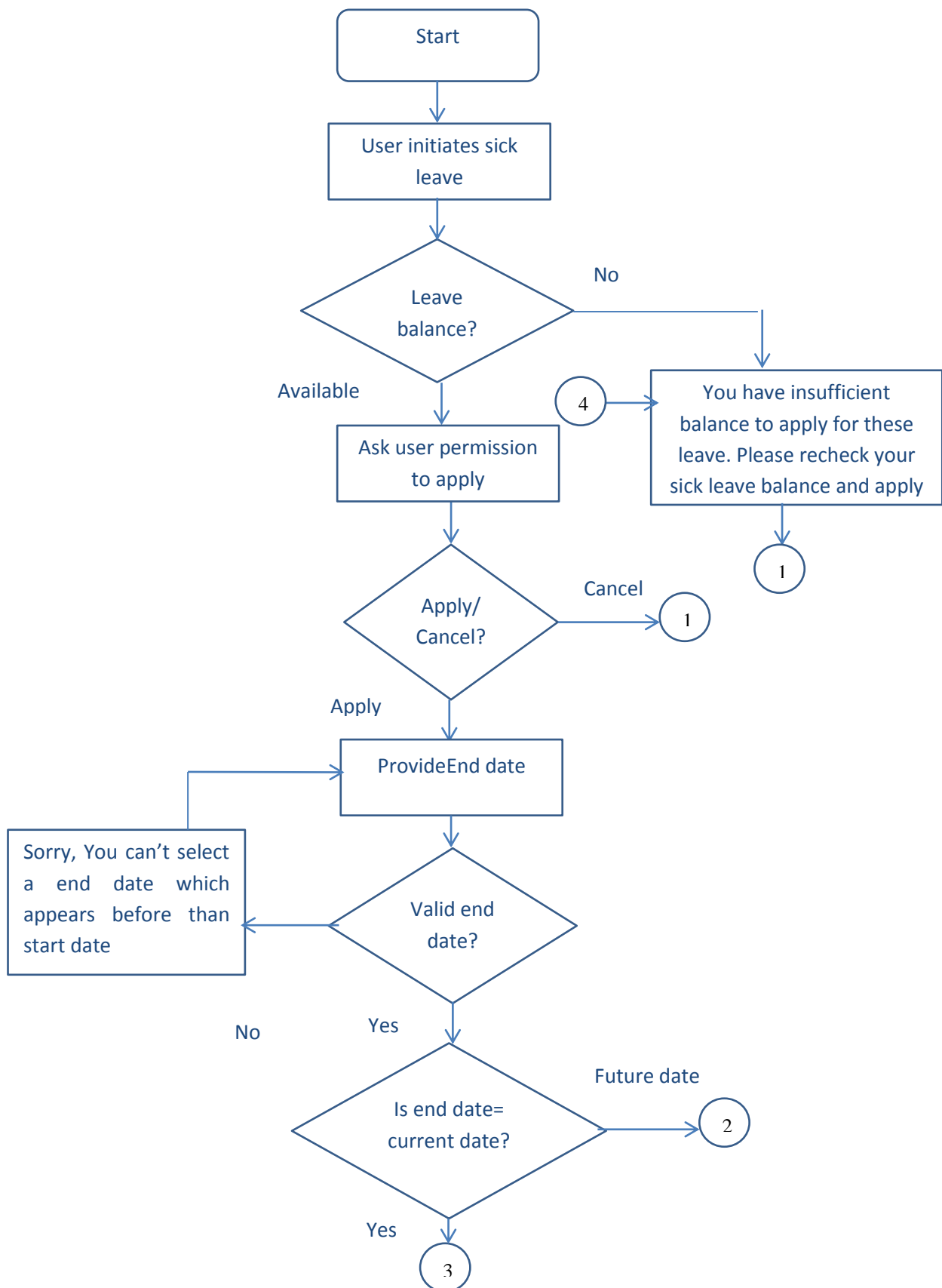
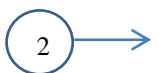
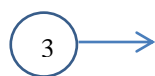
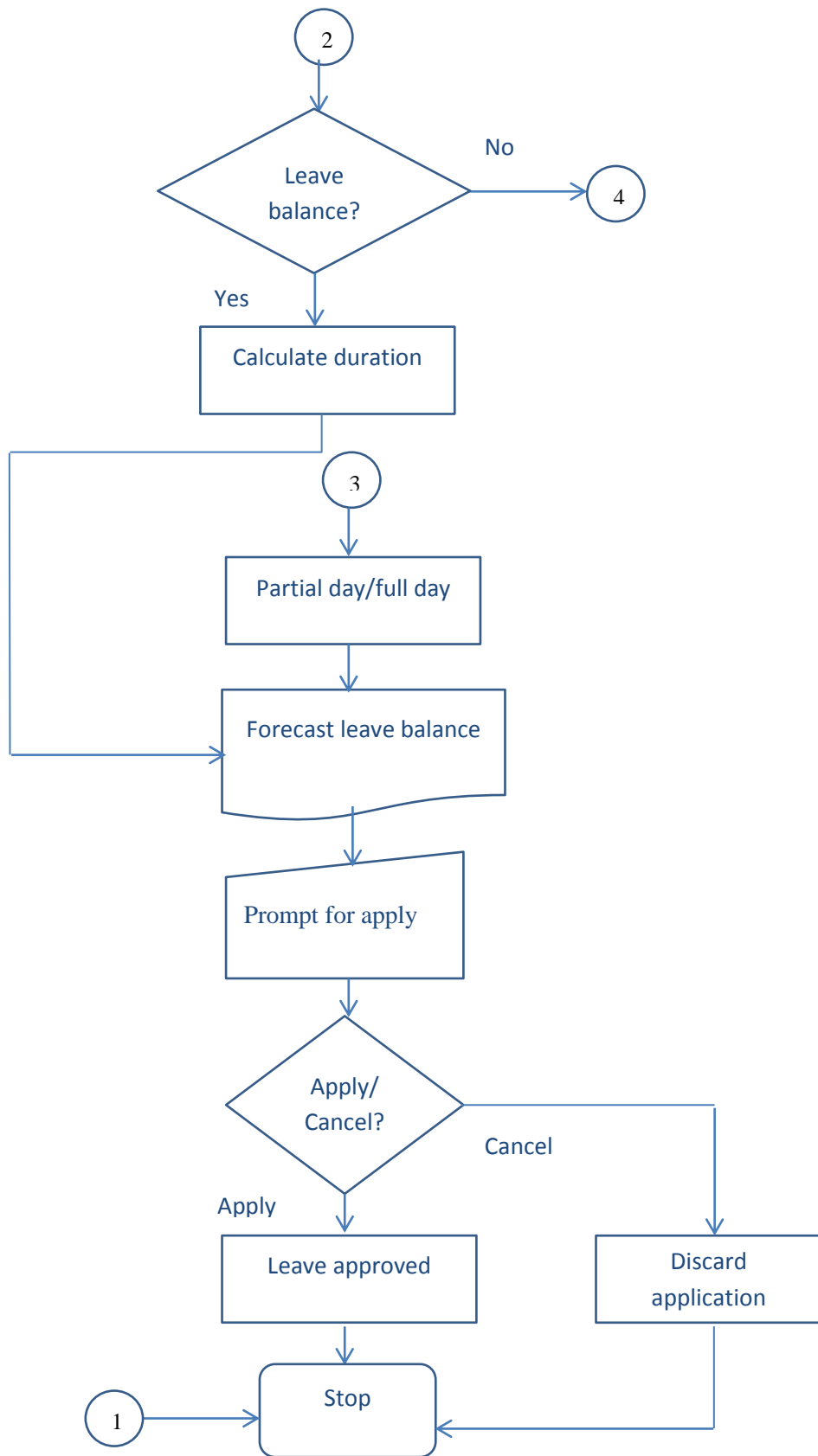


## Flow chart

### Leave Services : User initiated sick Leave





## **Algorithm: Sick leave**

Step 1: Start

Step 2: User initiates sick leave

Go to step 3

Step 3: Check leave balance available or not

If available go to step 4

Else go to step 5

Step 4: Ask user permission to apply leave

Go to step 6

Step 5: Display insufficient balance error as “You have insufficient balance to apply for these leave. Please recheck your sick leave balance and apply”.

Go to step 19

Step 6: Check whether user click on apply or cancel

If user click on apply go to step 7

Else go to step

Step 7: Select the end date of leave

Go to step 9

Step 8: Validate end date

If valid go to step 9

Else go to step 10

Step 9: Check whether end date is current date or not

If it is current date go to step 11

Else go to step 17

Step 10: Display error message as “Sorry, The date entered needs to be today’s date or higher”

Go to step 7

Step 11: Select partial day or full day leave

If user selects partial day go to step 12

Else go to step 12

Step 12: Forecast leave balance

Go to step 13

Step 13: Prompt for Apply or Cancel

Go to step 14

Step 14: Check whether user select Apply or Cancel

If user select Apply go to step 15

Else go to step 16

Step 15: Leave approved

Go to step 19

Step 16: Application discarded

Go to step 19

Step 17: Check leave balance

If leave balance available go to step 18

Else go to step 5

Step 18: Calculate leave duration

Go to step 12

Step 19: Stop