Figure 2.1   Flowchart for traditional triangle program implementation.
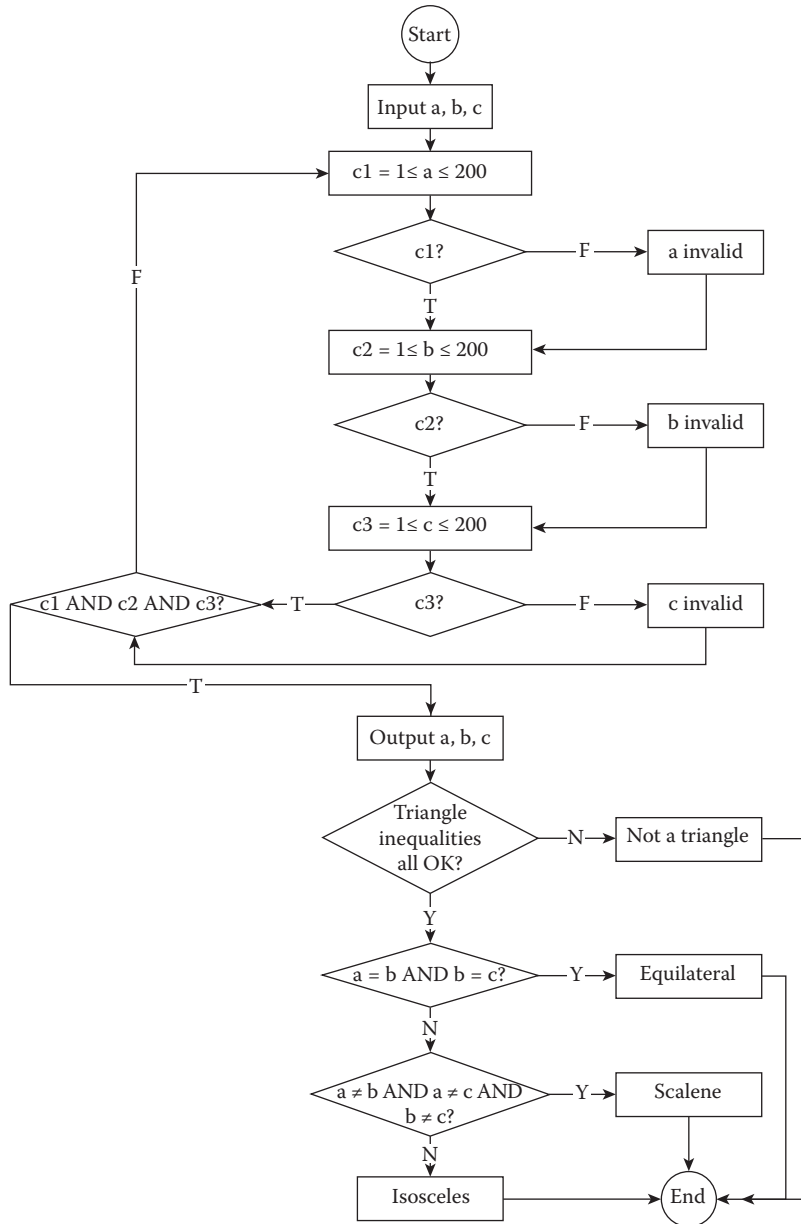
002x001.eps

Figure 2.2   Flowchart for improved triangle program implementation.
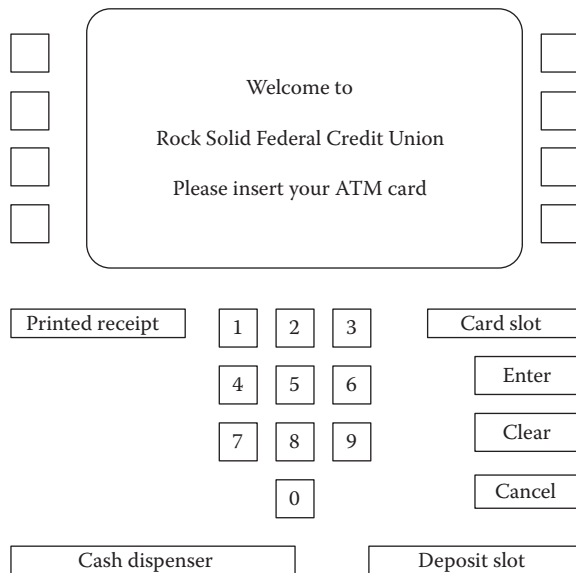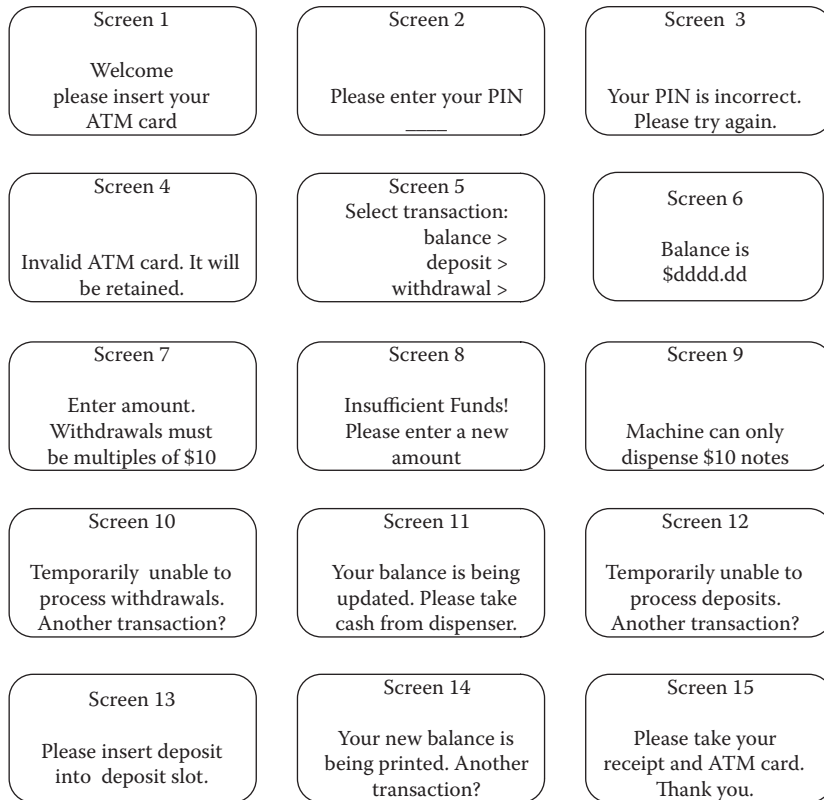
Figure 2.3   SATM terminal.

Screen 1	Screen 2	Screen 3
Welcome please insert your ATM card	Please enter your PIN ___	Your PIN is incorrect. Please try again.

Screen 4	Screen 5 Select transaction: balance > deposit > withdrawal >	Screen 6
Invalid ATM card. It will be retained.		Balance is $dddd.dd

Screen 7	Screen 8	Screen 9
Enter amount. Withdrawals must be multiples of $10	Insufficient Funds! Please enter a new amount	Machine can only dispense $10 notes

Screen 10	Screen 11	Screen 12
Temporarily unable to process withdrawals. Another transaction?	Your balance is being updated. Please take cash from dispenser.	Temporarily unable to process deposits. Another transaction?

Screen 13	Screen 14	Screen 15
Please insert deposit into deposit slot.	Your new balance is being printed. Another transaction?	Please take your receipt and ATM card. Thank you.

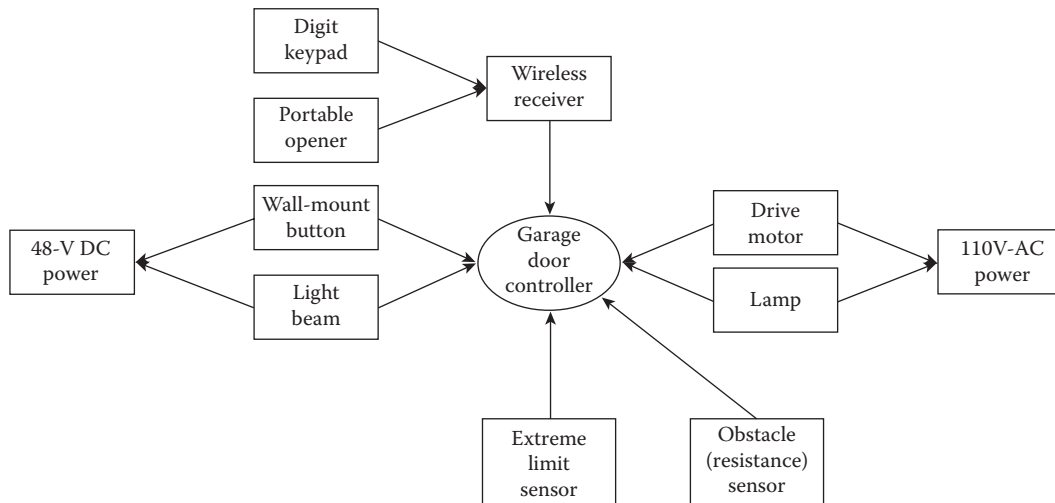Figure 2.4   SATM screens.

Figure 2.5   Currency converter graphical user interface.

Figure 2.6   SysML diagram of garage door controller.