Fine System

START

Connect to database to retrieve reserve book information

If reserve table is empty

If reserved for more than 15 days

Yes

no

no

Calculate Fines

Display fine

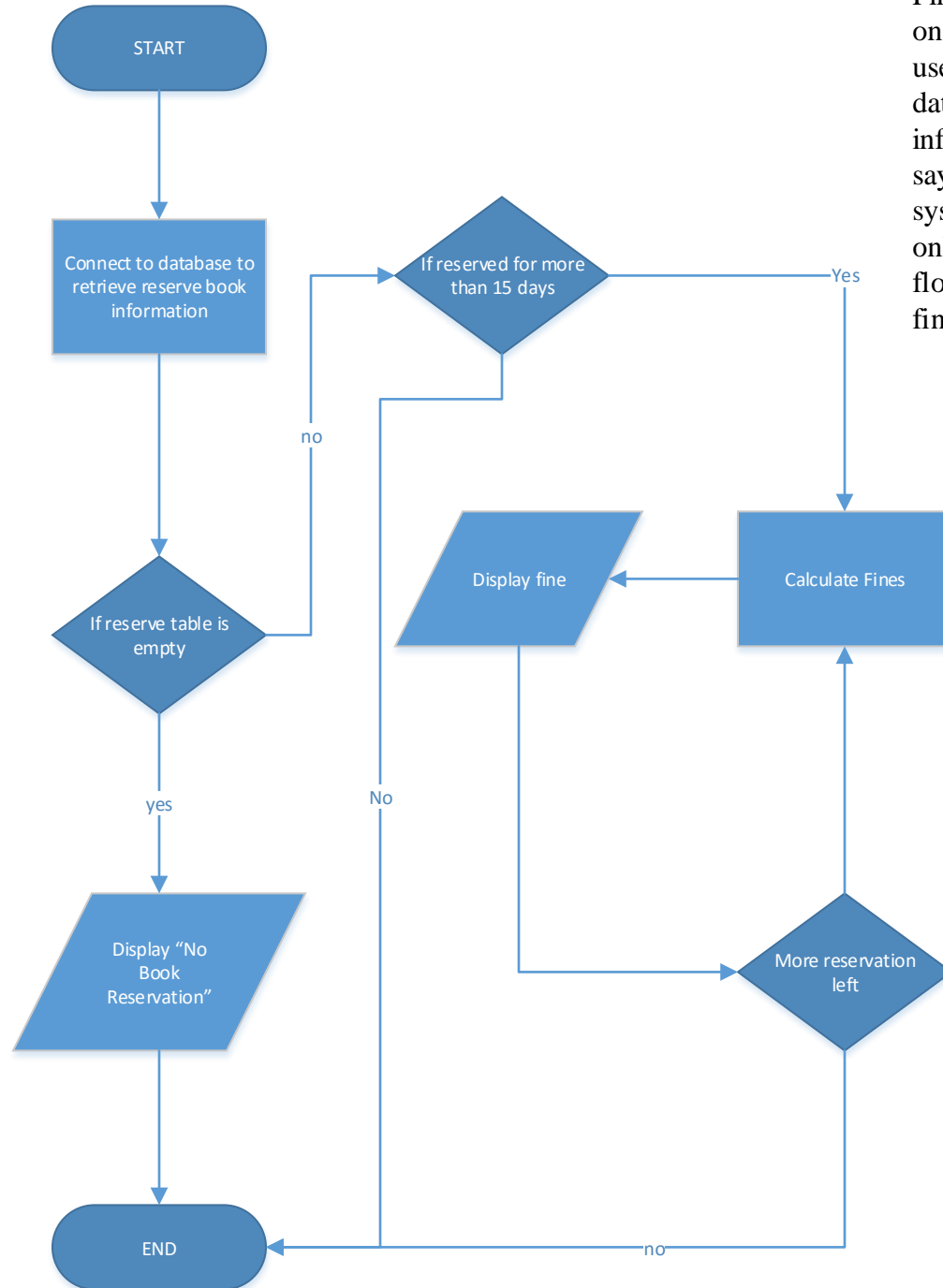More reservation left

No

yes

Display "No Book Reservation"

no

END

Fine System allows admin user to calculate fines automatically based on the time member has borrowed the book. Fine System starts when user choose fine system from Dashboard. System first connects to database to retrieve all reserved book information including borrower's information. If book reserved is empty, system output toast message saying 'No book reservation'. If book reservation table is not empty, system calculates fines for each book reservation. System then displays only records of borrowed books that has exceeded allowed period. This flow repeats until all finable records are displayed. After displaying all finable records and respective fines flow of the system ends.