Initialize *‘b=false’* Get *book\_isbn* from user as *bisbn*=*book\_isbn*

Make connection to Database

Execute ‘select \* from *BOOK* where *book\_isbn* = *bisbn’*

Show message ‘Book already exists’

If data found?

YES

NO

Close connection to Database

Set *b=true*

Set *b=false*

Get rest book details like *bt*= *title*, *an*=*author* , *pn* = *publisher , p=price, sp=stock*

Close connection to Database

L4

Check validations of entered details (like null values, format of details as number and texts, invalid inputs)

L4

*If b=true*

If Validation successful?

NO YES

Show error message ‘invalid entry’

YES

Make Connection to Database

Execute ‘select \* from *AUTHOR* where *author\_name* = *an’*

If data found?

NO

Execute ‘insert into *AUTHOR values (--author details--)’*

YES

Execute ‘insert into *BOOK values (--book details--)’*

Show message dialog *‘Values saved’*

Close Connection to Database