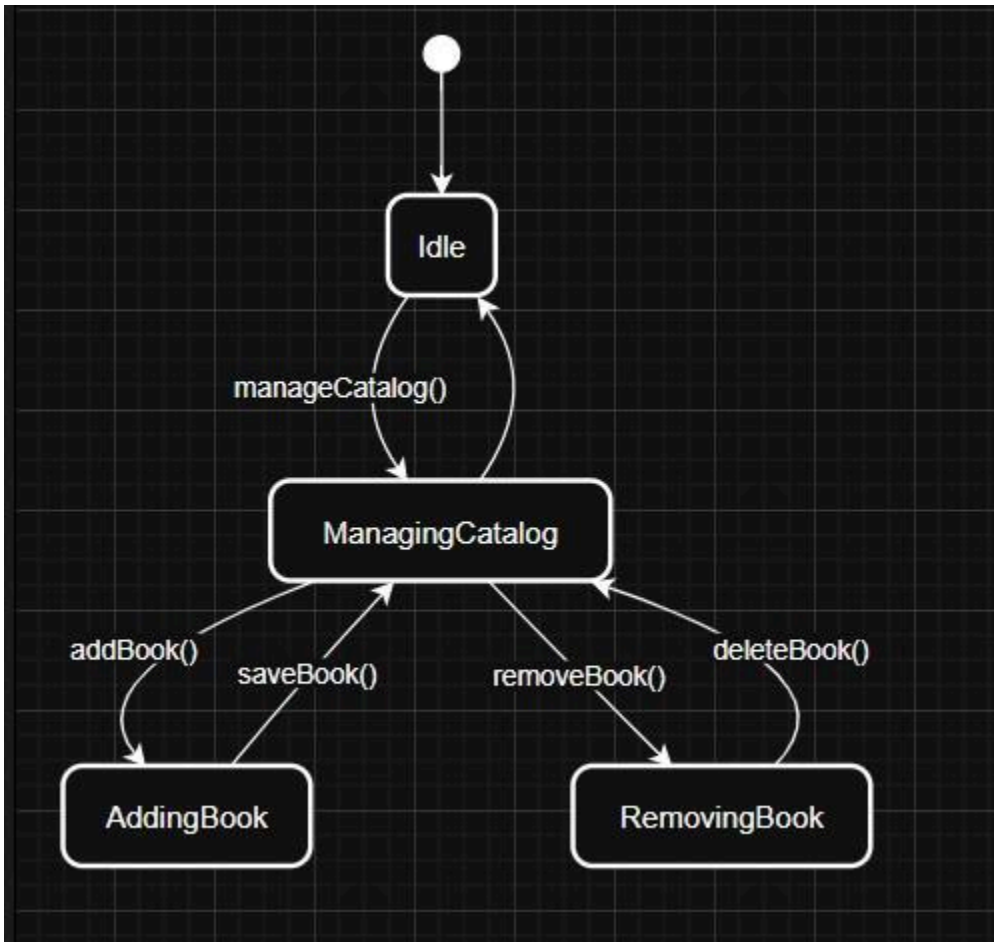
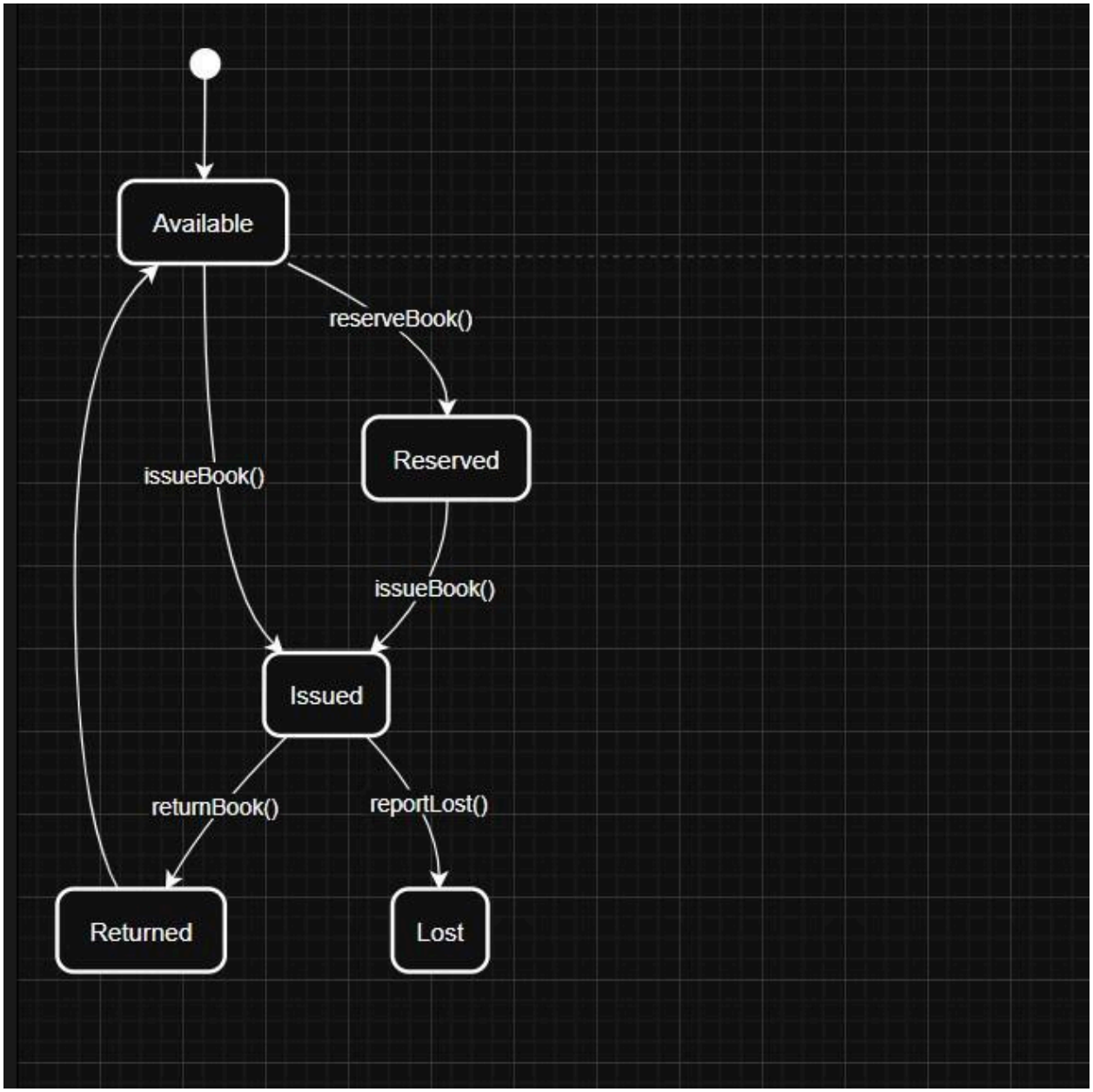
State Chart Diagram

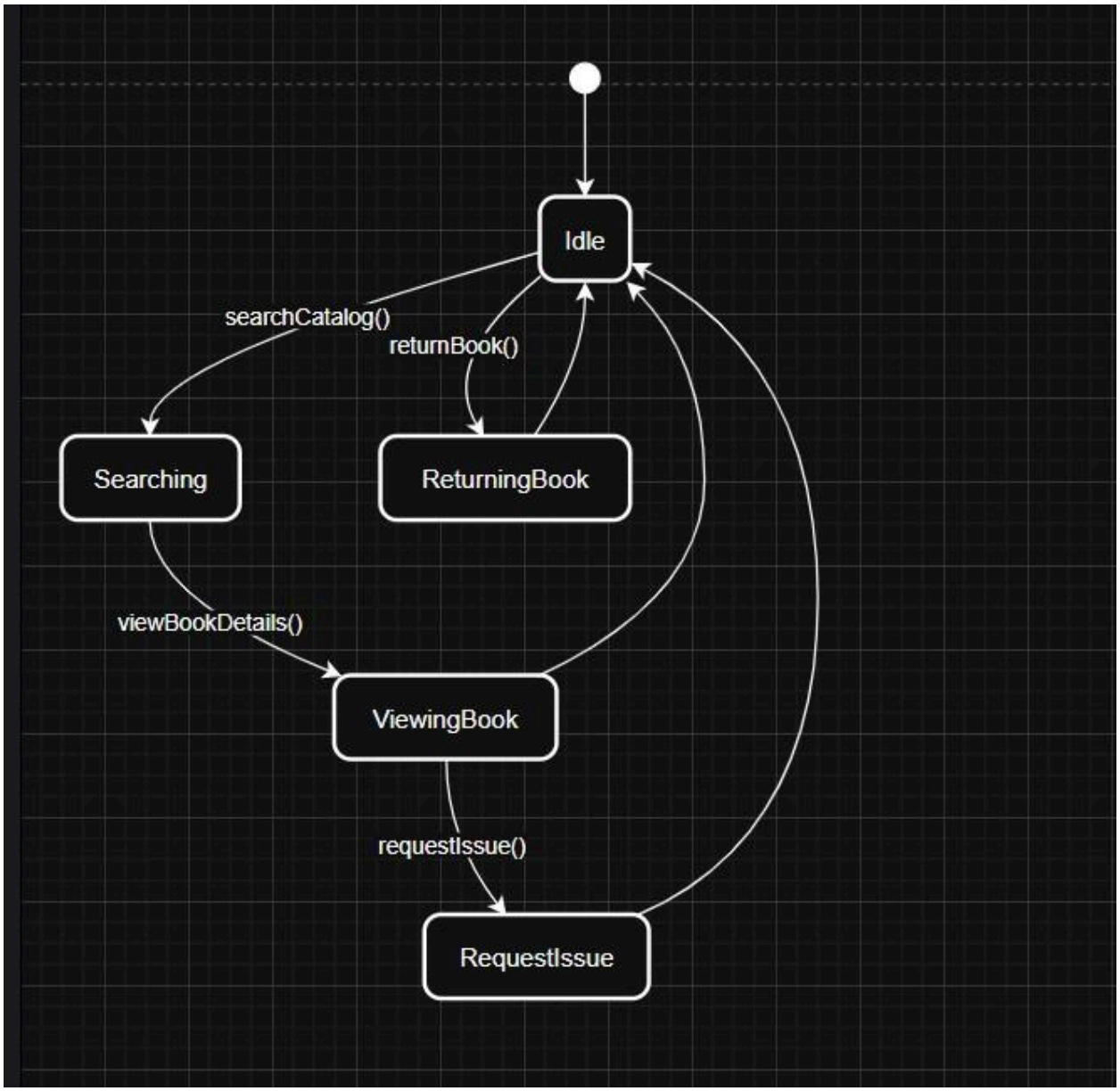
Staff



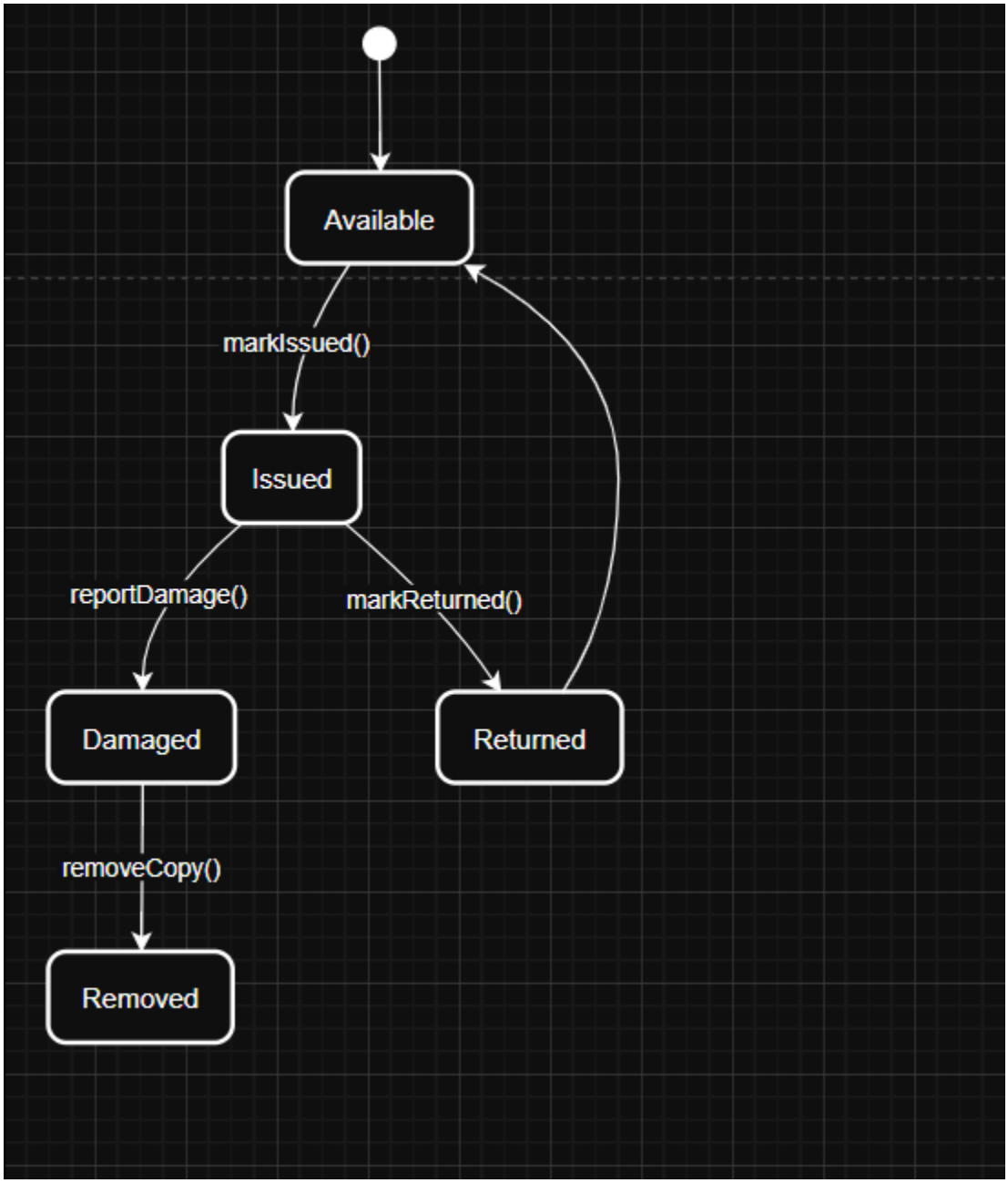
Student


Available
reserveBook()
Reserved
issueBook()
issueBook()
Issued
returnBook()
reportLost()
Returned
Lost

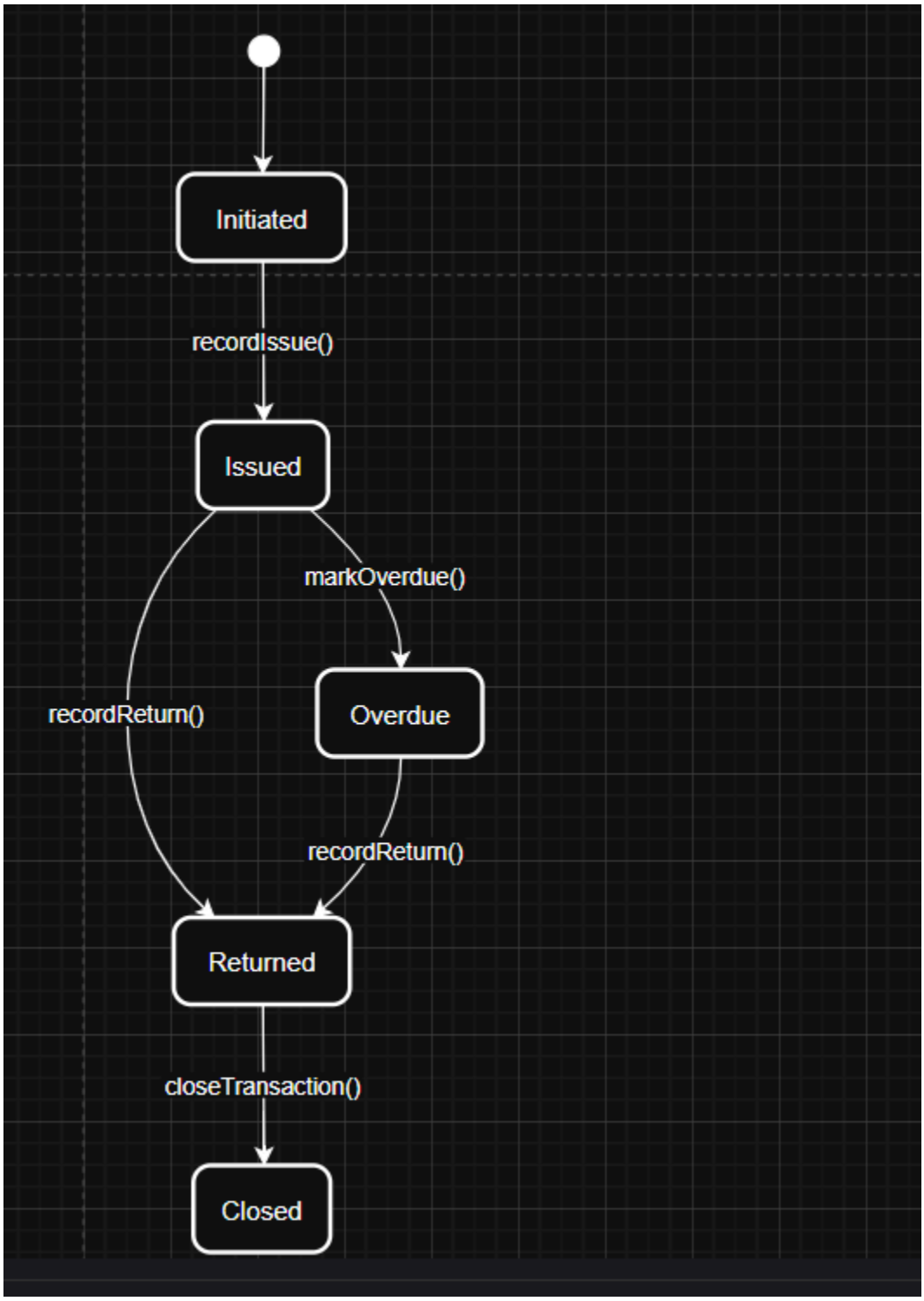
Book


Idle
searchCatalog()
returnBook()
Searching
ReturningBook
viewBookDetails()
ViewingBook
requestIssue()
RequestIssue

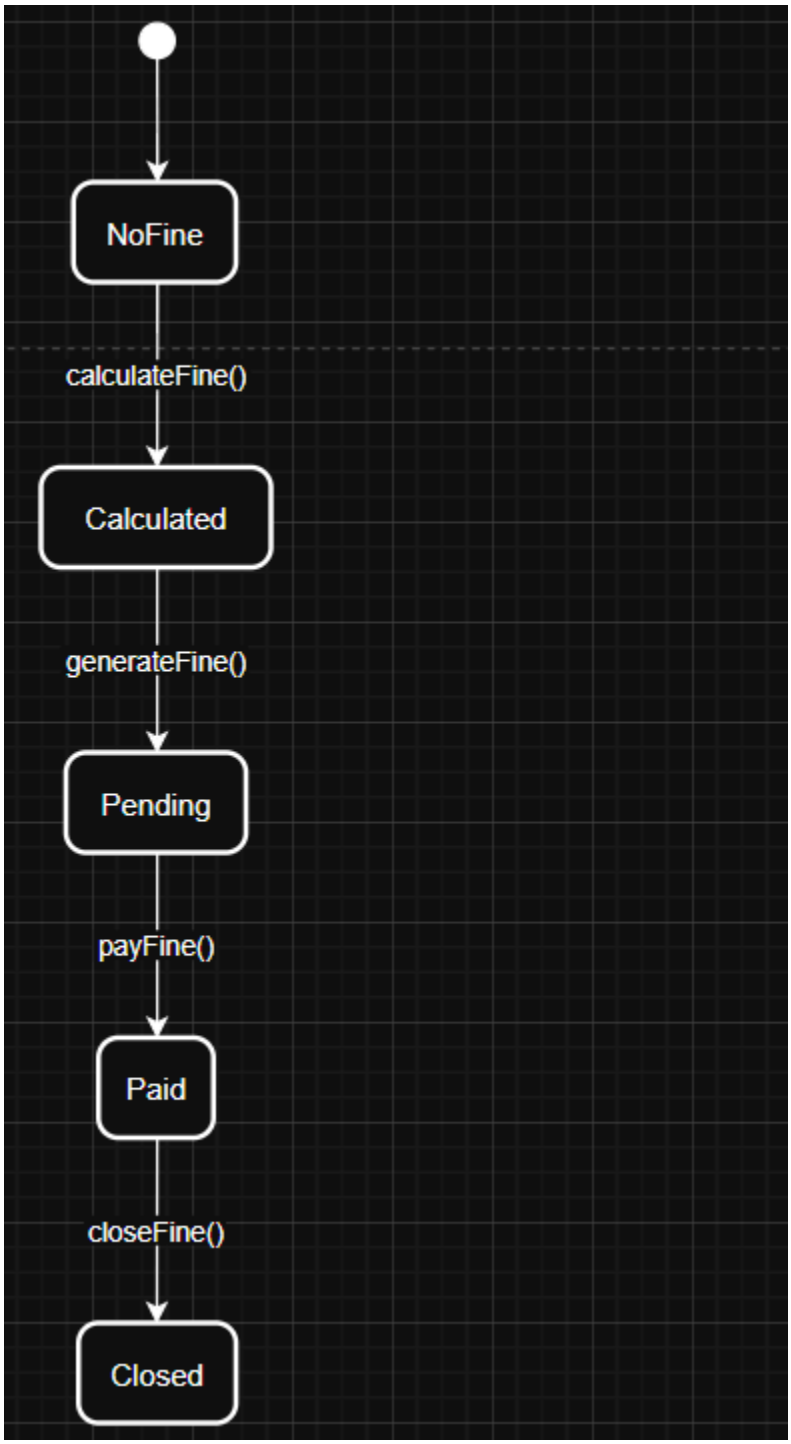
Copy


Available
markIssued()
Issued
reportDamage()
markReturned()
Damaged
Returned
removeCopy()
Removed

Transaction



Fine


NoFine
calculateFine()
Calculated
generateFine()
Pending
payFine()
Paid
closeFine()
Closed