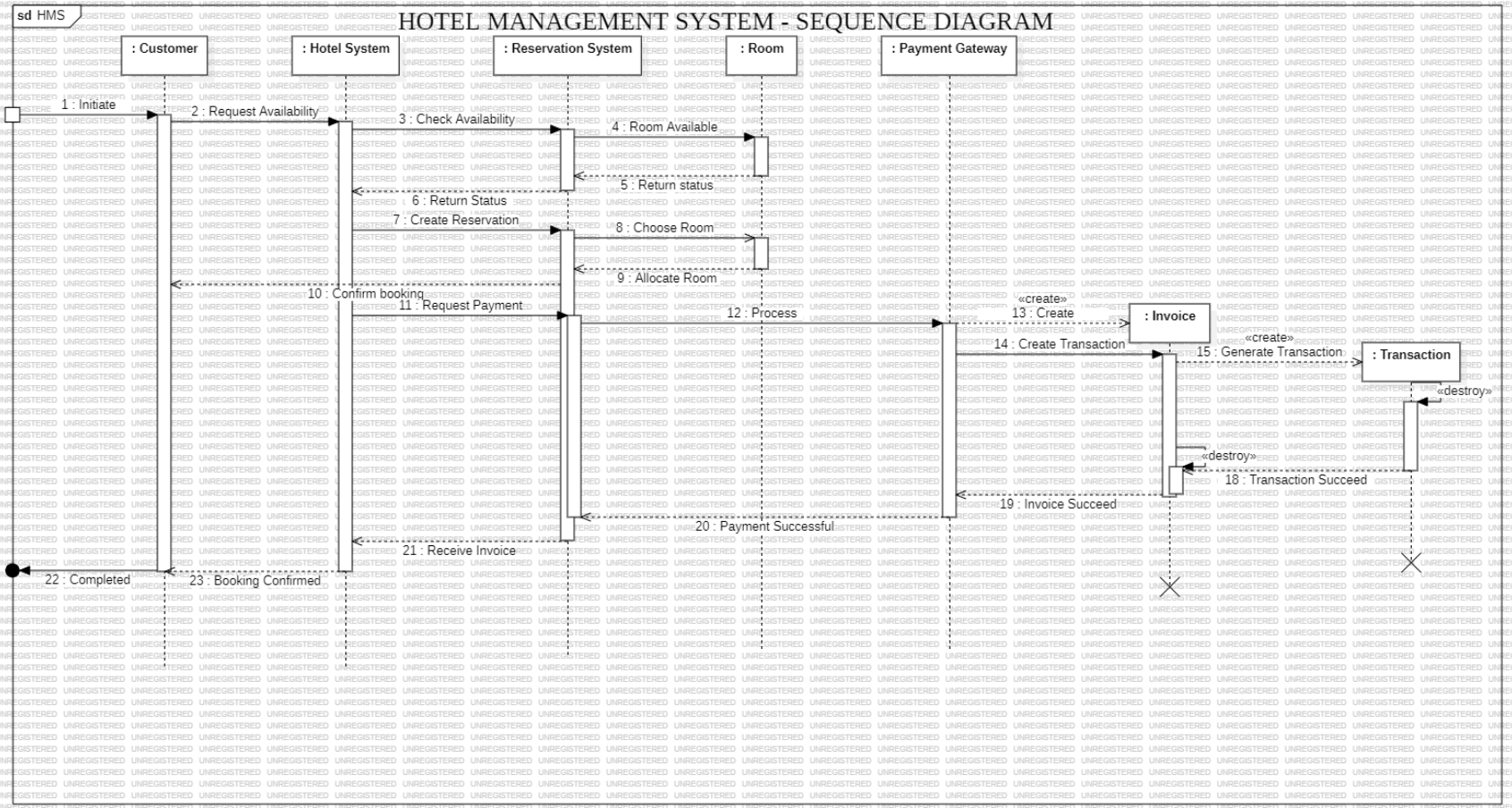
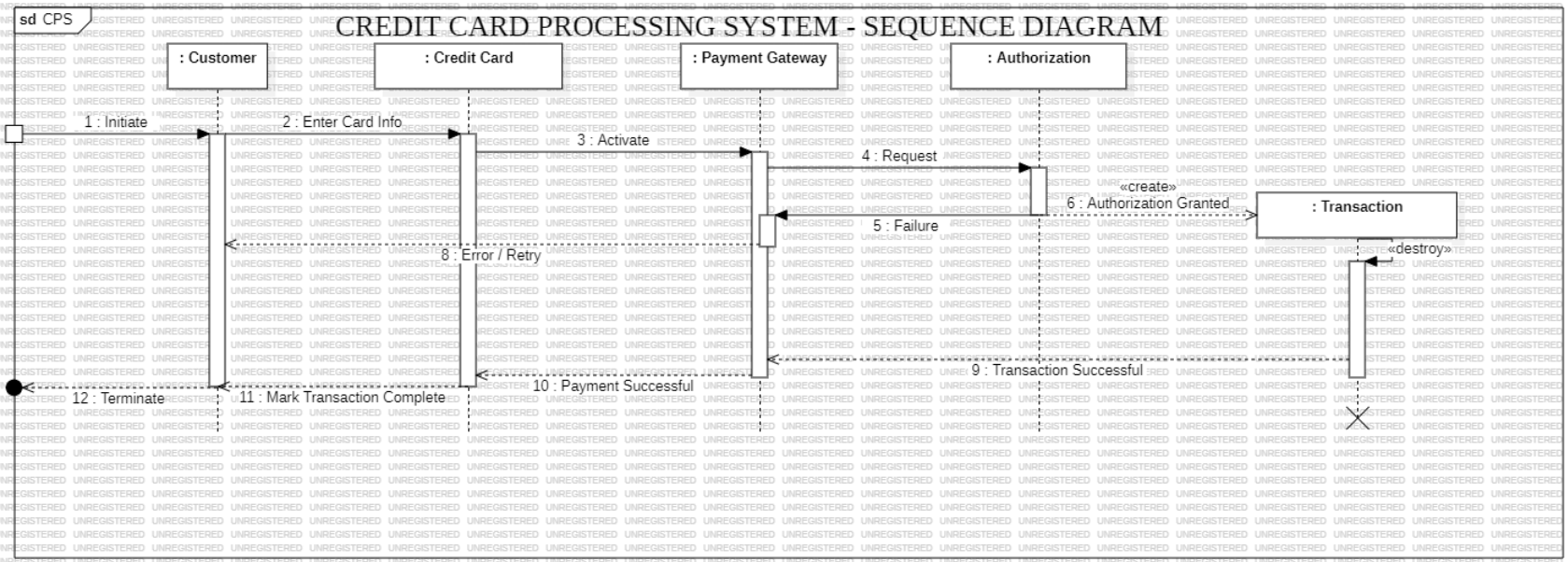
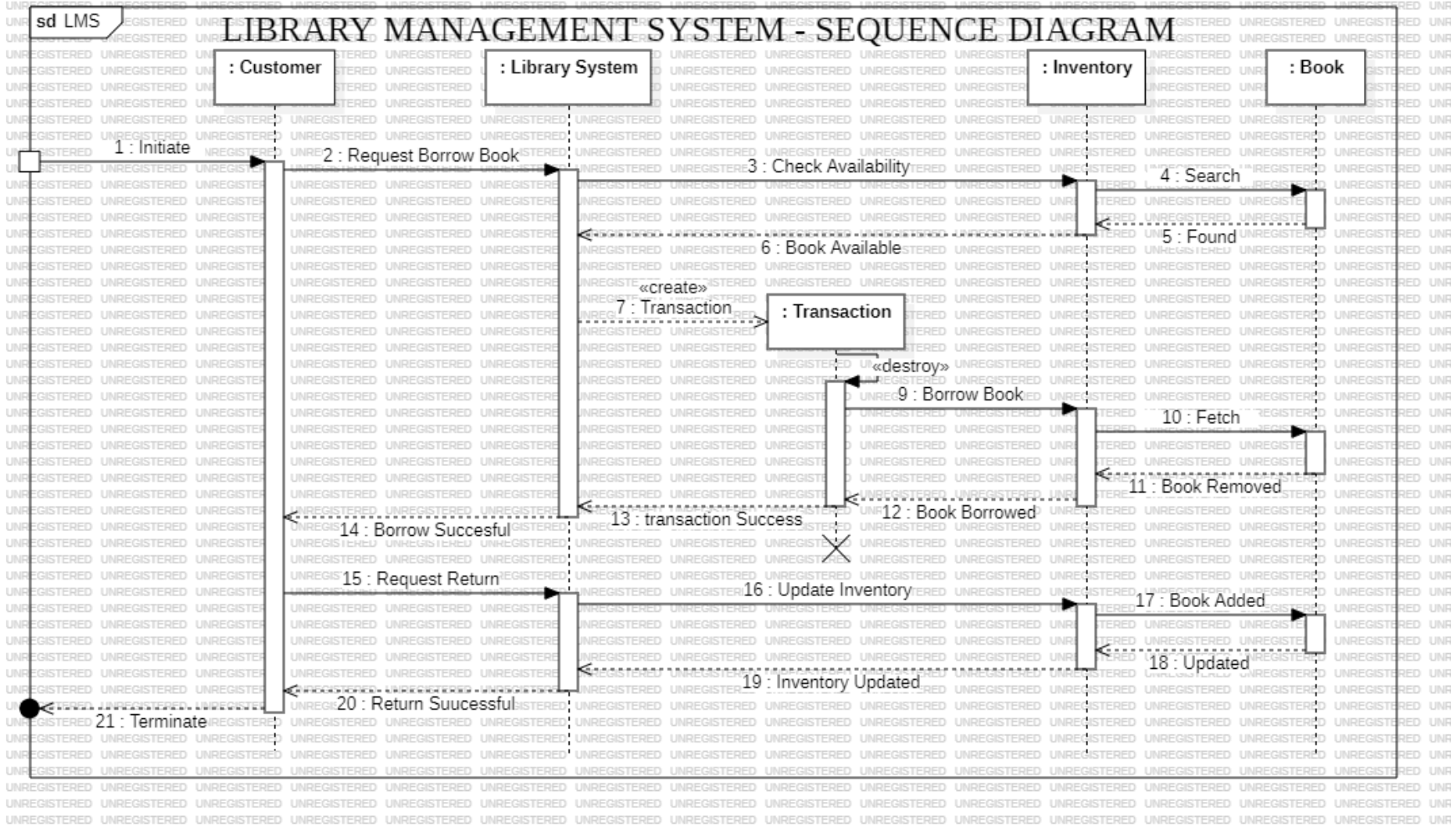
HOTEL MANAGEMENT SYSTEM - SEQUENCE DIAGRAM

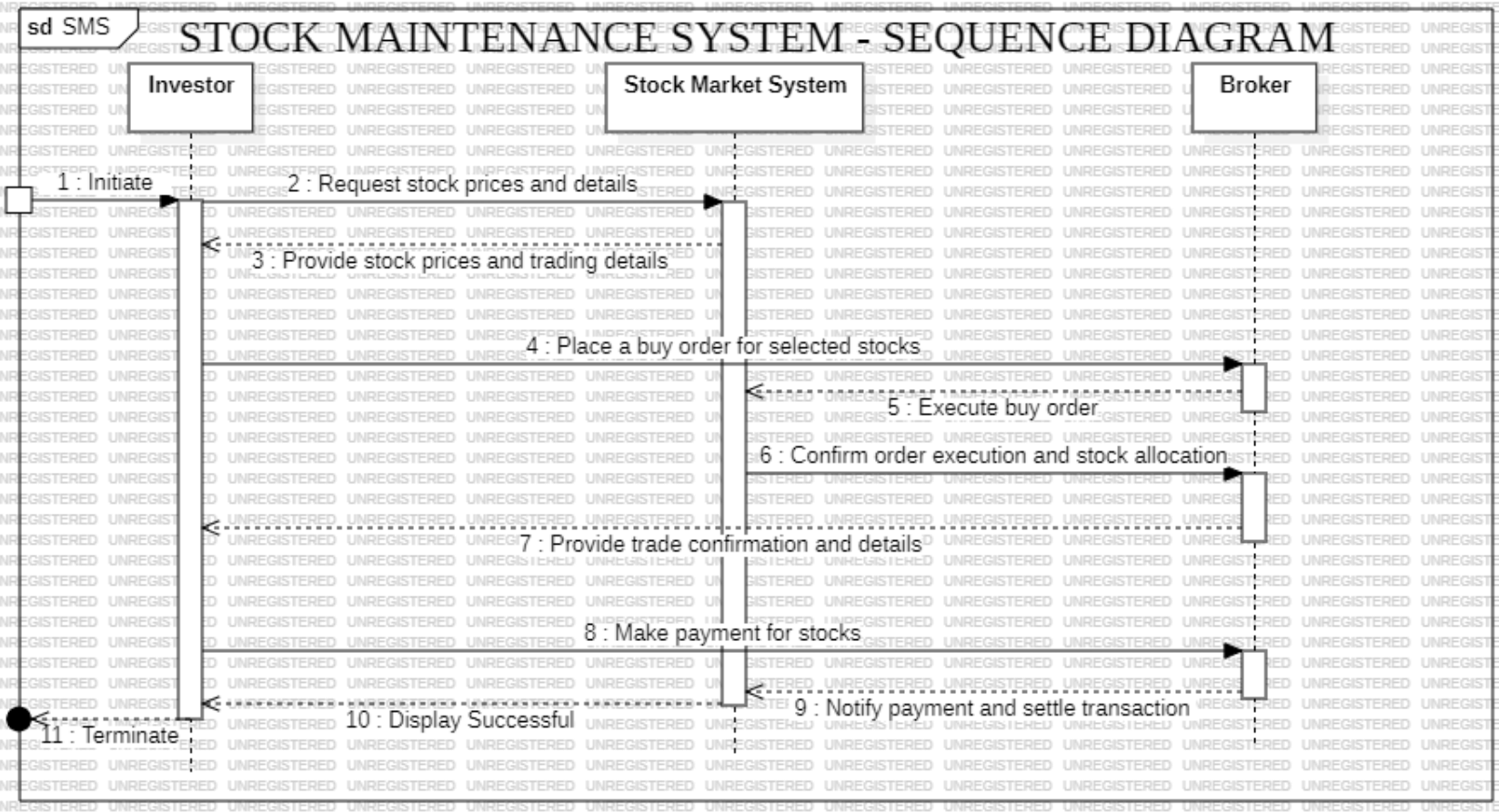


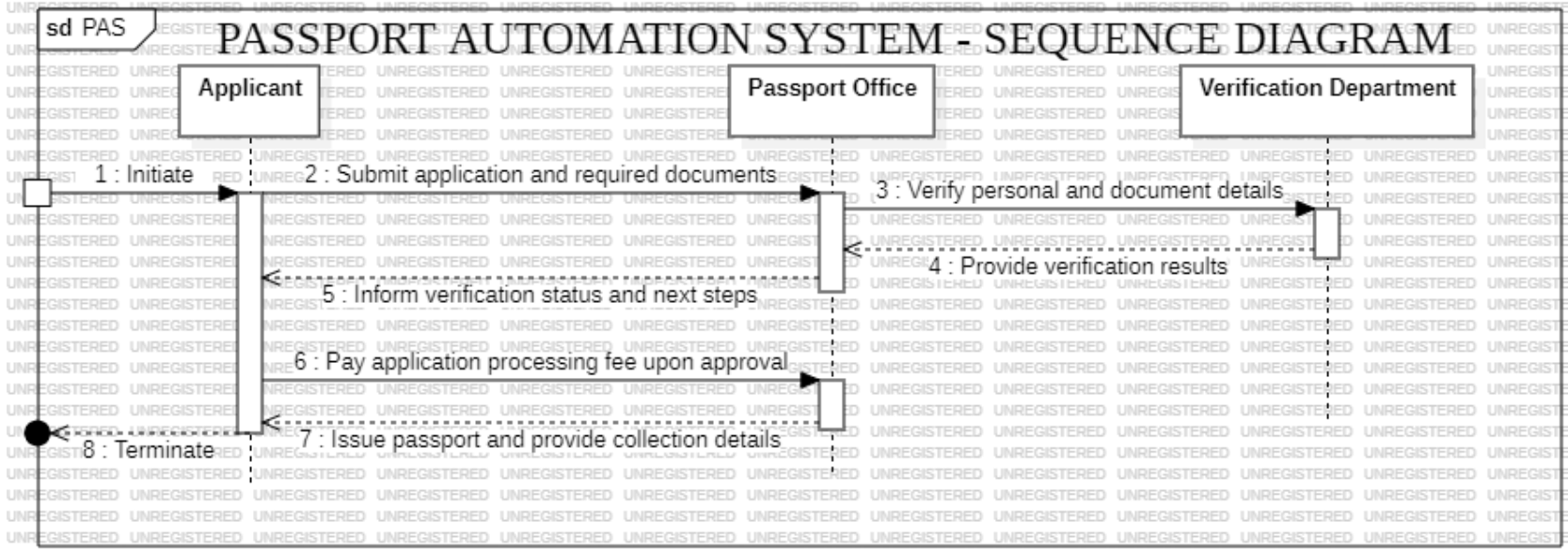
UNREGISTERED

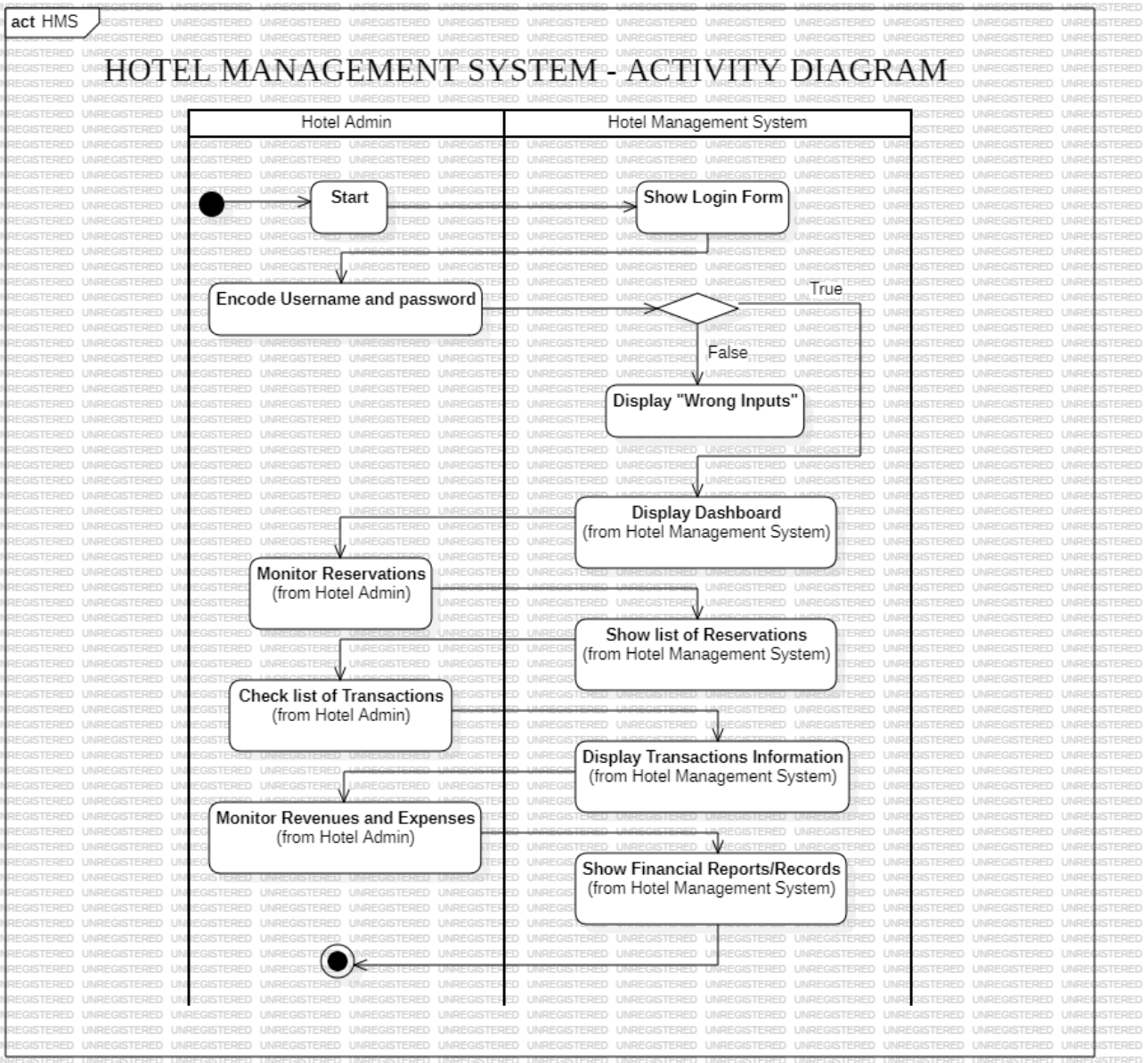
CREDIT CARD PROCESSING SYSTEM - SEQUENCE DIAGRAM

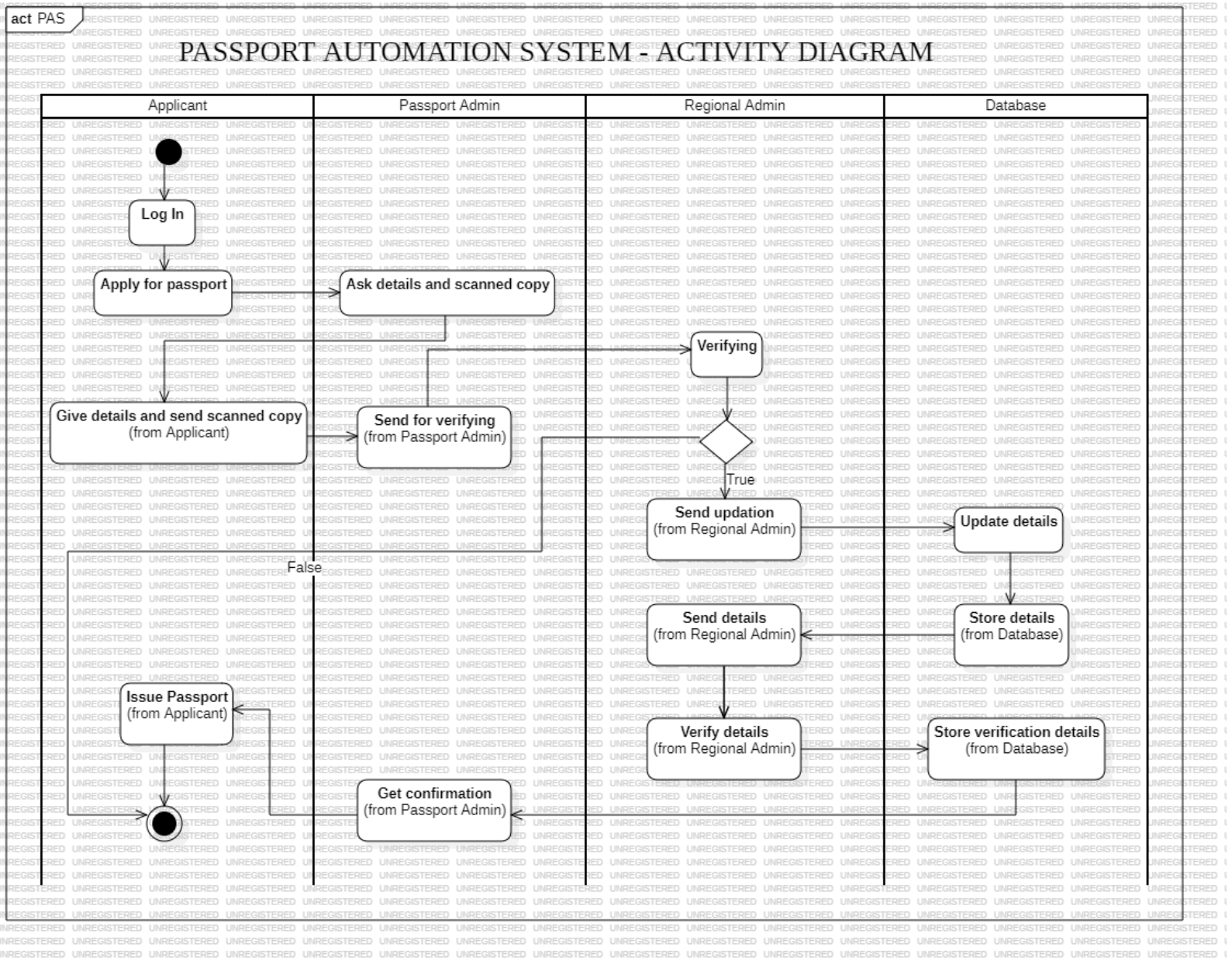


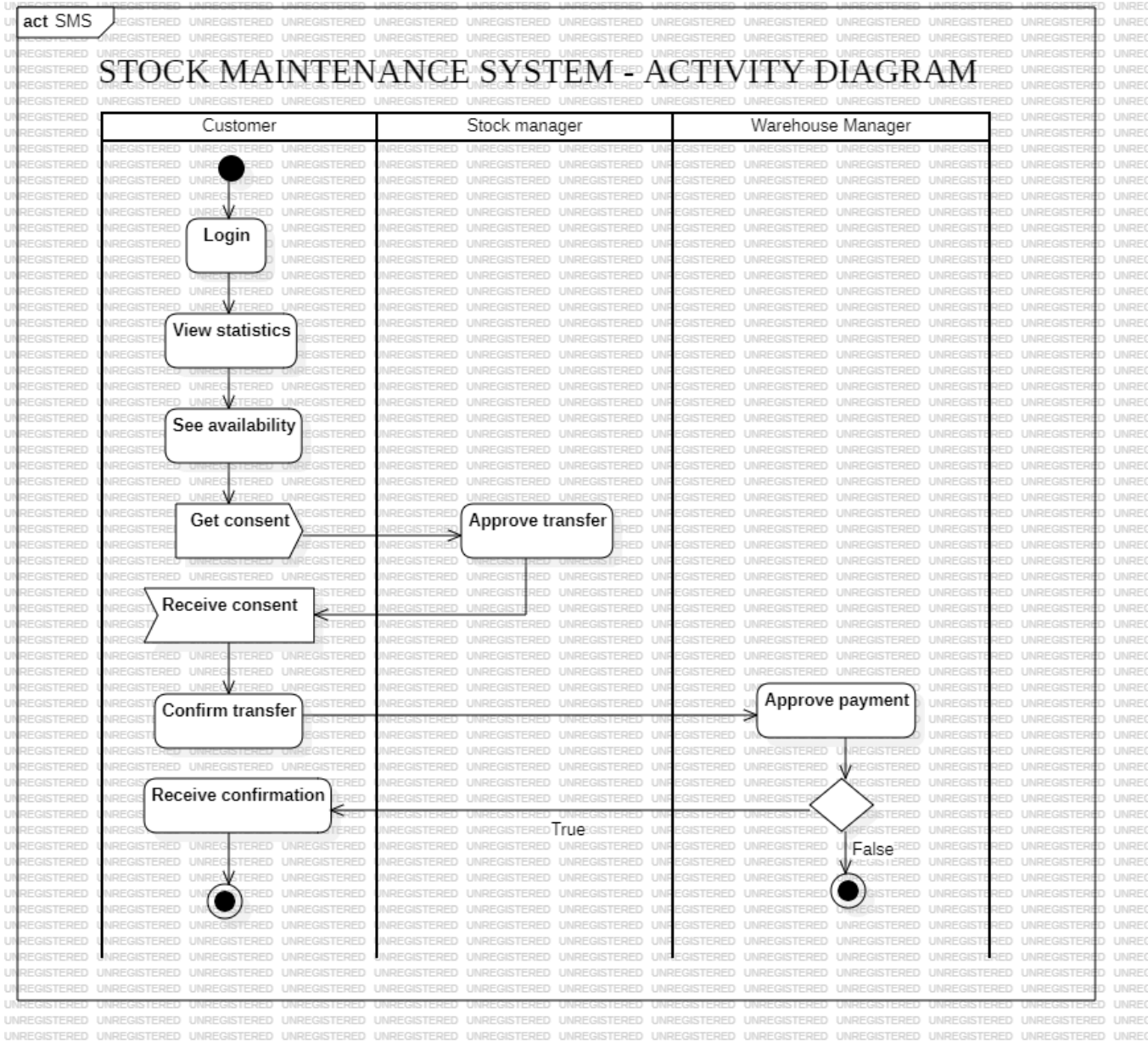

sd LMS
LIBRARY MANAGEMENT SYSTEM - SEQUENCE DIAGRAM
: Customer
: Library System
: Inventory
: Book
: Transaction
1 : Initiate
2 : Request Borrow Book
3 : Check Availability
4 : Search
5 : Found
6 : Book Available
«create»
7 : Transaction
«destroy»
9 : Borrow Book
10 : Fetch
11 : Book Removed
12 : Book Borrowed
13 : transaction Success
14 : Borrow Succesful
15 : Request Return
16 : Update Inventory
17 : Book Added
18 : Updated
19 : Inventory Updated
20 : Return Suucessful
21 : Terminate

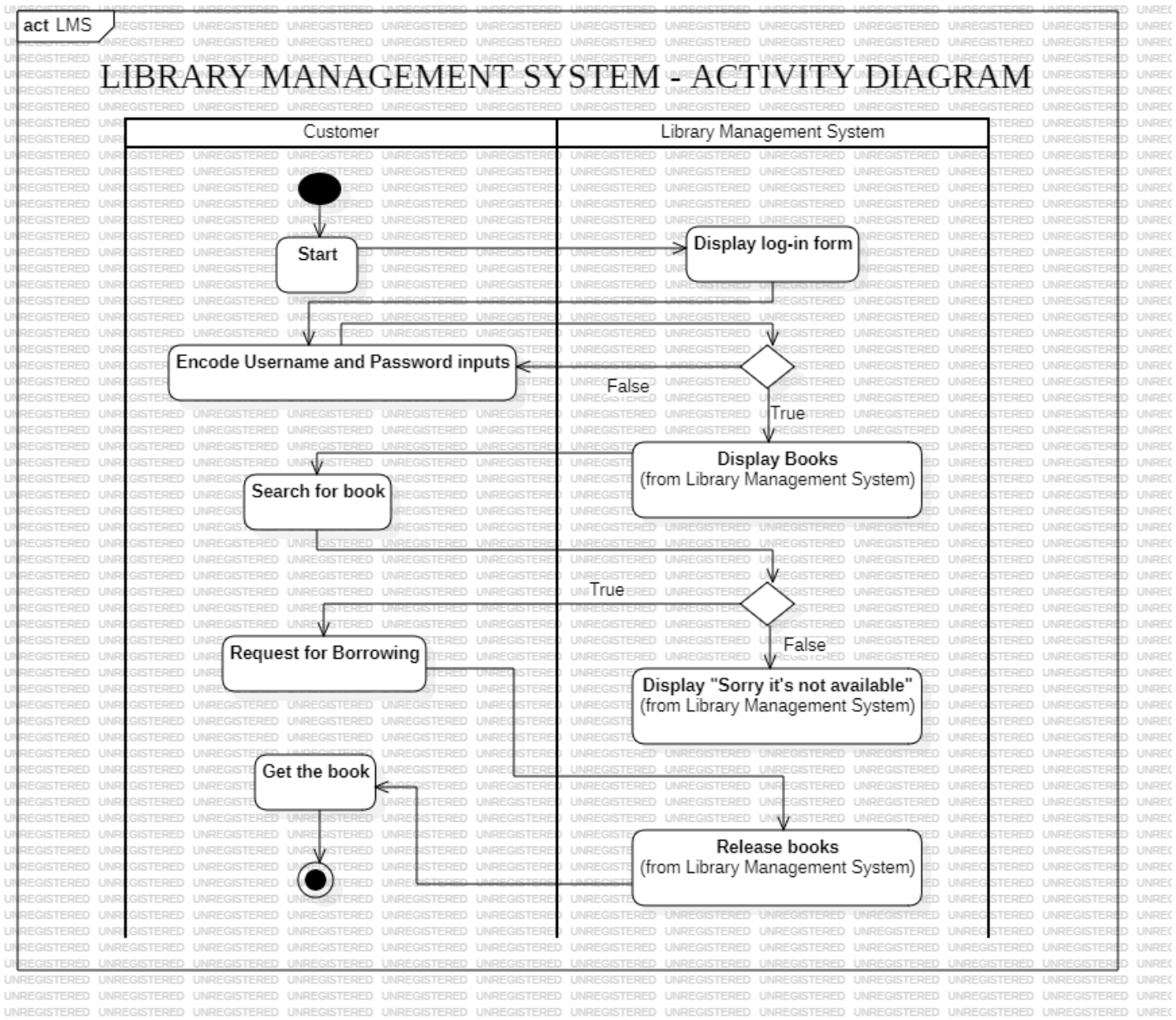
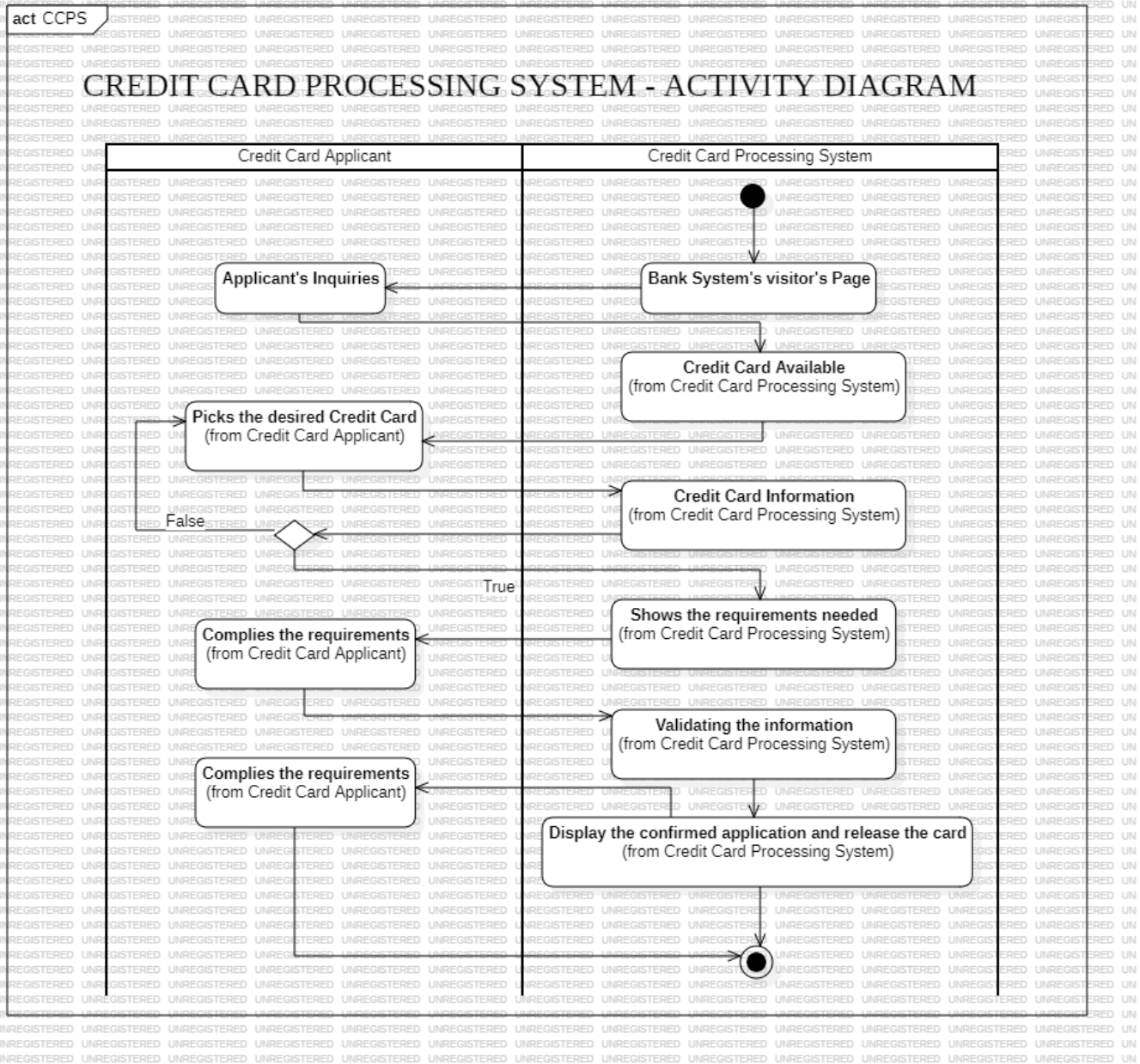

sd SMS
STOCK MAINTENANCE SYSTEM - SEQUENCE DIAGRAM
Investor
Stock Market System
Broker
1 : Initiate
2 : Request stock prices and details
3 : Provide stock prices and trading details
4 : Place a buy order for selected stocks
5 : Execute buy order
6 : Confirm order execution and stock allocation
7 : Provide trade confirmation and details
8 : Make payment for stocks
9 : Notify payment and settle transaction
10 : Display Successful
11 : Terminate


sd PAS
PASSPORT AUTOMATION SYSTEM - SEQUENCE DIAGRAM
Applicant
Passport Office
Verification Department
1 : Initiate
2 : Submit application and required documents
3 : Verify personal and document details
4 : Provide verification results
5 : Inform verification status and next steps
6 : Pay application processing fee upon approval
7 : Issue passport and provide collection details
8 : Terminate


act HMS
HOTEL MANAGEMENT SYSTEM - ACTIVITY DIAGRAM
Hotel Admin
Hotel Management System
Start
Show Login Form
Encode Username and password
True
False
Display "Wrong Inputs"
Display Dashboard
(from Hotel Management System)
Monitor Reservations
(from Hotel Admin)
Show list of Reservations
(from Hotel Management System)
Check list of Transactions
(from Hotel Admin)
Display Transactions Information
(from Hotel Management System)
Monitor Revenues and Expenses
(from Hotel Admin)
Show Financial Reports/Records
(from Hotel Management System)


act PAS
PASSPORT AUTOMATION SYSTEM - ACTIVITY DIAGRAM
Applicant
Passport Admin
Regional Admin
Database
Log In
Apply for passport
Ask details and scanned copy
Verifying
Give details and send scanned copy
(from Applicant)
Send for verifying
(from Passport Admin)
True
Send updation
(from Regional Admin)
Update details
False
Send details
(from Regional Admin)
Store details
(from Database)
Issue Passport
(from Applicant)
Verify details
(from Regional Admin)
Store verification details
(from Database)
Get confirmation
(from Passport Admin)


act SMS
STOCK MAINTENANCE SYSTEM - ACTIVITY DIAGRAM
Customer
Stock manager
Warehouse Manager
Login
View statistics
See availability
Get consent
Approve transfer
Receive consent
Confirm transfer
Approve payment
Receive confirmation
True
False


act LMS
LIBRARY MANAGEMENT SYSTEM - ACTIVITY DIAGRAM
Customer
Library Management System
Start
Display log-in form
Encode Username and Password inputs
False
True
Display Books
(from Library Management System)
Search for book
True
Request for Borrowing
False
Display "Sorry it's not available"
(from Library Management System)
Get the book
Release books
(from Library Management System)

UNREGISTERED