



# MPP Project Feb 2019

## Library Management System

### GROUP 6

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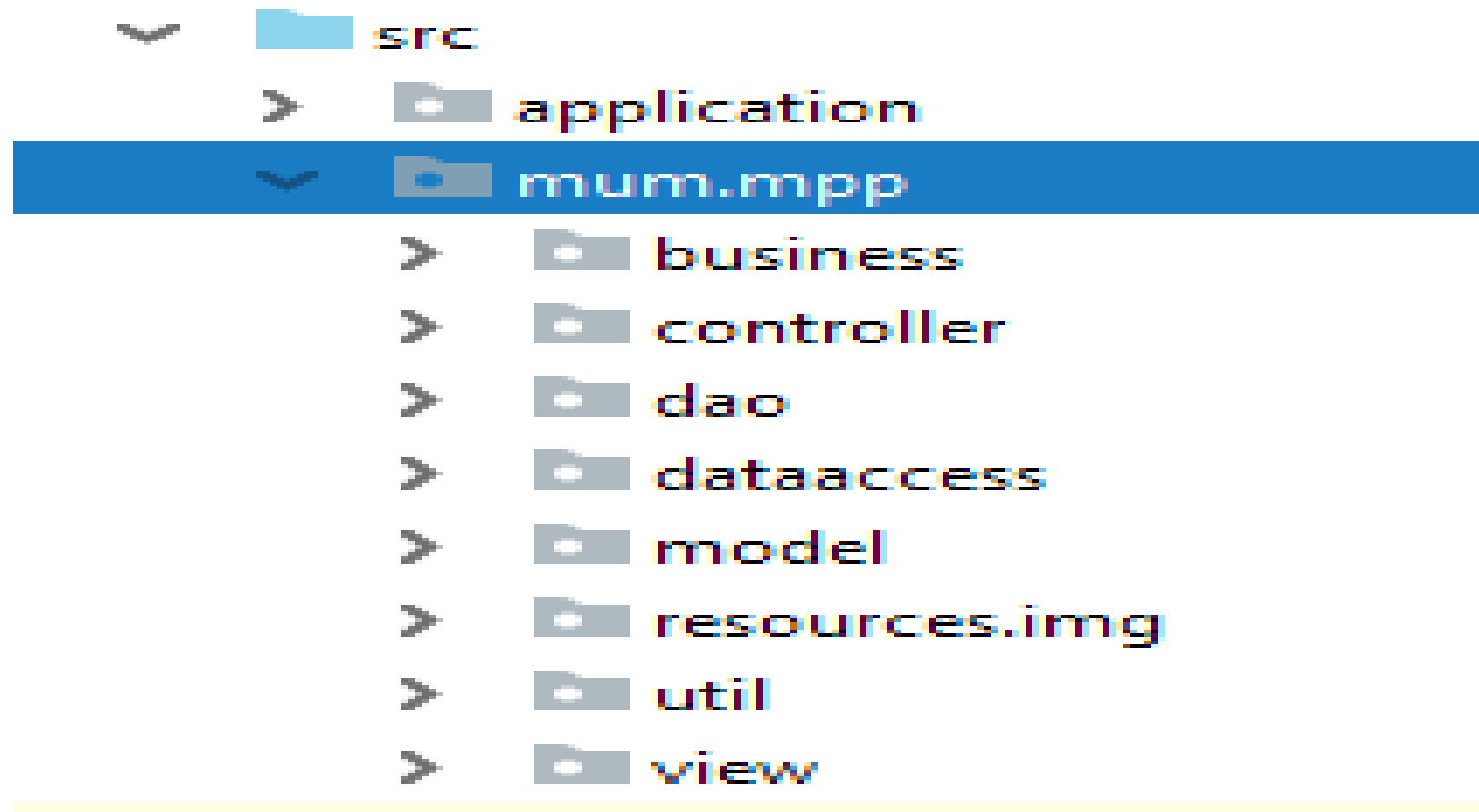
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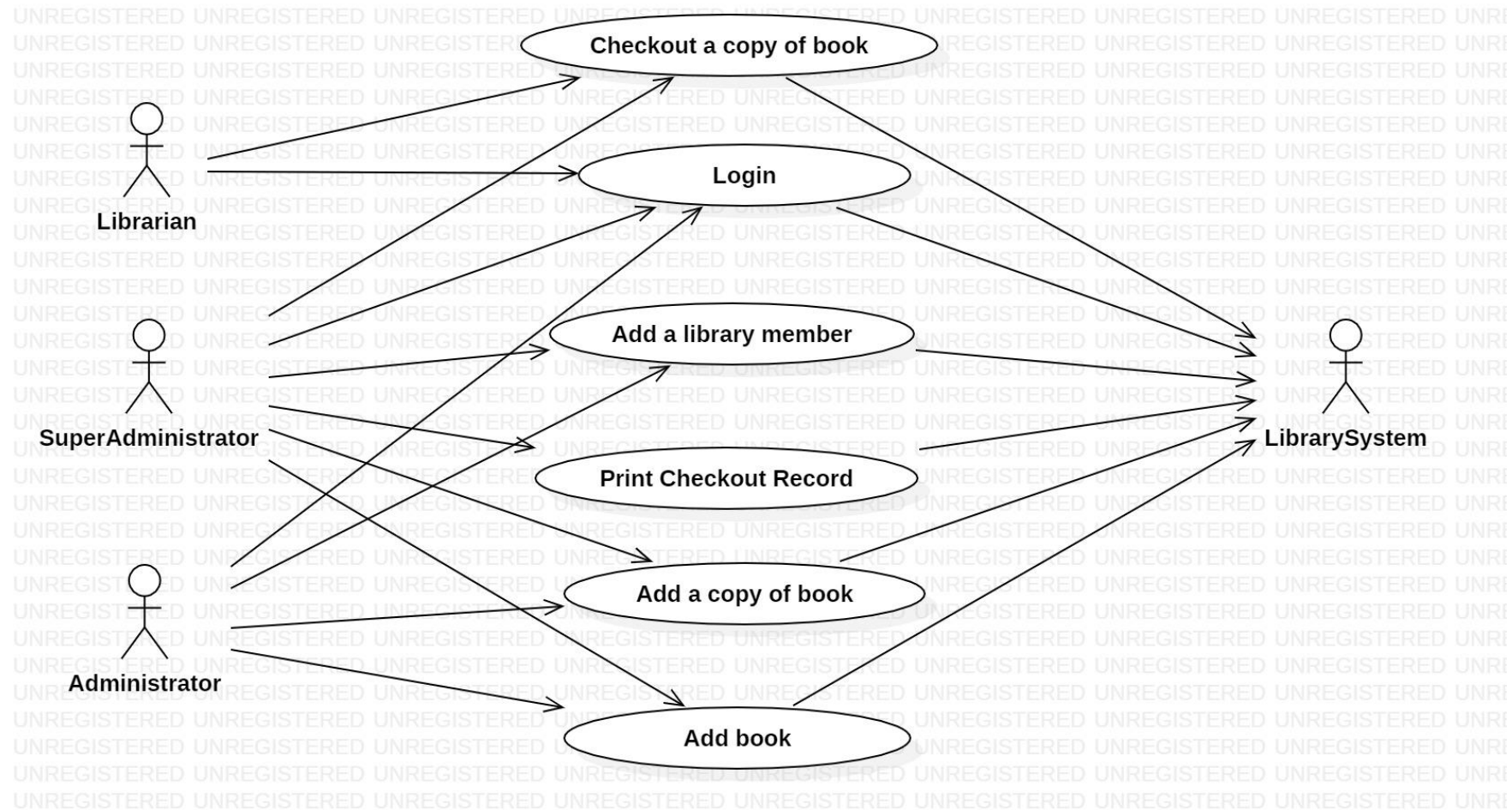
# Project hierarchy

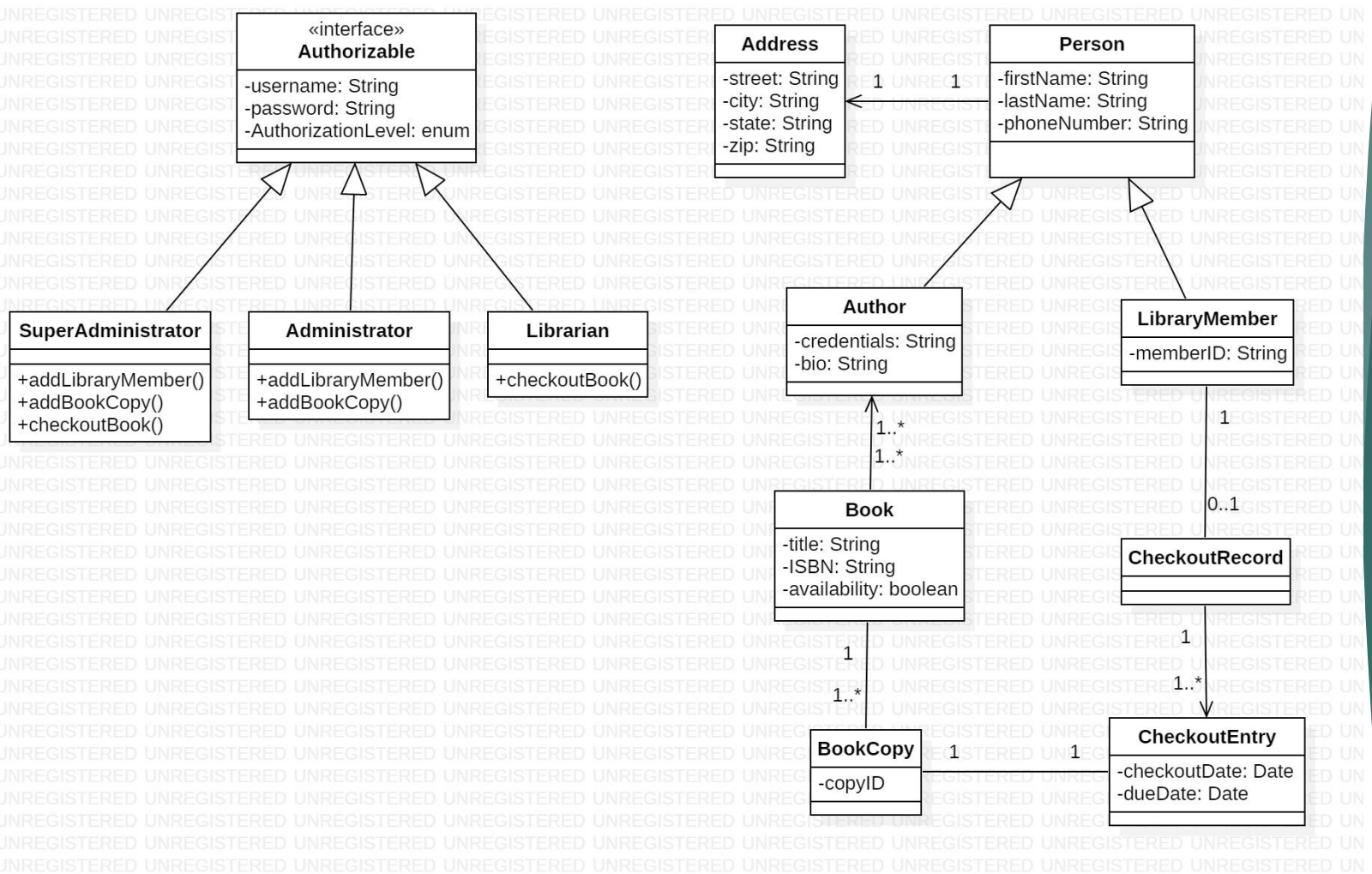
1. JFoenix APIs
2. Java FX
3. Java Serialization API
4. Java Standard Edition v 8

# Project hierarchy (Cont)



# Use Case Model

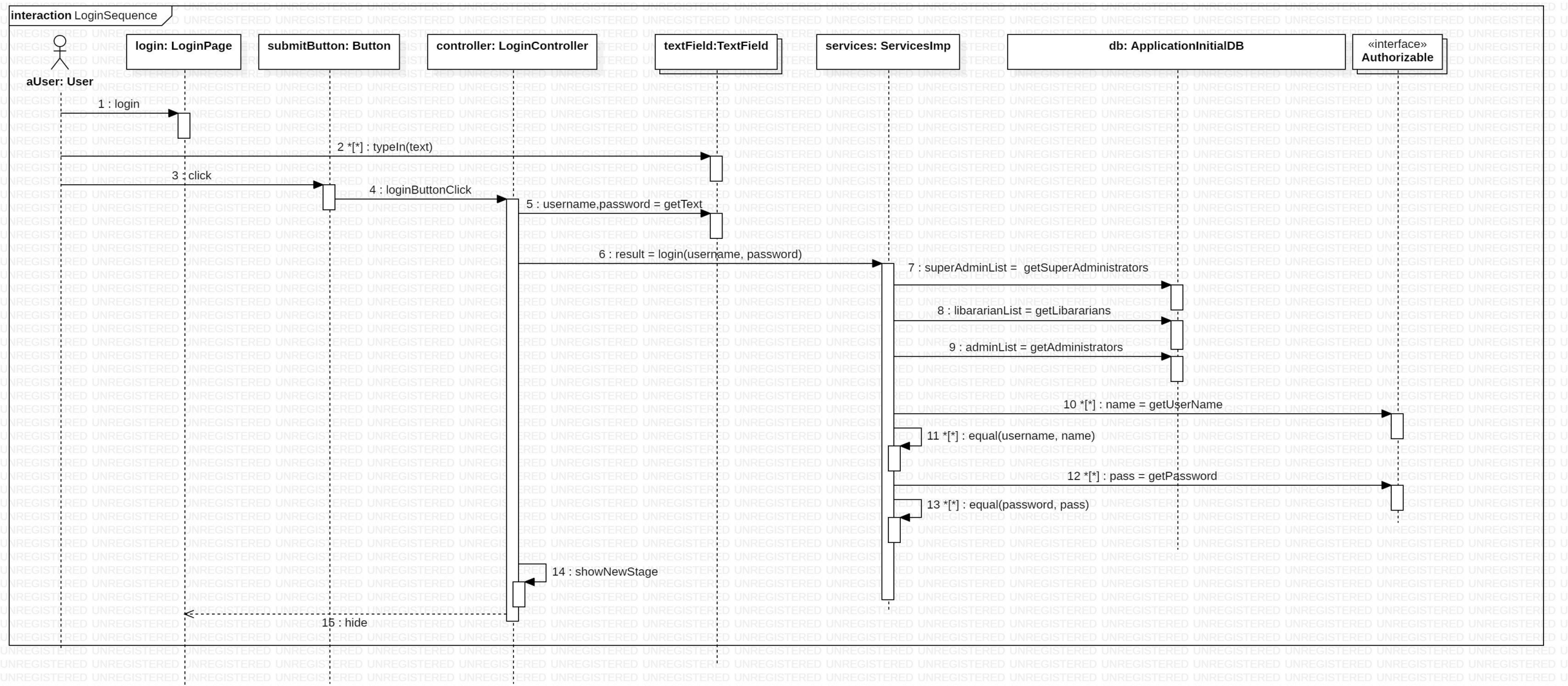


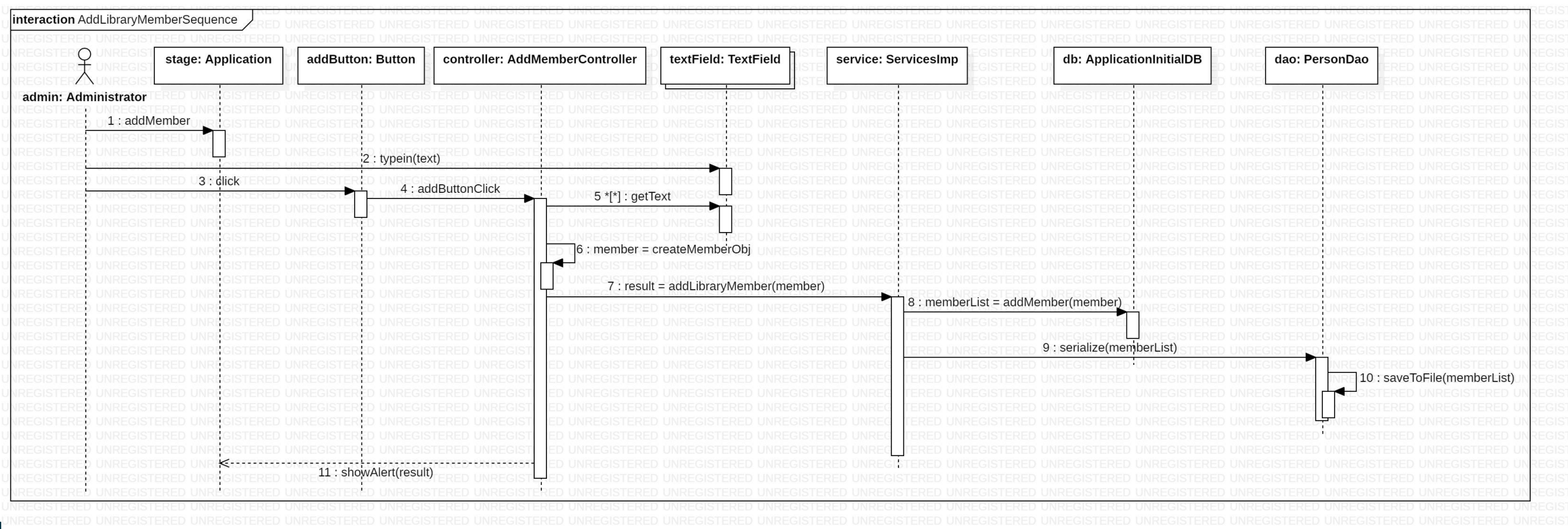


# Class Model



# Login Sequence





# Add Member Sequence



Super Admin Page

Check out BookAdd BookAdd CopyAdd Library MemberDisplay Library Member Info

Member ID

1

Book ISBN

1111

Check Out

Fname	Lname	Book	ISBN	BorrowDate	Due Date	Copy ID
Kai	Wang	Secret Of Life	1111	2019-03-01	2019-03-08	26c567dd-e7c6-40ea-94f9-65704d7772d6
Kai	Wang	Secret Of Life	1111	2019-03-07	2019-03-10	6185cb44-65a4-4e33-9f98-5ab5a8fcf68b
Kai	Wang	Java technology	2222	2019-03-07	2019-04-06	1f21ad88-a3bd-40e2-ab95-d937dd8d7da2
Kai	Wang	Secret Of Life	1111	2019-03-07	2019-03-10	26c567dd-e7c6-40ea-94f9-65704d7772d6

# UI Design

- ▶ JFoenix
- ▶ JFXTabPane
- ▶ TableView

# SCI principles Notes

- ▶ **Life is found in layers.**
  - ▶ **Our software should be built over layers to be more flexible and easier to extend which implies with the life structure.**
- ▶ **Harmony exists in diversity.**
  - ▶ **Different team member from different cultures and different level of experience**