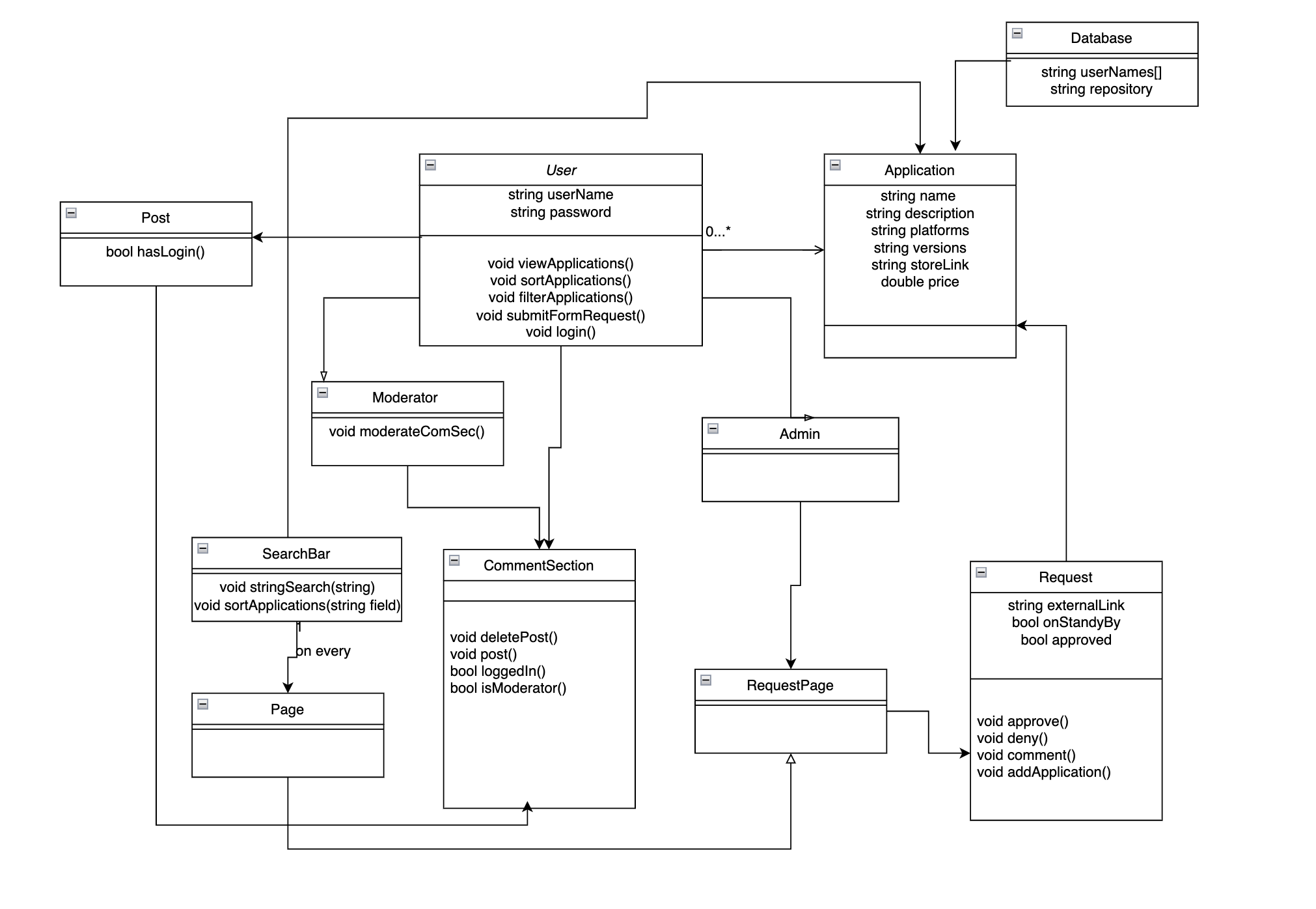
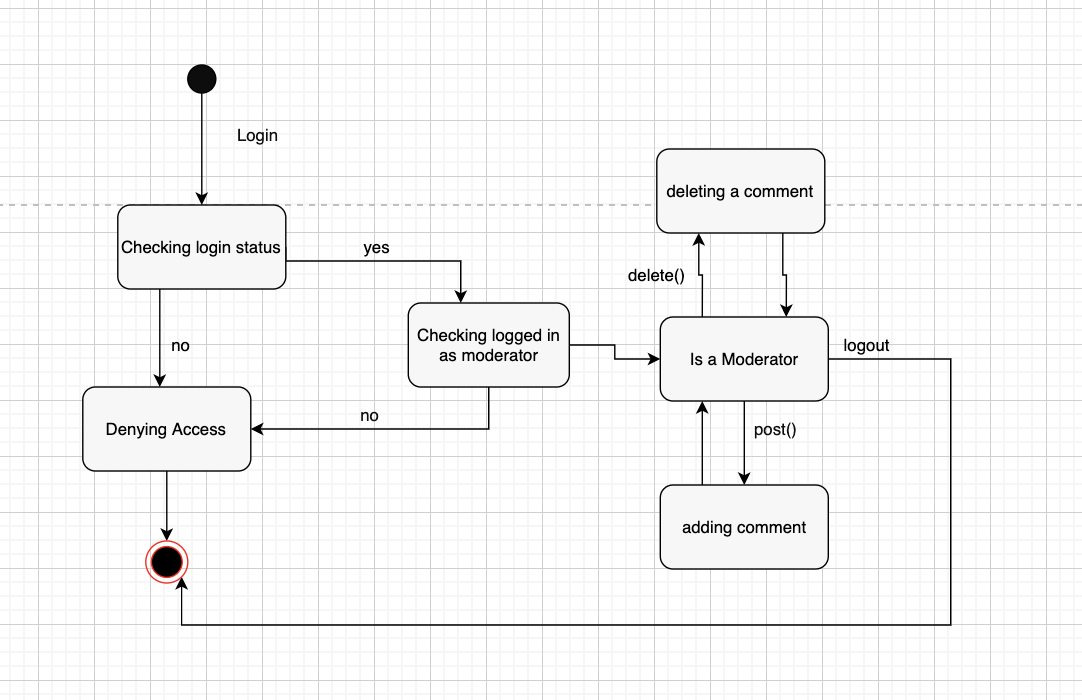
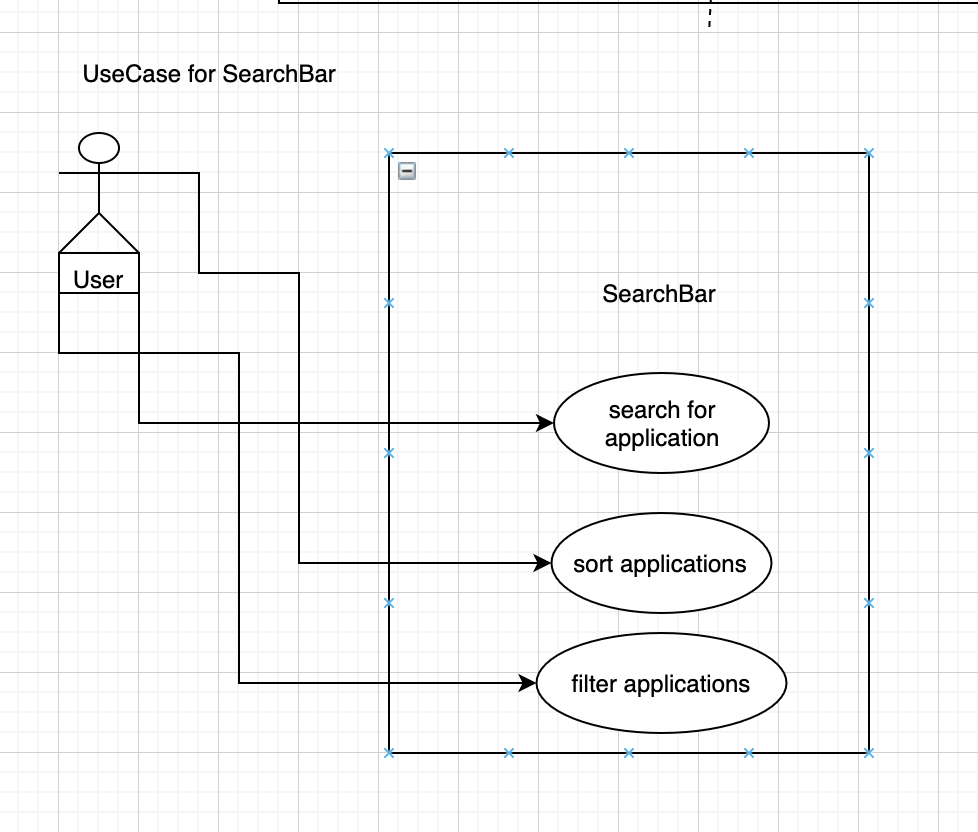
1. **Show initial UML Class diagrams for your requirements**

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1. **State Diagram**



1. **a. UML Use Case Diagram**



**b. UML Sequence Diagram for Use Case**

