The Jungle Game

Chesshire Coders

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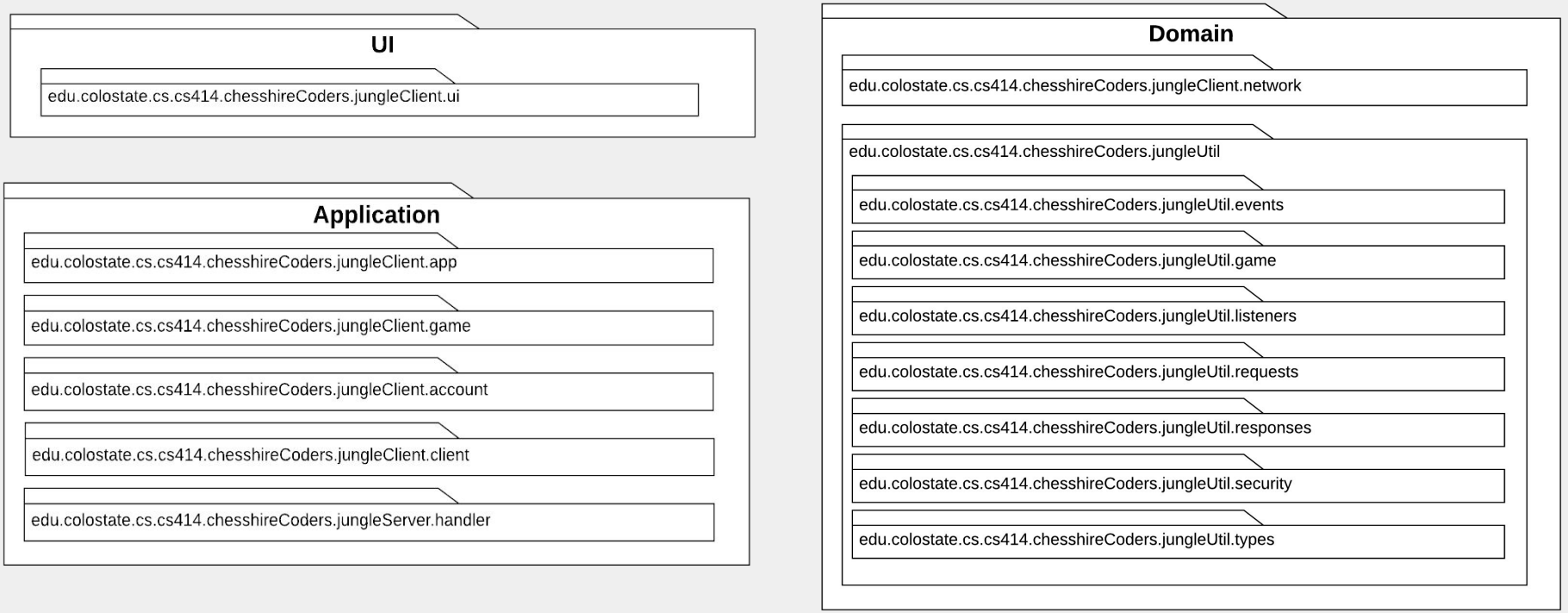
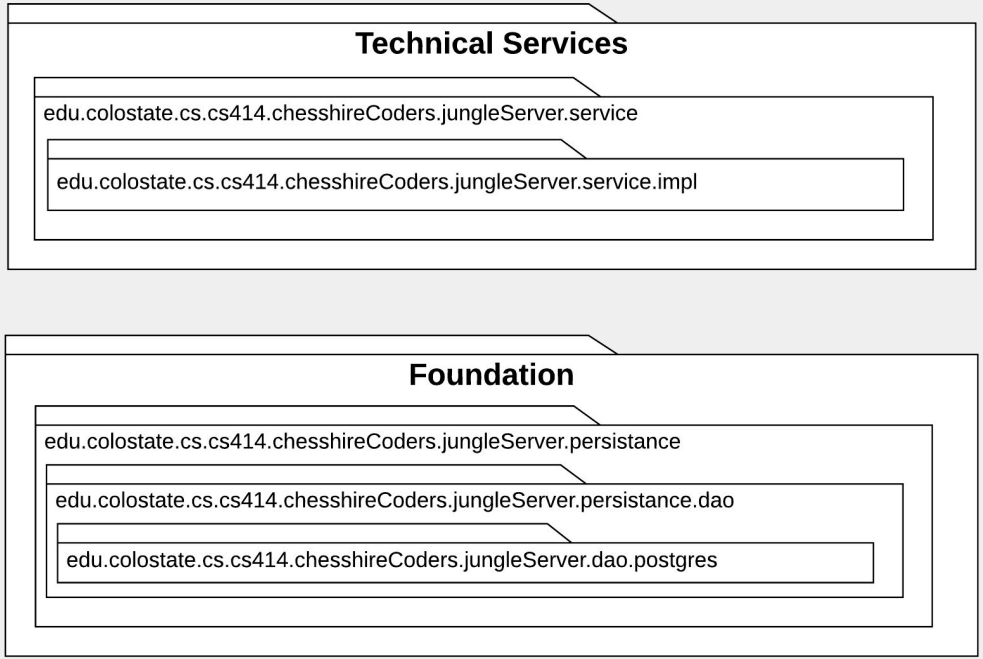
Image from: http://www.tattoodaze.com/tattoo-images/79/th_tiger-art-decor-mountain-tiger-tiger-hand-painting-original-bkLbwV.jpg

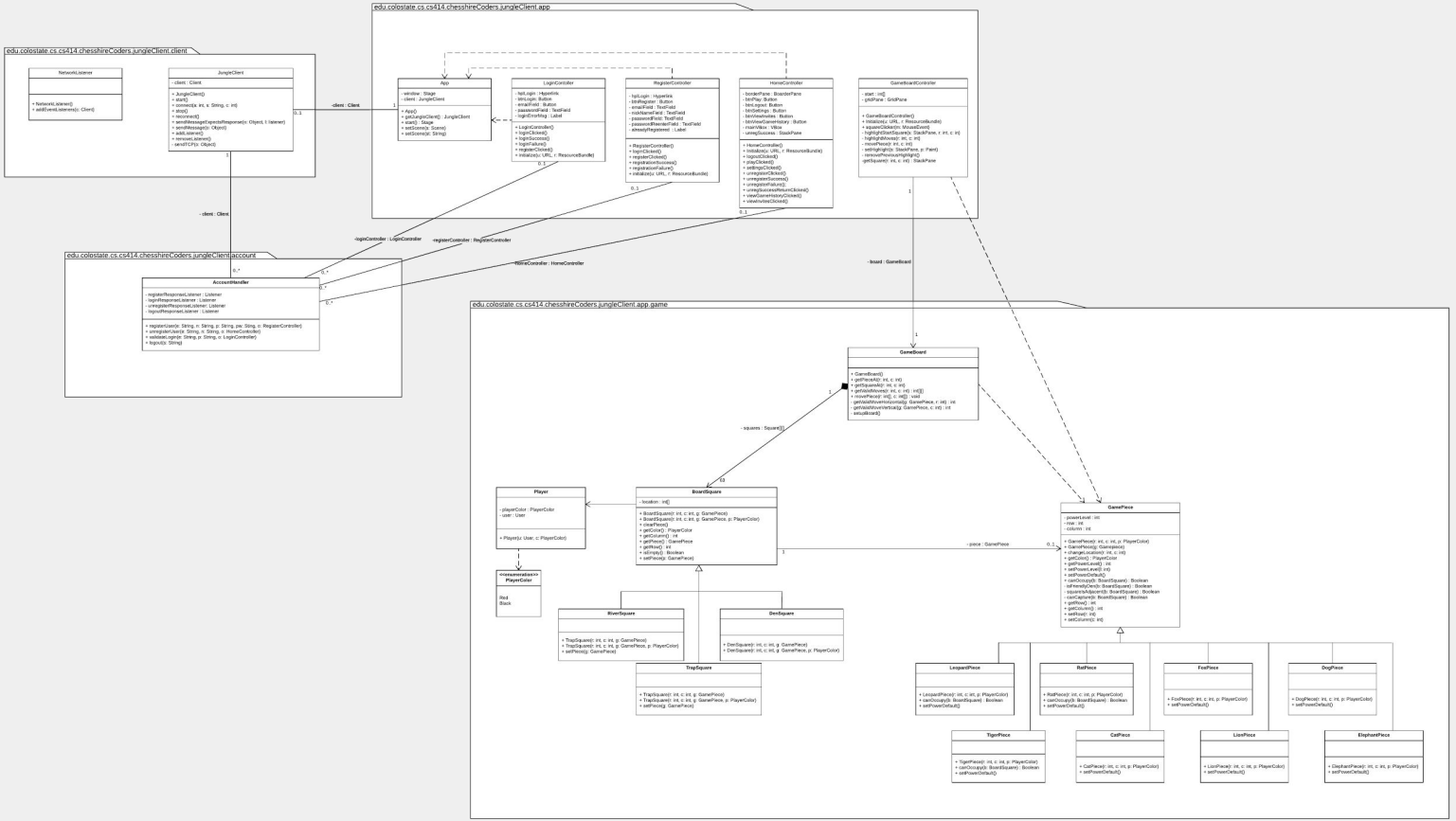
Logical Architecture



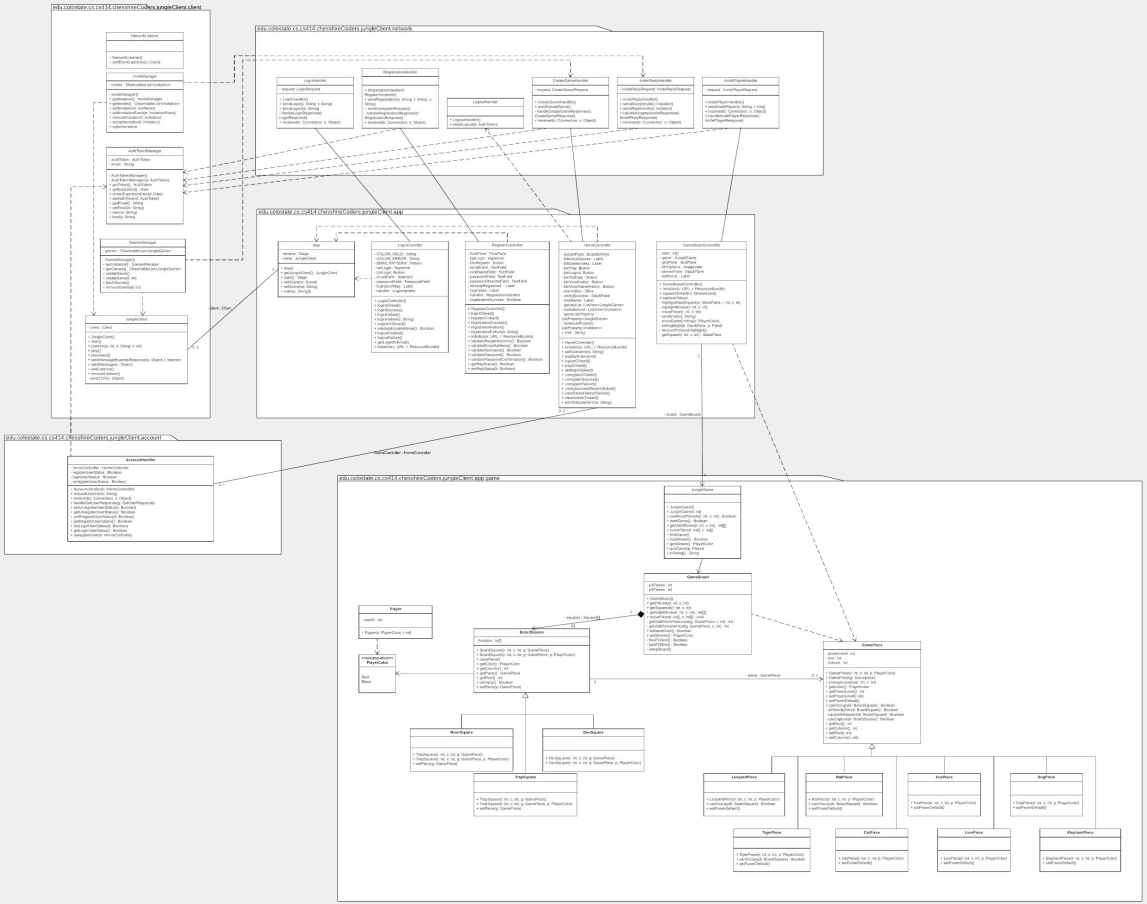
Logical Architecture



Design Class Diagram: Jungle Client - Before



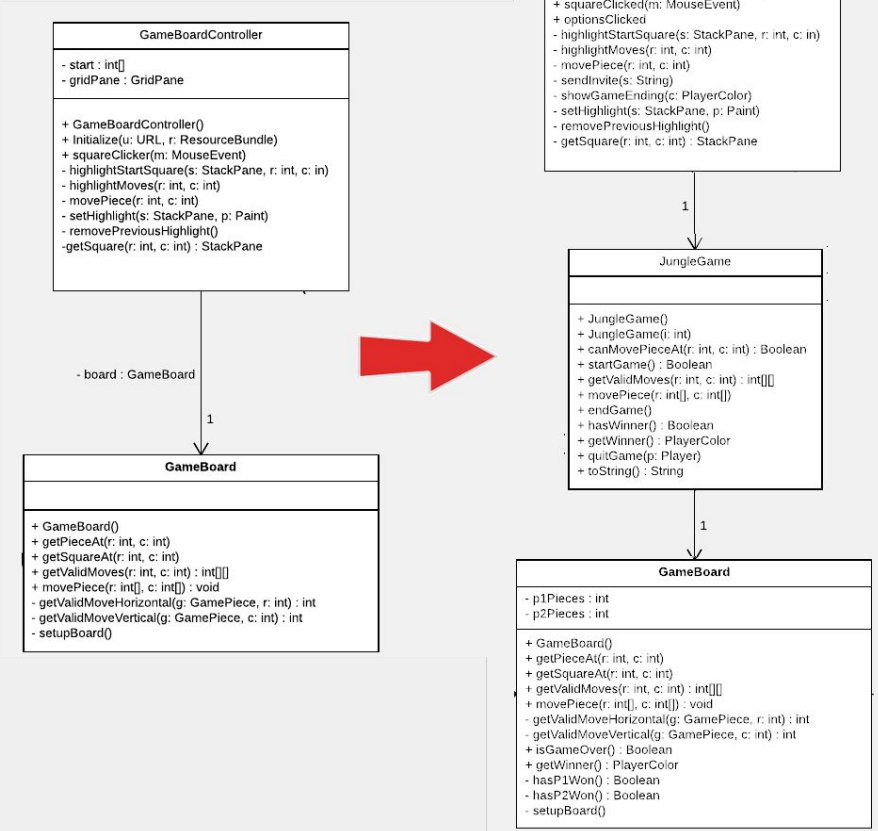
Design Class Diagram: Jungle Client - After



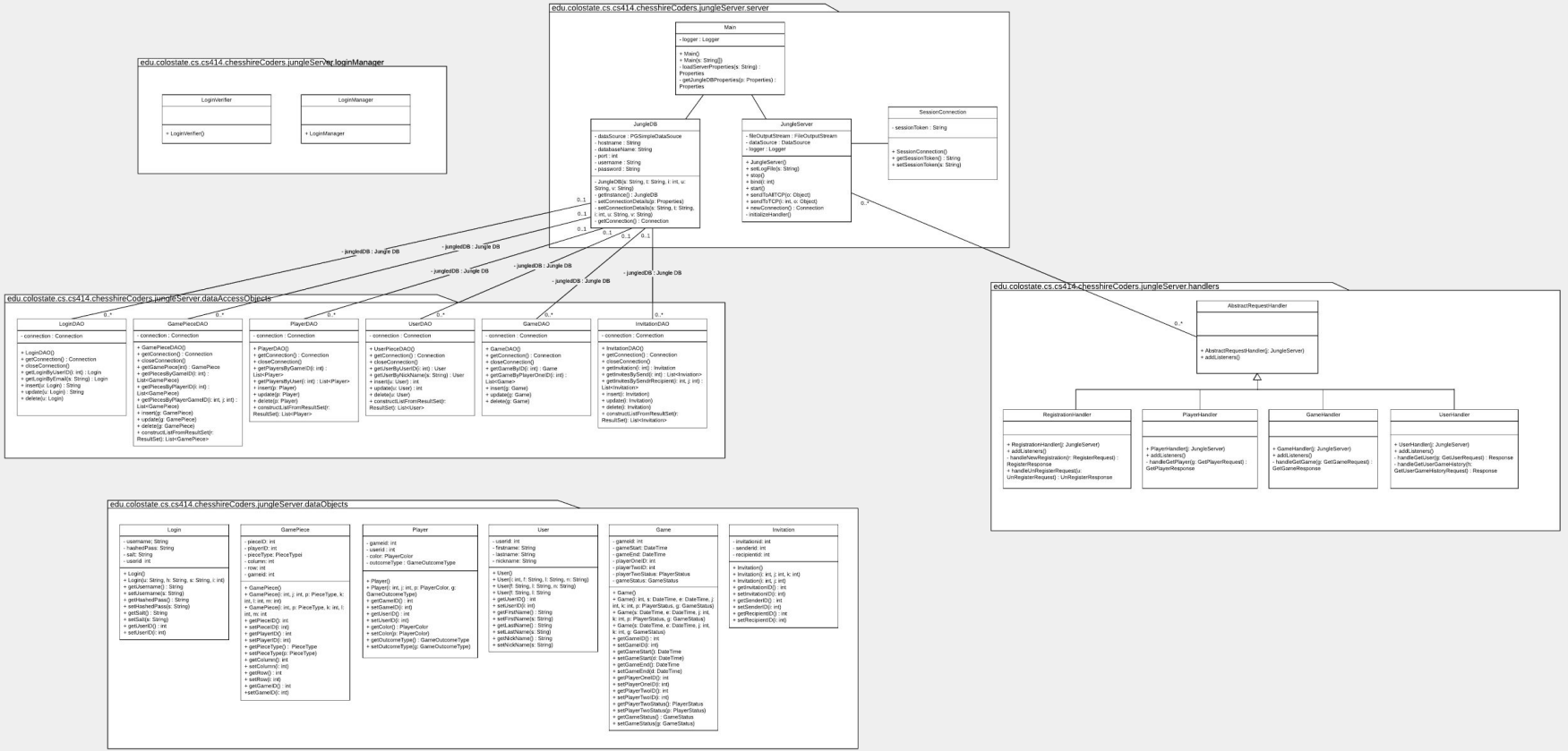
Design Class Diagram: Jungle Game

Addition of Singleton Manager Classes

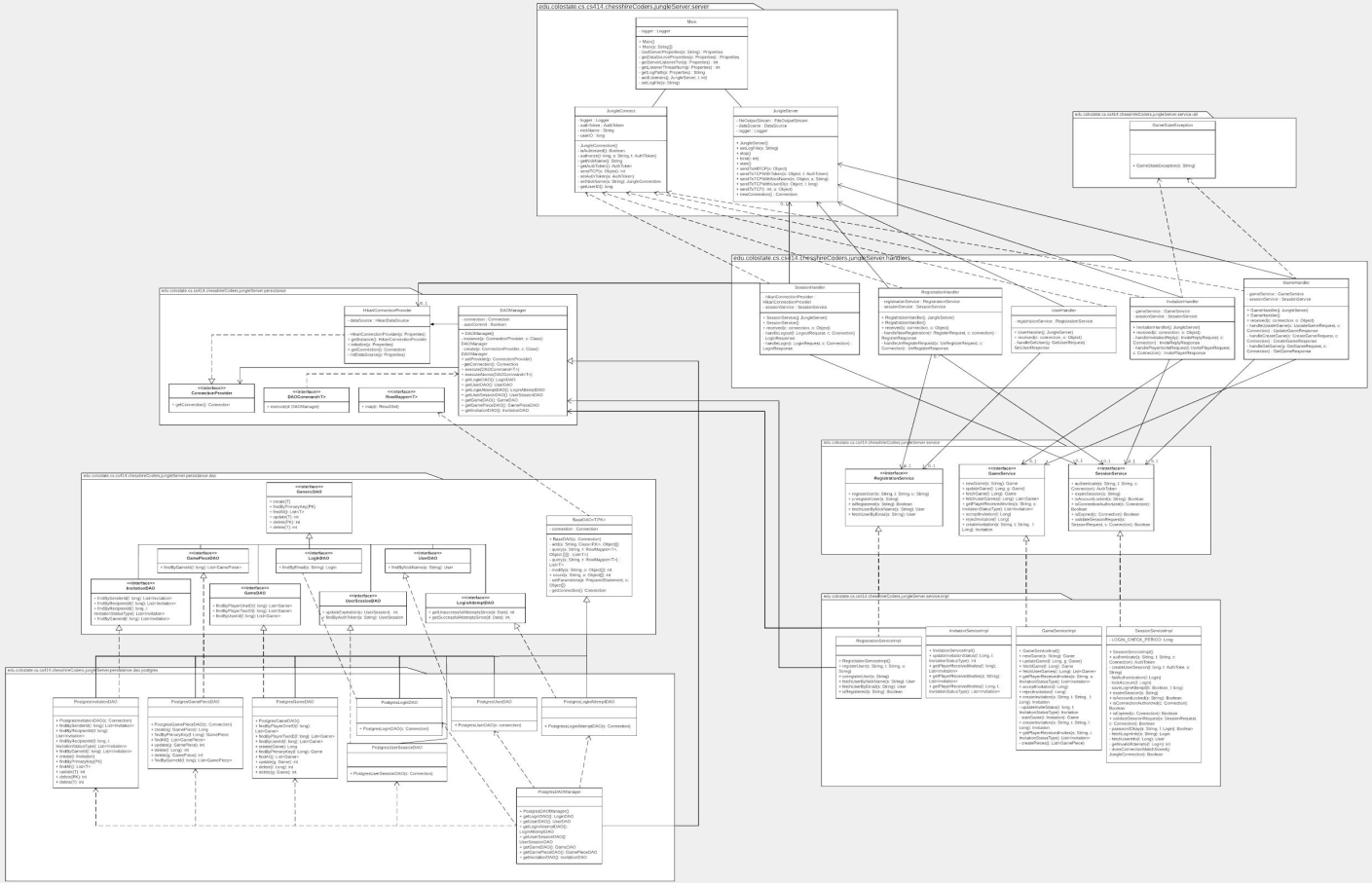
Addition of JungleGame Class



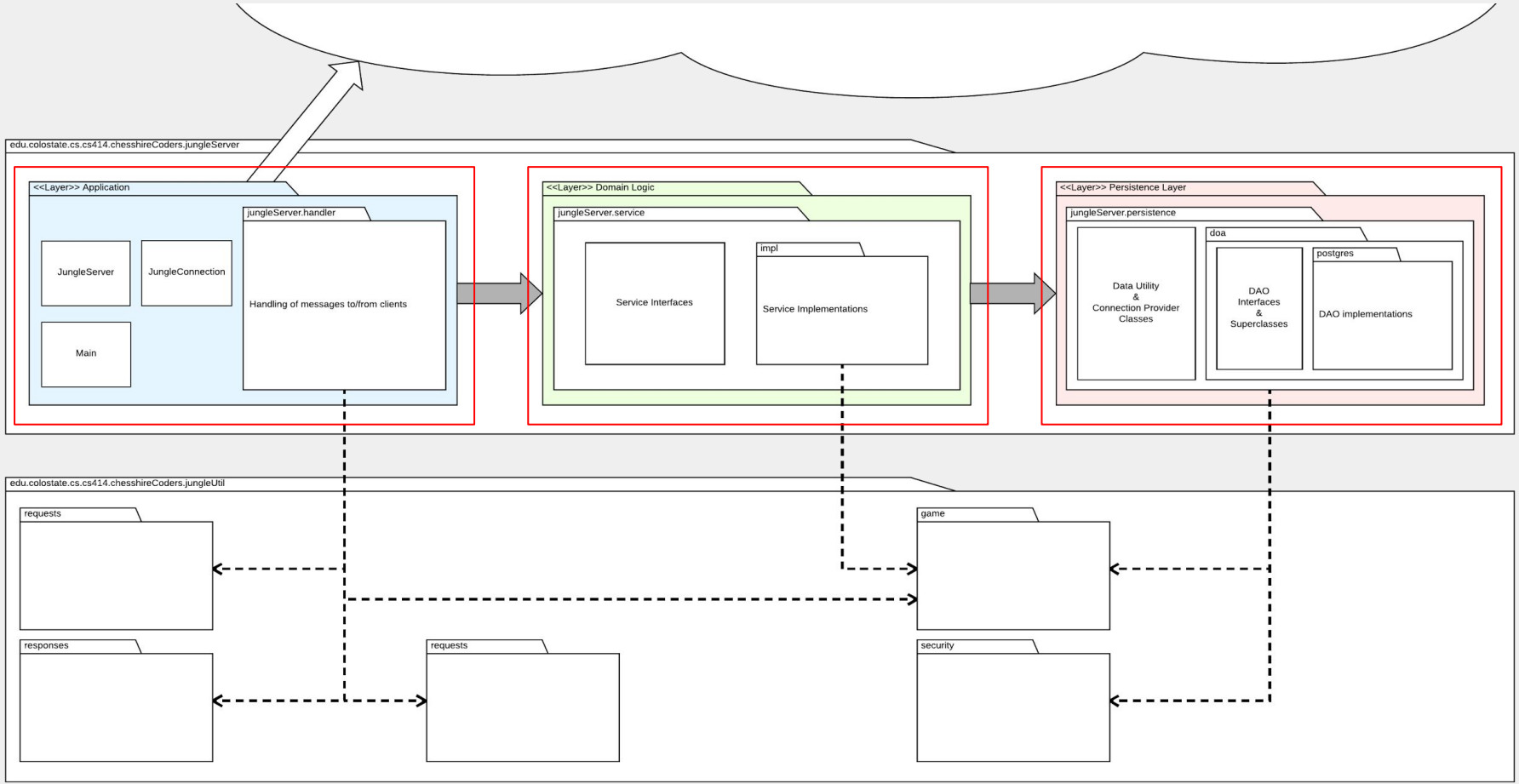
Design Class Diagram: Jungle Network - Before



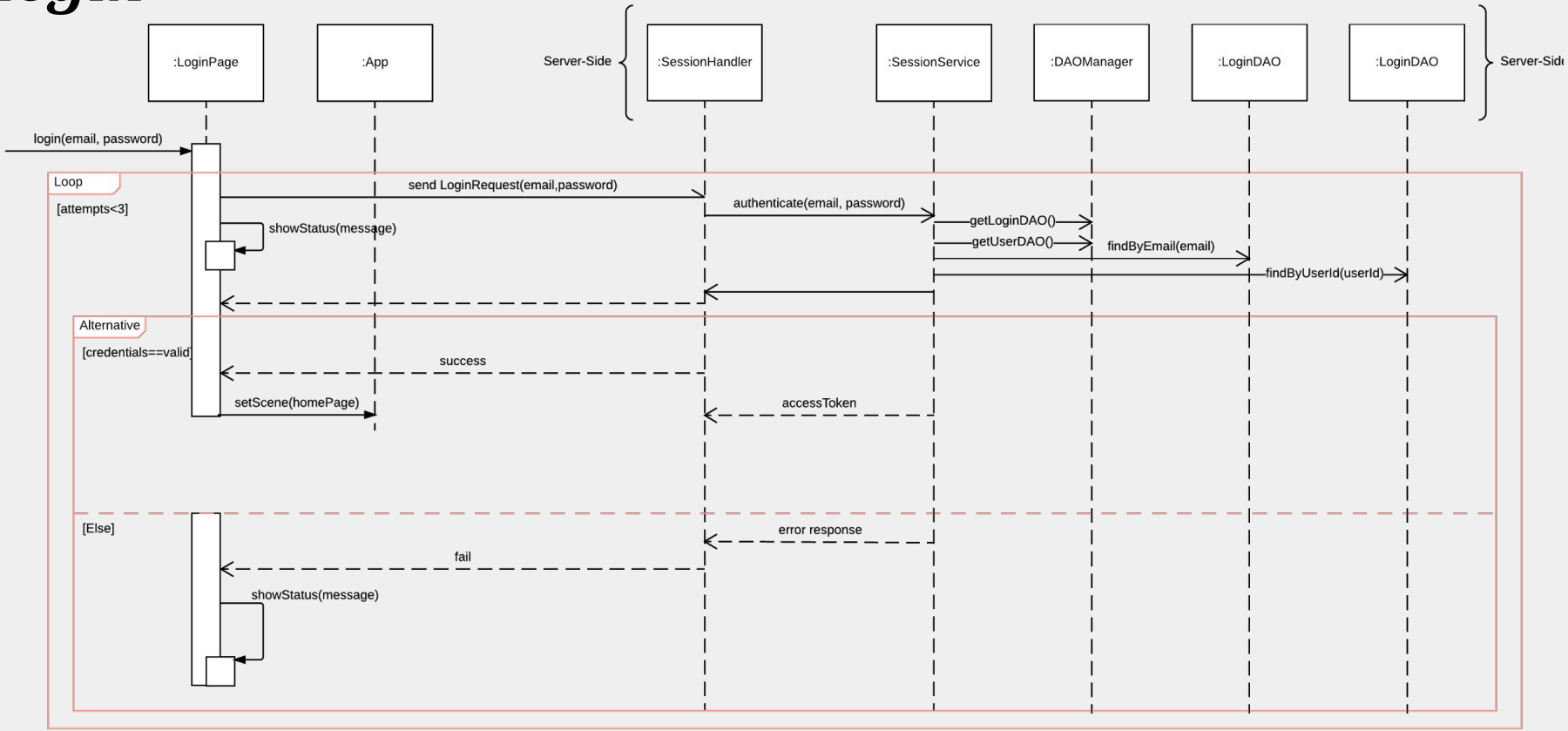
Design Class Diagram: Jungle Server - After



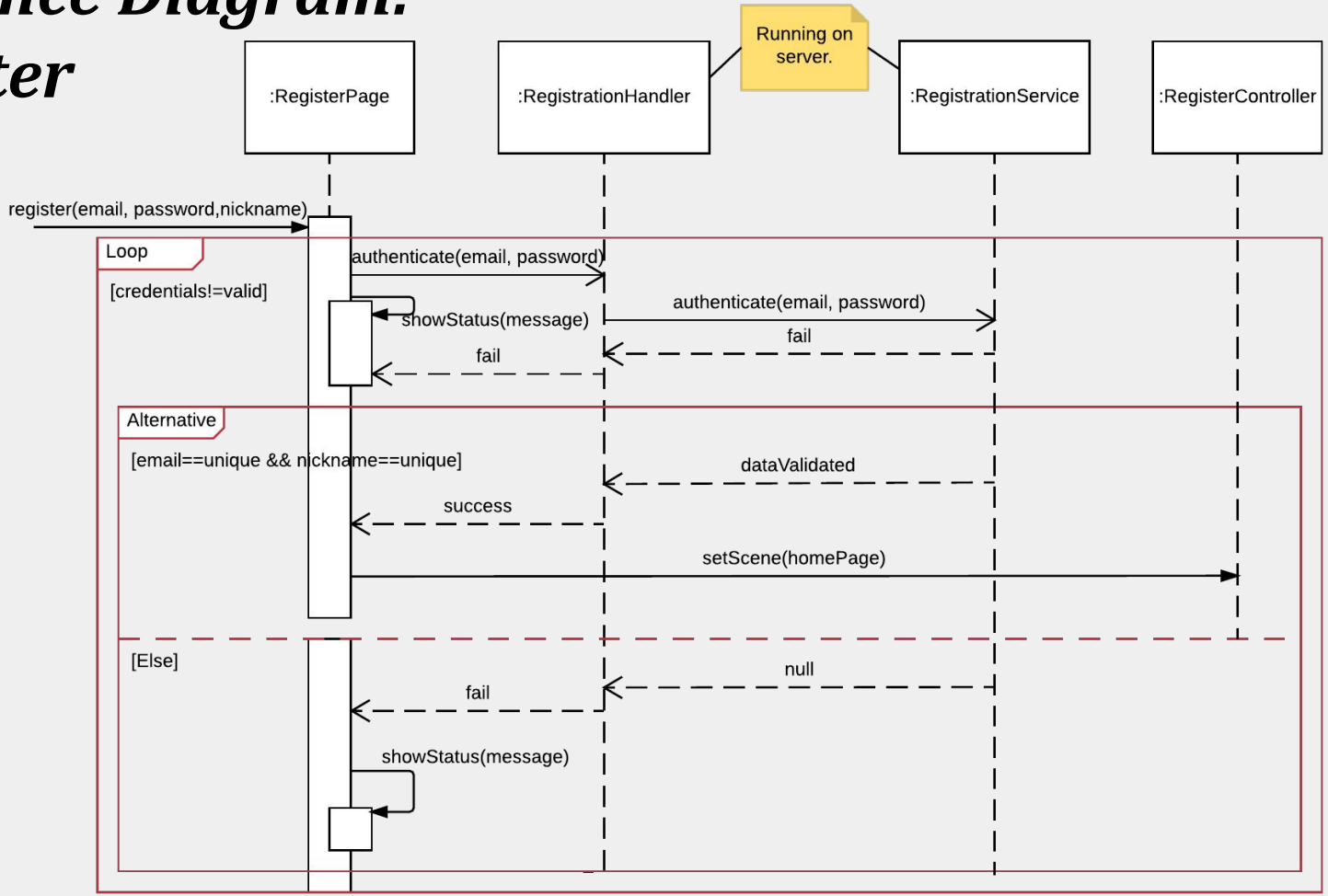
Server Structure & Packages



Sequence Diagram: Login



Sequence Diagram: Register



Refactoring and Design Pattern List

- Singleton
- Factory Method
- Abstract Factory Method
- Prototype
- Facade
- Decorator

Traceability Link Matrix

	Login	Jungle Game	Game Board	Game Piece	Board Square	Player	User	Invite Manager	Invitation
#1: Register to the system	x						x		x
#2: Create a new game	x	x	x						x
#3: Invite other users to a game	x							x	x
#4: Respond to Game Invitation	x		x			x		x	x
#5: Quit Game	x	x	x			x			
#6: Unregister from System	x						x		
#7: View Player Profile	x					x			
#8: Log in to System	x						x		
#9: Log out of System	x						x		
#10: Move Game Piece	x	x	x	x	x	x			
#11: Switch Game	x	x	x			x			

Demo

Questions And Discussion