



Group 13 Milestone 5 Submission

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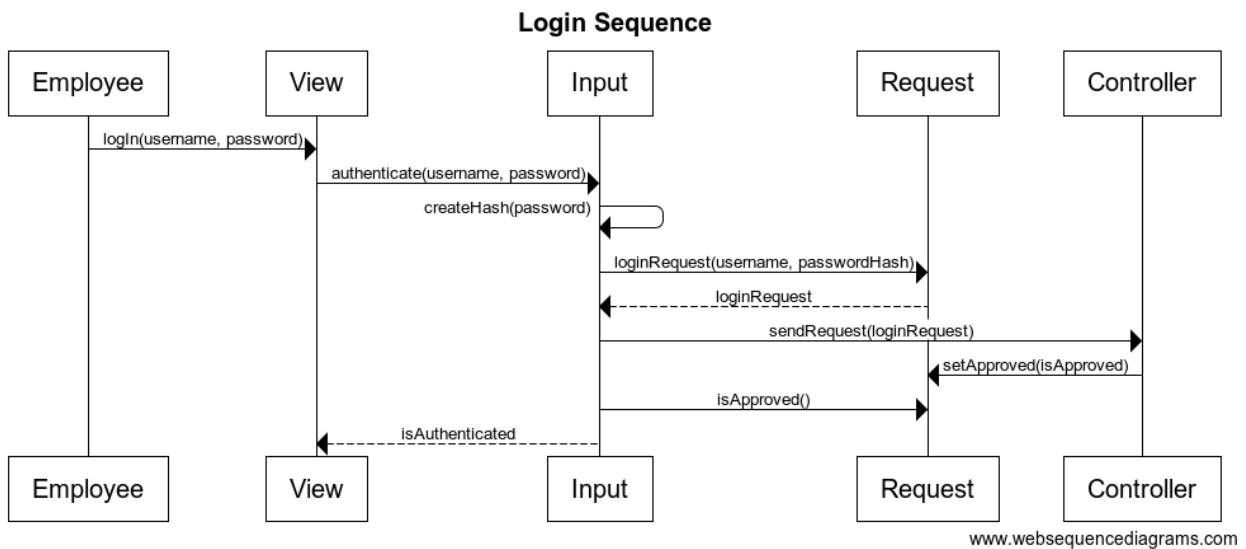
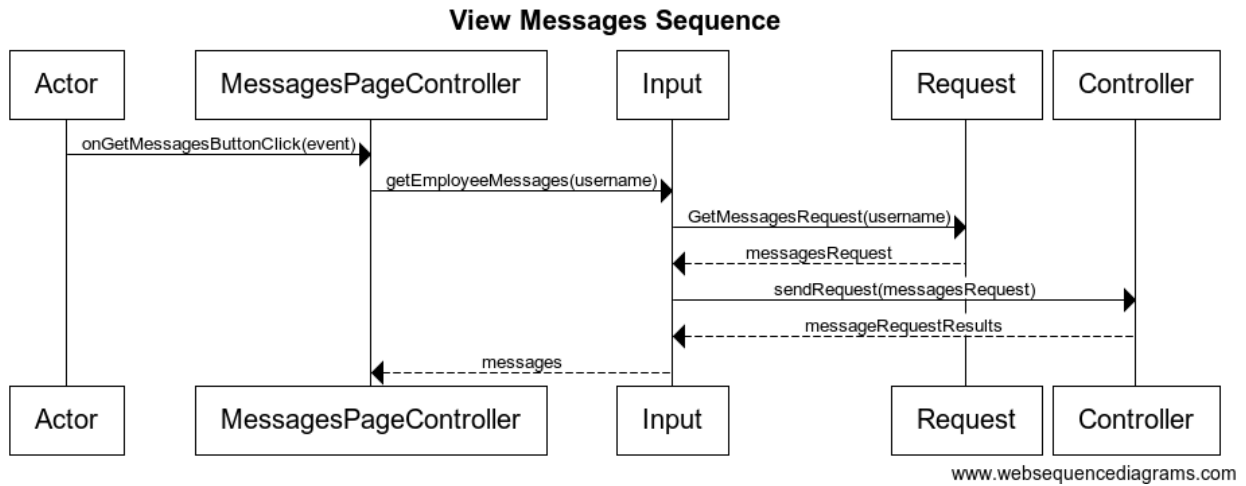
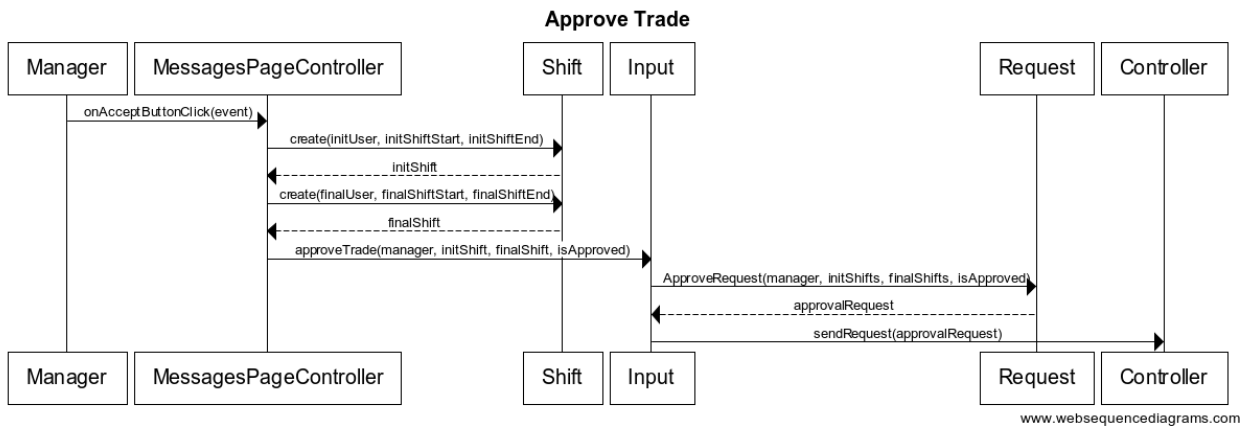
System Operations

1. addNewEmployee(employee)
2. removeEmployee(username)
3. assignShift(shift)
4. getSchedule(username)
5. authenticate(username, passwordHash)
6. createGiveRequest(shift)
7. createTradeRequest(shift1, shift2)
8. getEmployeeMessages(username)
9. approveTrade(manager, shift1, shift2, isApproved)
10. isUsernameUnique(username)

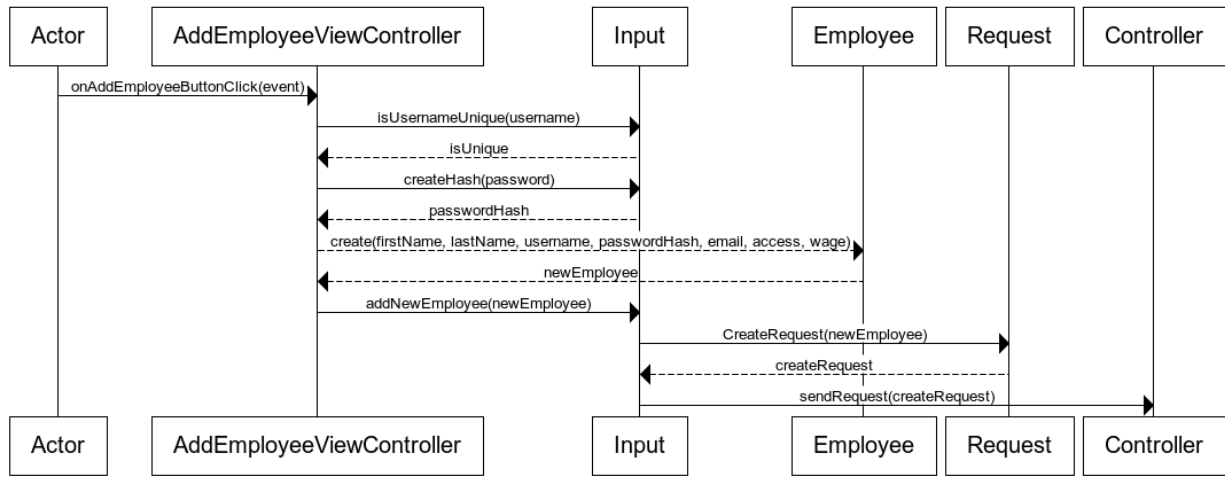
Class Diagram

See PDF file, ClassDiagramMilestone5-Group13

Sequence Diagrams

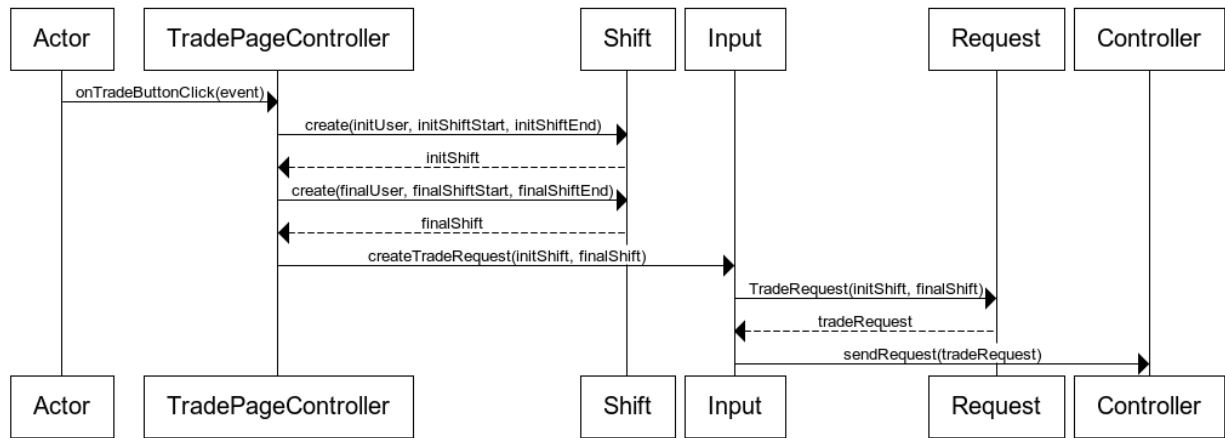


Add Employee Sequence



www.websequencediagrams.com

Trade Shift Sequence



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Updated Project Plan

	Andre w	Conno r	Erik	Ken	Warre n	
Initial topic discussion	1	1	1	1	1	Complete
Group name	0.3	0.3	0.3	0.3	0.3	Complete
Project name	0.25	0.25	0.25	0.25	0.25	Complete
Milestone 2	2	2	2	2	2	Complete
Milestone 2 finalization and submission	1					Complete
Milestone 3 report	6				6	Complete
Low fidelity prototype	3					Complete
Toy prototype		3	3	3		Complete
Database Design and implementation	10			8		Complete
DataBase Connection	2	0.5	0.5	4	0.5	Complete
Initial UML and structure design	2	2				Complete
Presentation	5				5	Complete
Presenting in Class	0.25	0.25		0.25		Complete
Initial UI			5			Complete
Initial Functions	3	3	5	4		Complete
Minutes	0.17			0.5		Complete
Planning	0.5	0.33		1		Complete
Use Cases	3	3	3	3	3	Complete
Domain Model	2					Complete
Operation Contracts	1	1				Complete
System Sequence Diagram	3	3				Complete
Glossary	1					Complete
Use Case Diagram	2					Complete
Supplementary Specs	2			1		Complete
Skeleton implementation			10		12	Complete
Checkout bugs	2	1		1.5		
Read Me				0.5		Complete

Finalize Report	3					Complete
	55.47	20.63	30.05	30.3	30.05	
Milestone 5						
Planning				1		
Worked on adding employee	3					
Finished adding Employee functionality	3					
Database mods (add give/trade tables)	1			1		
worked on shift trading				7.5		
Functions!	4					
database fixs	3			2		
Controller implementation		5.25		5		
Querys	2			2		
Report work start, sequence diagrams	2					
Finished sequence diagrams	2					
Meet with Chanchal	1			1		
Look into Google Cal				1		
Frontend/User Interaction			9		7.5	
User Guide			1			
Class diagram	3					
Finishing milestone implementation		2	4		5	
TOTAL	79.47	27.88	44.05	49.8	42.55	