



Group 13 Milestone 5 Submission

Andrew Magnus

Erik Labine

Connor Lavoy

Warren Fehr

Kennedy Slawinski



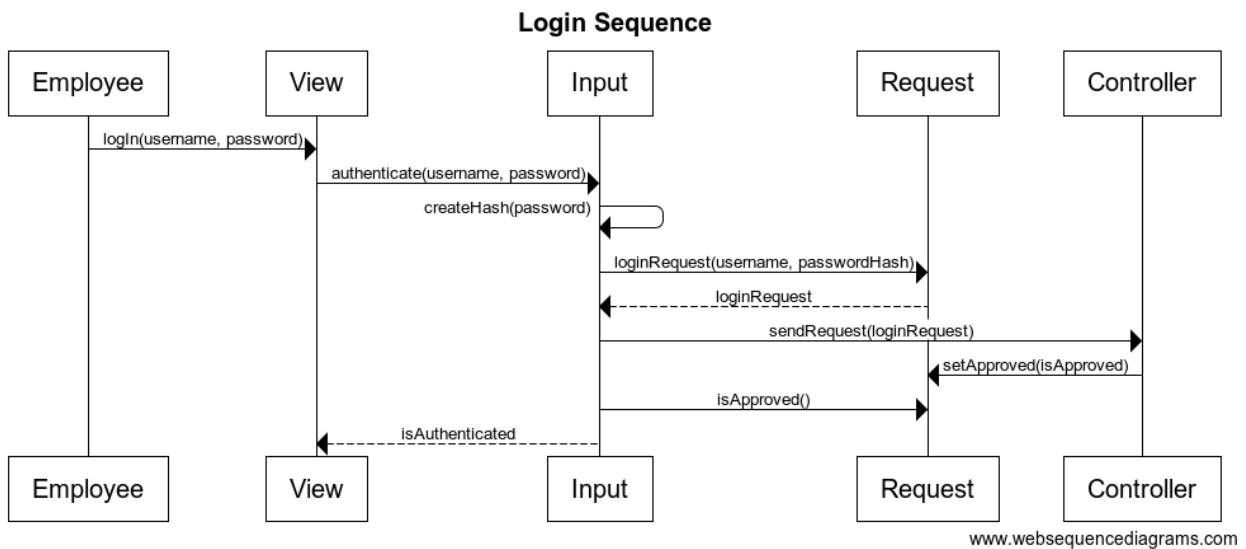
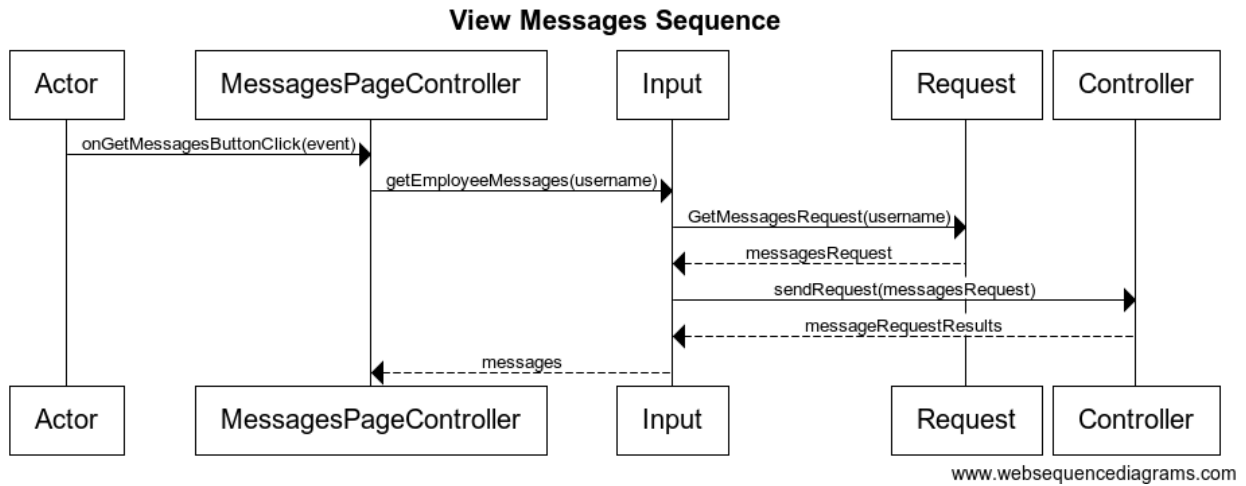
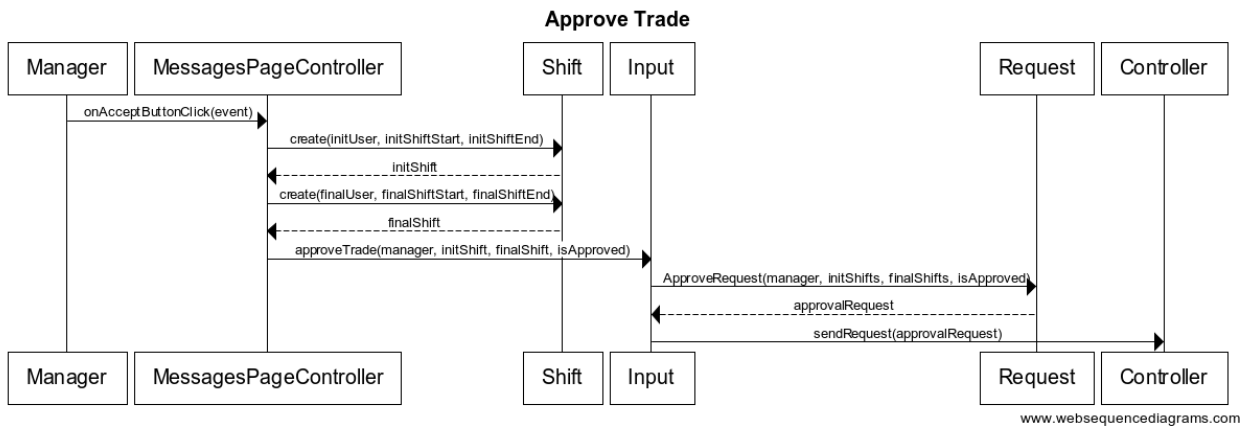
## System Operations

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)

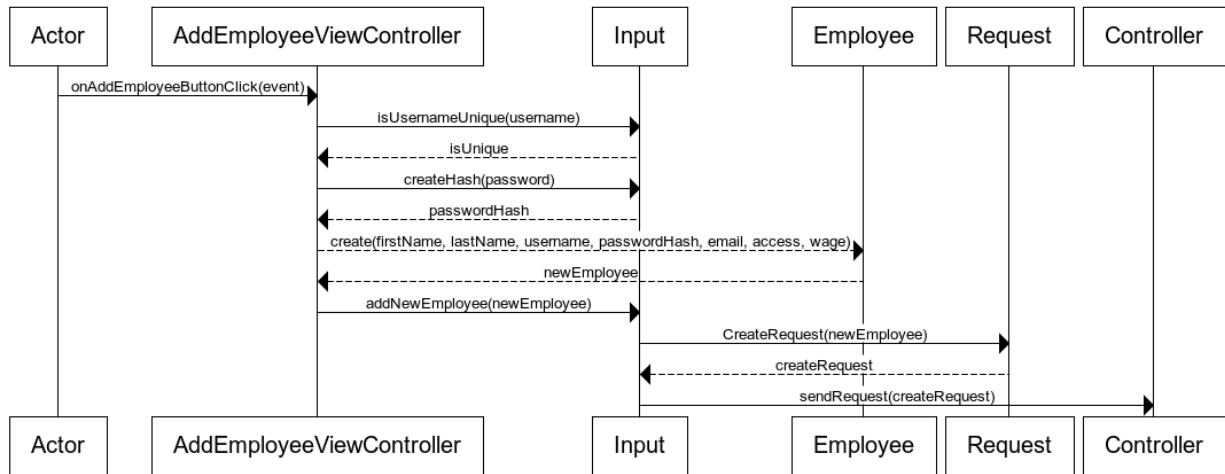
## Class Diagram

See PDF file, ClassDiagramMilestone5-Group13

# Sequence Diagrams

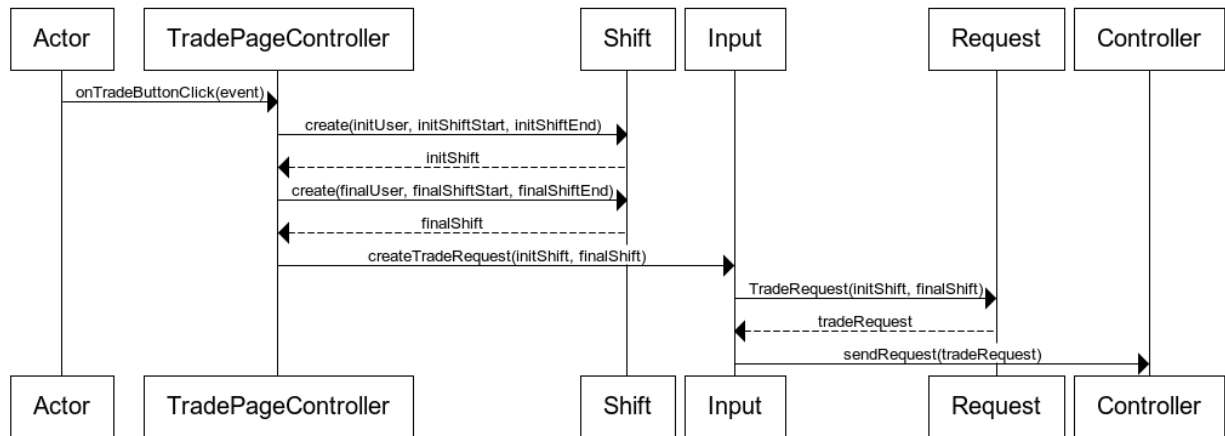


### Add Employee Sequence



www.websequencediagrams.com

### Trade Shift Sequence



www.websequencediagrams.com

## 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	
<b>Milestone 5</b>						
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	

