

**Task Name:**  
(Dependencies  
top to bottom)

Role				Owner (primary owner) (secondary owners)	Estimated By Task	Effort Subtotals	Actual By Task	Actual Subtotal
Preliminary & Parallel Tasks	Architecture				12		1	
	Design architecture	Project Manager	Alexa, Tarsus	12	1	8		
	Requirements				9		8	
	Gather	Requirements Engineer	Ekrem, Alexa	2	3	5		
	Analyze	Requirements Engineer	Long, Alexa	4	5	0		
	Specify	Requirements Engineer	Dalton, Alexa	3	0	8		
	Documentation				28		8	
	Project Charter	Project Manager	Alexa, Tarsus	2	2.5	2.5		
	Release Plan	Project Manager	Alexa, Tarsus	2	2.5	3		
	Requirements Document	Project Manager, Requirements Engineer	Alexa, Tarsus	5	3	0		
	Project Plan	Project Manager, Developers	Alexa, Long, Dalton, Ekrem, Tarsus	5	0	0		
	Architecture Document	Architect	Ekrem, Long	4	0	0		
	Test Report	Tester	Alexa, Dalton	8	0	0		
User Guide & System Admin Doc	Developers, Requirements Engineer	Tarsus, Ekrem, Long, Dalton	2	0				
Coding Iteration 1:	Development				48		32.5	
	IDE, Local Database Setup (Eclipse, MariaDB, WAMP)	Developer	Tarsus, Ekrem, Long, Dalton	8	0.0			
	Language/framework training	Developer	Tarsus, Ekrem, Long, Dalton	20	25			
	Determine database schema	Developer	Tarsus, Dalton, Ekrem, Long	2	3			
	Set up Spring Boot Project in Repo	Developer	Ekrem, Tarsus	3	2			
	Set up Angular Project in Repo	Developer	Tarsus, Ekrem	3	2.5			
	Link local database to Spring Boot project	Developer	Tarsus, Dalton, Long	5	0			
	Implement domain objects, data access objects	Developer	Long, Dalton	3	0			
	Write basic REST endpoints/controllers	Developer	Ekrem, Long	2	0			
	Test basic REST endpoints/controllers	Developer	Dalton, Long	2	0			
	Analysis				6		2	
	System Testing	Tester	Alexa, Tarsus	2	0			
	Bug fix as required	Tester, Developer	Long, Dalton, Ekrem	2	0			
Evaluate needs for next iteration	Project Manager	Alexa, Tarsus	2	2				
Iteration 2:	Design				12		3	
	Implement any design changes	Project Manager	Alexa, Tarsus	2	2			
	Risk analysis	Project Manager	Alexa, Tarsus	2	1			
	Create UI design login screen	Project Manager/ Developer	Long, Alexa	3	0			
	Create UI design dashboard	Project Manager/ Developer	Long, Alexa	5	0			
	Development				15		11	
	IDE, Local Database Setup (Eclipse, MariaDB, WAMP)	Developer	Dalton, Long, Ekrem, Tarsus, Alexa	8	5			
	Write basic REST endpoints/controllers	Developer	Ekrem, Tarsus	2	0			
	Test basic REST endpoints/controllers	Developer	Dalton, Long	2	0			
	Implement domain objects, data access objects	Developer	Tarsus, Ekrem	3	0			
	Link local database to Spring Boot project	Developer	Tarsus, Ekrem	5	6			

Alexa	Tarsus	Ekem	Dalton	Long	Total
Actual	Actual	Actual	Actual	Actual	
By Task	By Task	By Task	By Task	By Task	
0.5	0.5	0.0	0.0	0.0	1
1.0	0.0	1.0	0.0	0.0	2
2.5	0.0	0.0	0.0	2.5	5
0.0	0.0	0.0	0.0	0.0	0
1.3	1.3	0.0	0.0	0.0	2.5
1.3	1.3	0.0	0.0	0.0	2.5
1.5	1.5	0.0	0.0	0.0	3
0.0	0.0	0.0	0.0	0.0	0
0.0	0.0	0.0	0.0	0.0	0
0.0	0.0	0.0	0.0	0.0	0
0.0	0.0	0.0	0.0	0.0	0
0.0	0.0	0.0	0.0	0.0	0
0.0	6.3	6.3	6.3	6.3	25.2
0.0	1.0	1.0	1.0	1.0	4
0.0	1.0	1.0	0.0	0.0	2
0.0	1.3	1.3	0.0	0.0	2.6
0.0	0.0	0.0	0.0	0.0	0
0.0	0.0	0.0	0.0	0.0	0
0.0	0.0	0.0	0.0	0.0	0
0.0	0.0	0.0	0.0	0.0	0
0.0	0.0	0.0	0.0	0.0	0
0.0	0.0	0.0	0.0	0.0	0
0.0	0.0	0.0	0.0	0.0	0
0.0	0.0	0.0	0.0	0.0	0
0.0	0.0	0.0	0.0	0.0	0
1.0	1.0	0.0	0.0	0.0	2
0.5	0.5	0.0	0.0	0.0	1
0.0	0.0	0.0	0.0	0.0	0
0.0	0.0	0.0	0.0	0.0	0
0.0	0.0	0.0	0.0	0.0	0
1.0	1.0	1.0	1.0	1.0	5
0.0	0.0	0.0	0.0	0.0	0
0.0	0.0	0.0	0.0	0.0	0
0.0	0.0	0.0	0.0	0.0	0
0.0	3.0	3.0	0.0	0.0	6

Iteration 3:	Implement UI		Developer	Dalton, Long, Ekrem, Tarsus, Alexa	5	0
	Unit Testing		Developer	Tarsus, Alexa	2	0
	<b>Analysis</b>				<b>6</b>	<b>5</b>
	System Testing		Tester	Tarsus, Alexa	2	2
	Bug fix as required		Tester, Developer	Dalton, Long, Ekrem, Tarsus, Alexa	2	1
	Evaluate needs for next iteration		Project Manager	Alexa, Tarsus	2	2
	<b>Design</b>				<b>16</b>	<b>12</b>
	Implement any design changes		Project Manager	Alexa, Tarsus	2	2
	Risk analysis		Project Manager	Alexa, Tarsus	4	4
	Create UI Design Login Screen		Developer	Dalton, Alexa	5	6
	Create UI Design Dashboard		Developer	Dalton, Alexa	5	0
	<b>Development</b>				<b>14</b>	<b>12</b>
	Write basic REST endpoints/controllers		Developer	Ekrem, Tarsus	2	1
	Test basic REST endpoints/controllers		Developer	Dalton, Long	2	3
Iteration 4:	Implement domain objects, data access objects		Developer	Tarsus, Ekrem	3	4
	Implement UI		Developer	Alexa, Dalton	5	3
	Unit Testing		Developer	Tarsus, Ekrem	2	1
	<b>Analysis</b>				<b>7</b>	<b>4</b>
	Acceptance Testing		Tester, Project Manager	Tarsus, Long	3	0
	Evaluate needs for next Iteration		Project Manager	Alexa	2	2
	Bug fix as required		Tester, Developer	Dalton, Long, Ekrem, Tarsus, Alexa	2	2
	<b>Design</b>				<b>21</b>	<b>24</b>
	Implement any design changes		Project Manager	Alexa, Tarsus	2	4
	Trigger Table CRUD Popup Component		Project Manager, Developer	Alexa, Tarsus, Dalton	4	5
	Notification Page HTML/CSS Layout		Project Manager, Developer	Alexa, Dalton	5	5
	Dashboard Page HTML/CSS Layout		Project Manager, Developer	Dalton, Alexa	5	5
	Trigger Page HTML/CSS Layout		Project Manager, Developer	Dalton, Alexa	5	5
	<b>Development</b>				<b>27</b>	<b>14</b>
	Notification Page UI Logic		Developer	Tarsus, Long	2	0
Iteration 5:	Trigger CRUD Popup UI Logic		Developer	Tarsus, Ekrem	3	0
	Research unit testing front end/back end		Developer	Long, Tarsus, Ekrem	3	7
	Research/Implement LDAP User authentication & sign in		Developer	Tarsus	4	0
	Login Page UI Logic		Developer	Tarsus, Long	3	0
	Dashboard Page UI Logic		Developer	Tarsus, Dalton	5	0
	Write REST endpoint controllers		Developer	Long, Tarsus, Ekrem	3	4
	Unit Testing		Developer	Tarsus, Ekrem	2	3
	<b>Analysis</b>				<b>7</b>	<b>8</b>
	Acceptance Testing		Tester, Project Manager	Tarsus, Long	3	2
	Evaluate needs for next Iteration		Project Manager	Alexa	2	3
	Bug fix as required		Tester, Developer	Dalton, Long, Ekrem, Tarsus, Alexa	2	3
	<b>Design</b>				<b>27</b>	<b>51</b>
	Notification page UI logic		Project manager, Developer	Alexa, Tarsus	3	5
	Edit Trigger CRUD popup UI logic		Project manager, Developer	Alexa, Tarsus	3	8
	Dashboard page UI logic		Project manager, Developer	Alexa, Tarsus	3	5
	Login page UI logic		Project manager, Developer	Alexa, Tarsus	3	8
	Add Trigger page UI logic		Project manager, Developer	Alexa, Tarsus	3	8

0.0	0.0	0.0	0.0	0.0	0
0.0	0.0	0.0	0.0	0.0	0
1.0	1.0	0.0	0.0	0.0	2
1.0	1.0	1.0	1.0	1.0	5.0
1.0	1.0	0.0	0.0	0.0	2.0
14.5	23.6	15.6		11.8	65.5
1.0	1.0	0.0	0.0	0.0	2.0
2.0	2.0	0.0	0.0	0.0	4.0
5.5	0.5	0.0	0.0	0.0	6.0
0.0	0.0	0.0	0.0	0.0	0.0
					12.0
0.0	0.5	0.5	0.0	0.0	1.0
0.0	0.0	0.0	0.0	3.0	3.0
0.0	2.0	2.0	0.0	0.0	4.0
3.0	0.0	0.0	0.0	0.0	3.0
0.0	0.5	0.5	0.0	0.0	1.0
					12.0
0.0	0.0	0.0	0.0	0.0	0.0
1.5	0.5	0.0	0.0	0.0	2.0
0	1	1	0	0	2
42.1	55.3	35.2	9.3	26.6	168.5
3.0	1.0	0.0	0.0	0	4.0
4.0	1.0	0.0	0.0	0	5.0
4.0	1.0	0.0	0.0	0	5.0
4.0	1.0	0.0	0.0	0	5.0
4.0	1.0	0.0	0.0	0	5.0
					24.0
0.0	0.0	0.0	0.0	0	0.0
0.0	0.0	0.0	0.0	0	0.0
0.0	3.0	2.0	0.0	2	7.0
0.0	0.0	0.0	0.0	0	0
0.0	0.0	0.0	0.0	0	0
0.0	0.0	0.0	0.0	0	0.0
0.0	2.0	1.0	0.0	1	4.0
0.0	1.5	1.5	0.0	0	3.0
0.0	1.0	0.0	0.0	1	2.0
2.0	1.0	0.0	0.0	0	3.0
0.0	1.0	1.0	0.0	1	3.0
63.1	69.8	40.7	9.3	31.6	238.5
0	5	0	0	0	5
3	5	0	0	0	8
0	5	0	0	0	5
3	5	0	0	0	8
3	5	0	0	0	8

		View transaction page UI logic	Project manager, Developer	Alexa, Tarsus	3		10	
		Implement any design changes	Project manager, Developer	Alexa, Tarsus	9		7	
	Development					23		24
		Implement Unit Testing	Developer	Tarsus, Ekrem, Long	5		9	
		Research/implement frontend unit testing	Developer	Tarsus	6		0	
		Research/implement backend unit testing	Developer	Ekrem, Tarsus, Long, Alexa, Dalton	6		4	
		Unit testing	Developer	Ekrem, Tarsus, Long,	3		7	
		Write REST/endpoint controllers	Developer	Long, Tarsus	3		4	
	Analysis					7		5
		Acceptance Testing	Tester, Project Manager	Tarsus, Long	3		2	
		Evaluate needs for next Iteration	Project Manager	Alexa	2		0	
				Dalton, Long, Ekrem,				
		Bug fix as required	Tester, Developer	Tarsus, Alexa	2		3	
Total					248	236	207.5	207.5

0	6	0	4	0	10
0	7	0	0	0	7
					51
0	3	3	0	3	9
0	0	0	0	0	0
0	2	1.5	0	1.5	5
0	3	4	0	0	7
0	0	0	0	4	4
					25
0	1	0	0	1	2
0	0	0	0	0	0
0	1	1	0	1	3
93.1	132.3	55.7	13.3	47.1	341.5