	Task Name: (Dependencies top to bottom)	Role	Owner (primary owner) (secondary owners)	Estimated By Task	Effort Subtotals	Actual By Task	Actual Subtotals	Alexa Actual By Task	Tarsus Actual By Task	Ekrem Actual By Task	Dalton Actual By Task	Long Actual By Task	Total
Preliminary & Parallel Tasks	**Architecture**				12		1						
	Design architecture	Project Manager	**Alexa**, Tarsus	12		1		0.5	0.5	0.0	0.0	0.0	1
	Requirements				9		8						0
	Gather	Requirements Engineer	**Ekrem**, Alexa	2		3		1.0	0.0	1.0	0.0	0.0	2
	Analyze	Requirements Engineer	**Long**, Alexa	4		5		2.5	0.0	0.0	0.0	2.5	5
	Specify	Requirements Engineer	**Dalton**, Alexa	3		0		0.0	0.0	0.0	0.0	0.0	0
	Documentation				28		8						0
	Project Charter	Project Manager	**Alexa**, Tarsus	2		2.5		1.3	1.3	0.0	0.0	0.0	2.5
	Release Plan	Project Manager	**Alexa**, Tarsus	2		2.5		1.3	1.3	0.0	0.0	0.0	2.5
	Requirements Document	Project Manager, Requirements Engineer	**Alexa**, Tarsus	5		3		1.5	1.5	0.0	0.0	0.0	3
	Project Plan	Project Manager, Developers	**Alexa,** Long, Dalton, Ekrem, Tarsus	5		0		0.0	0.0	0.0	0.0	0.0	0
	Architecture Document	Architect	**Ekrem**, Long	4		0		0.0	0.0	0.0	0.0	0.0	0
	Test Report	Tester	**Alexa**, Dalton	8		0		0.0	0.0	0.0	0.0	0.0	0
	User Guide & System Admin Doc	Developers, Requirements Engineer	**Tarsus**, Ekrem, Long, Dalton	2		0		0.0	0.0	0.0	0.0	0.0	0
Coding Iteration 1:	**Development**				48		32.5						
	IDE, Local Database Setup (Eclipse, MariaDB, WAMP)	Developer	**Tarsus, Ekrem, Long, Dalton**	8		0.0		0.0	0.0	0.0	0.0	0.0	0
	Language/framework training	Developer	**Tarsus, Ekrem, Long, Dalton**	20		25		0.0	6.3	6.3	6.3	6.3	25.2
	Determine database schema	Developer	Tarsus, Dalton, **Ekrem, Long**	2		3		0.0	1.0	1.0	1.0	1.0	4
	Set up Spring Boot Project in Repo	Developer	Ekrem, **Tarsus**	3		2		0.0	1.0	1.0	0.0	0.0	2
	Set up Angular Project in Repo	Developer	**Tarsus**, Ekrem	3		2.5		0.0	1.3	1.3	0.0	0.0	2.6
	Link local database to Spring Boot project	Developer	**Tarsus**, Dalton, Long	5		0		0.0	0.0	0.0	0.0	0.0	0
	Implement domain objects, data access objects	Developer	**Long**, Dalton	3		0		0.0	0.0	0.0	0.0	0.0	0
	Write basic REST endpoints/controllers	Developer	**Ekrem**, Long	2		0		0.0	0.0	0.0	0.0	0.0	0
	Test basic REST endpoints/controllers	Developer	**Dalton**, Long	2		0		0.0	0.0	0.0	0.0	0.0	0
	Analysis				6		2						0
	System Testing	Tester	**Alexa**, Tarsus	2		0		0.0	0.0	0.0	0.0	0.0	0
	Bug fix as required	Tester, Developer	Long, Dalton, **Ekrem**	2		0		0.0	0.0	0.0	0.0	0.0	0
	Evaluate needs for next iteration	Project Manager	**Alexa, Tarsus**	2		2		1.0	1.0	0.0	0.0	0.0	2
Iteration 2:	**Design**				12		3						0
	Implement any design changes	Project Manager	**Alexa**, Tarsus	2		2		1.0	1.0	0.0	0.0	0.0	2
	Risk analysis	Project Manager	**Alexa**, Tarsus	2		1		0.5	0.5	0.0	0.0	0.0	1
	Create UI design login screen	Project Manager/ Developer	**Long**, Alexa	3		0		0.0	0.0	0.0	0.0	0.0	0
	Create UI design dashboard	Project Manager/ Developer	**Long**, Alexa	5		0		0.0	0.0	0.0	0.0	0.0	0
	Development				15		11		0.0	0.0	0.0	0.0	0.0	0
	IDE, Local Database Setup (Eclipse, MariaDB, WAMP)	Developer	**Dalton, Long, Ekrem, Tarsus, Alexa**	8		5		1.0	1.0	1.0	1.0	1.0	5
	Write basic REST endpoints/controllers	Developer	**Ekrem**, Tarsus	2		0		0.0	0.0	0.0	0.0	0.0	0
	Test basic REST endpoints/controllers	Developer	**Dalton**, Long	2		0		0.0	0.0	0.0	0.0	0.0	0
	Implement domain objects, data access objects	Developer	**Tarsus**, Ekrem	3		0		0.0	0.0	0.0	0.0	0.0	0
	Link local database to Spring Boot project	Developer	**Tarsus**, Ekrem	5		6		0.0	3.0	3.0	0.0	0.0	6

Iteration	Phase	Task	Role	Names	Est	Act						Total
		Implement UI	Developer	**Dalton, Long, Ekrem, Tarsus, Alexa**	5	0	0.0	0.0	0.0	0.0	0.0	0
		Unit Testing	Developer	**Tarsus**, Alexa	2	0	0.0	0.0	0.0	0.0	0.0	0
	Analysis				6	5						
		System Testing	Tester	**Tarsus**, Alexa	2	2	1.0	1.0	0.0	0.0	0.0	2
		Bug fix as required	Tester, Developer	**Dalton, Long, Ekrem, Tarsus, Alexa**	2	1	1.0	1.0	1.0	1.0	1.0	5
		Evaluate needs for next iteration	Project Manager	**Alexa**, Tarsus	2	2	1.0	1.0	0.0	0.0	0.0	2
Iteration 3:	**Design**				16	12	14.5	23.6	15.6		11.8	65.5
		Implement any design changes	Project Manager	**Alexa**, Tarsus	2	2	1.0	1.0	0.0	0.0	0.0	2.0
		Risk analysis	Project Manager	**Alexa**, Tarsus	4	4	2.0	2.0	0.0	0.0	0.0	4.0
		Create UI Design Login Screen	Developer	**Dalton**, Alexa	5	6	5.5	0.5	0.0	0.0	0.0	6.0
		Create UI Design Dashboard	Developer	**Dalton**, Alexa	5	0	0.0	0.0	0.0	0.0	0.0	0.0
	Development				14	12						12.0
		Write basic REST endpoints/controllers	Developer	**Ekrem**, Tarsus	2	1	0.0	0.5	0.5	0.0	0.0	1.0
		Test basic REST endpoints/controllers	Developer	**Dalton**, Long	2	3	0.0	0.0	0.0	0.0	3.0	3.0
		Implement domain objects, data access objects	Developer	**Tarsus**, Ekrem	3	4	0.0	2.0	2.0	0.0	0.0	4.0
		Implement UI	Developer	**Alexa**, Dalton	5	3	3.0	0.0	0.0	0.0	0.0	3.0
		Unit Testing	Developer	**Tarsus**, Ekrem	2	1	0.0	0.5	0.5	0.0	0.0	1.0
	Analysis				7	4						12.0
		Acceptance Testing	Tester, Project Manager	Tarsus, **Long**	3	0	0.0	0.0	0.0	0.0	0.0	0.0
		Evaluate needs for next Iteration	Project Manager	**Alexa**	2	2	1.5	0.5	0.0	0.0	0.0	2.0
		Bug fix as required	Tester, Developer	Dalton, Long, Ekrem, Tarsus, Alexa	2	2	0	1	1	0	0	2
Iteration 4:	**Design**				21	24	42.1	55.3	35.2	9.3	26.6	168.5
		Implement any design changes	Project Manager	**Alexa**, Tarsus	2	4	3.0	1.0	0.0	0.0	0	4.0
		Trigger Table CRUD Popup Component	Project Manager, Developer	**Alexa**, Tarsus, Dalton	4	5	4.0	1.0	0.0	0.0	0	5.0
		Notification Page HTML/CSS Layout	Project Manager, Developer	**Alexa**, Dalton	5	5	4.0	1.0	0.0	0.0	0	5.0
		Dashboard Page HTML/CSS Layout	Project Manager, Developer	**Dalton**, Alexa	5	5	4.0	1.0	0.0	0.0	0	5.0
		Trigger Page HTML/CSS Layout	Project Manager, Developer	**Dalton, Alexa**	5	5	4.0	1.0	0.0	0.0	0	5.0
	Development				27	14						24.0
		Notification Page UI Logic	Developer	**Tarsus**, Long	2	0	0.0	0.0	0.0	0.0	0	0.0
		Trigger CRUD Popup UI Logic	Developer	**Tarsus**, Ekrem	3	0	0.0	0.0	0.0	0.0	0	0.0
		Research unit testing front end/back end	Developer	**Long, Tarsus, Ekrem**	3	7	0.0	3.0	2.0	0.0	2	7.0
		Research/Implement LDAP User authentication & sign in	Developer	**Tarsus**	4	0	0.0	0.0	0.0	0.0	0	0
		Login Page UI Logic	Developer	**Tarsus, Long**	3	0	0.0	0.0	0.0	0.0	0	0
		Dashboard Page UI Logic	Developer	**Tarsus**, Dalton	5	0	0.0	0.0	0.0	0.0	0	0.0
		Write REST endpoint controllers	Developer	**Long, Tarsus, Ekrem**	3	4	0.0	2.0	1.0	0.0	1	4.0
		Unit Testing	Developer	**Tarsus**, Ekrem	2	3	0.0	1.5	1.5	0.0	0	3.0
	Analysis				7	8						
		Acceptance Testing	Tester, Project Manager	Tarsus, **Long**	3	2	0.0	1.0	0.0	0.0	1	2.0
		Evaluate needs for next Iteration	Project Manager	**Alexa**	2	3	2.0	1.0	0.0	0.0	0	3.0
		Bug fix as required	Tester, Developer	Dalton, Long, Ekrem, Tarsus, Alexa	2	3	0.0	1.0	1.0	0.0	1	3.0
Total					191	179	63.1	69.8	40.7	9.3	31.6	238.5

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