

Note: Beyond Iteration 2, nothing is changed.
Task Name: (Dependencies top to bottom)

Up to (bottom)		Role		Owner		Estimated By Task	Effort Subtotals	Actual By Task	Actual Subtotals	Actual Status	Actual					
				(primary owner) (secondary owners)							By Task	By Task	By Task	By Task	By Task	
Preliminary & Parallel Tasks	Architecture	Design architecture	Project Manager	Samuel Lim	10		9.0				4.0	2.0	2.0	1.0	9.0	
	Requirements	Gather	Requirements Engineer	Zachary Zoltek, Samuel Lim	1		1.2				0.3	0.2	0.5	0.2	1.2	
		Analyze	Requirements Engineer	Zachary Zoltek, Samuel Lim	2		0.0								0.0	
		Specify	Requirements Engineer	Zachary Zoltek, Samuel Lim	4		0.0								0.0	
		Documentation	Project Charter	Project Manager	Samuel Lim	1	29	4.0	16.5			1.0	1.0	1.0	1.0	4.0
		Release Plan	Project Manager	Samuel Lim	2		0.7				0.3	0.4			0.7	
		Requirements Document	Project Manager, Requirements Engineer	Samuel Lim, Zach Zoltek	7		6.3				2.0	2.0	2.0	0.3	6.3	
		Project Plan	Project Manager, Developers	Samuel Lim, Alivia Dutcher, Zach Zoltek	5		5.5				1.5	1.5	1.5	1.0	5.5	
		Architecture Document	Architect	Yazdan Riaz, Samuel Lim	4		0.0								0.0	
		Test Report	Tester	Zach Zoltek, Samuel Lim	8		0.0								0.0	
		User Guide & System Admin Doc	Developers, Requirements Engineer	Alivia Dutcher, Yazdan Riaz, Zach Zoltek, Samuel Lim	2		0.0								0.0	
	Coding Iteration 1:	Development				47		17.0								0.0
			Determine technology needs	Developer	Alivia Dutcher, Yazdan Riaz, Zach Zoltek, Samuel Lim	2		1.7			IP	0.6	0.4	0.5	0.2	1.7
			Research and learn new language and environment	Developer	Alivia Dutcher, Zach Zoltek, Samuel Lim	15		13.0		Done		4.0	3.0	3.5	2.5	13.0
			Set up double proxy for HTTP server	Developer	Alivia Dutcher	2		0.8		Done		0.5		0.3		0.8
		Set up autocd tooling for CI pipelines	Developer	Zach Zoltek	1		0.6		Done		0.3	0.0	0.3	0.0	0.6	
		Implement foundational HTTP logic	Developer	Alivia Dutcher	12		0.3		IP		0.3				0.3	
		Create HTTP handling code (client)	Developer	Alivia Dutcher	4		0.3		IP		0.3				0.3	
		Write user token handling locally	Developer	Yazdan Riaz	1		0.0		Todo						0.0	
		Write code for managing HTTP session	Developer	Zach Zoltek	6		0.0		Todo						0.0	
		Unit Testing	Developer	Zach Zoltek, Yazdan Riaz	4		0.3		IP			0.3			0.3	
		Analysis				10		5.2			0.5	0.5	0.5	0.2	1.7	
		System and Environment Testing	Tester	Zach Zoltek	2		1.7		Done		0.0	0.0	0.0	0.0	0.0	
		Bug fixes as required	Tester, Developer	Alivia Dutcher, Zach Zoltek	3		0.0		N/A		2.0	0.5	0.0	0.5	3.5	
		Evaluate needs for next iteration	Project Manager	Samuel Lim	5		3.5		Done						0.0	
Iteration 2:		Design				15.5		7.0				0.5	0.5	0.5	-	1.5
		Implement any design changes	Project Manager	Samuel Lim	3		1.5		IR		1.0	1.0	1.0	0.5	3.5	
		Risk analysis	Project Manager	Alivia Dutcher, Samuel Lim	4		3.0		Done		-	-	-	-	0.0	
		Design container format (schedule)	Developer	Alivia Dutcher, Samuel Lim	2.5		0.0		Todo		-	-	-	-	0.0	
		Design drop-in format parsing	Developer	Alivia Dutcher, Samuel Lim	4		0.0		Todo		-	-	-	-	0.0	
		Create UI design for main page	Developer	Zach Zoltek	2		2.0		IP		0.5	0.8	0.8	-	2.0	
		Development				11		6.4			1.2	1.2	1.2	1.0	4.6	
		Review requirements	Developer	Alivia Dutcher, Zach Zoltek, Samuel Lim	4		4.6		Done		0.8	-	-	-	0.8	
		Connect client and session HTTP logic	Developer	Alivia Dutcher, Zach Zoltek	2.5		0.8		IR		-	-	-	-	0.0	
		Handle basic token generation	Developer	Yazdan Riaz	1		0.0		Todo		-	-	-	-	0.0	
		Implement design structure for main	Developer	Zach Zoltek	2		0.0		Todo		-	-	-	-	0.0	
		Unit Testing	Developer	Zach Zoltek, Yazdan Riaz	1.5		1.0		IP		0.5	-	0.5	-	1.0	
		Analysis				7		4.7			0.5	-	1.0	-	1.5	
		System and Environment Testing	Tester	Zach Zoltek	2		1.5		IR		0.0	0.0	0.0	0.0	0.0	
		Bug fix as required	Tester, Developer	Alivia Dutcher, Zach Zoltek	2		0.0		N/A		1.2	1.2	0.5	0.3	3.2	
	Evaluate needs for next iteration	Project Manager	Samuel Lim	3		3.2		Done						0.0		
Iteration 3:	Design				13		2.5				0.1				0.1	
		Implement any design changes	Project Manager	Samuel Lim	2		0.1		IP		0.3	0.3	0.3	0.0	0.9	
		Risk analysis	Project Manager	Samuel Lim, Alivia Dutcher	4		0.9		Done		0.0	0.0	0.0	0.0	0.0	
		Create UI design for main page	Developer	Zach Zoltek	4		0.0		IP		0.0	0.0	0.0	0.0	0.0	
		Design data structure for schedule constraints	Developer	Alivia Dutcher	3		1.5		IR		0.5	1.0			1.5	
		Development				18.5		4.0				4.0			0.0	
		Review requirements	Developer	Alivia Dutcher	4		4.0		Done						4.0	
		Develop code for processing scheduling data	Developer	Alivia Dutcher, Samuel Lim	3		0.0		IR		-	-	-	-	0.0	
		Implement client-API integration	Developer	Yazdan Riaz	6		0.0		Todo		-	-	-	-	0.0	
		Display scheduling information	Developer	Alivia Dutcher	4		0.0		Todo		-	-	-	-	0.0	
		Unit Testing	Developer	Zach Zoltek	1.5		0.0		IP		0.0				0.0	
		Analysis				4		0.0							0.0	
		Acceptance Testing	Tester, Project Manager	Zach Zoltek, Samuel Lim	2		0.0		IP						0.0	
		Bug fix as required	Tester, Developer	Alivia Dutcher, Zach Zoltek	2		0.0		N/A						0.0	
		Evaluate needs for next iteration	Project Manager	Samuel Lim	3		3.2		Done						0.0	
Iteration 4:	Design				10		8.0				3.0	-	-	-	3.0	
		Implement any design changes	Project Manager	Samuel Lim	2		3.0		IR		1.0	1.0	1.0	0.5	3.5	
		Risk analysis	Project Manager	Samuel Lim, Alivia Dutcher	4		3.5		Done		-	1.5	-	-	1.5	
		Create UI design for main page	Developer	Zach Zoltek	4		1.5									
		Development				28.5		15.3			1.5	1.5	1.0	-	4.0	
		Review requirements	Developer	Alivia Dutcher	2		4.0		Done		2.0	1.0	-	-	3.0	
		Develop code for processing scheduling data	Developer	Alivia Dutcher, Samuel Lim	6		3.0		IP		-	-	-	-	0.0	
		Implement client-API integration	Developer	Yazdan Riaz	6		0.0		IP		0.6	1.0	-	-	1.6	
		Display scheduling information	Developer	Alivia Dutcher	4		1.6		IR		0.2	-	-	-	0.2	
		Unit Testing	Developer	Zach Zoltek	1.5		0.2		Done		1.5	1.5	-	1.0	4.0	
		Relational DB and Data Access Layer Setup	Developer	Zach Zoltek	3.5		4.0		IR		0.3	1.0	-	-	1.3	
		Create UI design for main page	Developer	Zach Zoltek	3.5		1.3		Done		0.4	0.4	0.4	-	1.2	
		Integration Testing	Developer	Zach Zoltek, Alivia Dutcher	2		1.2		IR							
		Analysis				6		3.1			0.5	0.5	-	-	1.0	
		Acceptance Testing	Tester, Project Manager	Zach Zoltek, Samuel Lim	2		1.0		Todo		0.2	0.2	-	-	0.4	
	Bug fix as required	Tester, Developer	Alivia Dutcher, Zach Zoltek	2		0.4		Done		0.5	0.5	0.5	0.2	1.7		
	Module triage	Tester, Developer	Alivia Dutcher, Zach Zoltek	2		1.7		Done						0.0		
Iteration 5:	Design				5.5		11.7				0.5	-	-	-	0.5	
		Implement any design changes	Project Manager	Samuel Lim	2		0.5		IR		0.3	0.3	-	-	0.5	
		Risk analysis	Project Manager	Samuel Lim, Alivia Dutcher	1		0.5		Done		5.0	-	-	-	5.0	
		Finalise schedule UI actions	Developer	Zach Zoltek	1		5.0		IR		4.2	1.5	-	-	5.7	
		Design final conflict representation in UI	Developer	Alivia Dutcher	1.5		5.7		IR						0.0	
		Development				6.5		6.3			2.0	1.0	-	-	3.0	
		Review requirements	Developer	Alivia Dutcher	1		1		Done		2.0	1.0	-	-	3.0	
		Develop generic constraints for scheduling engine	Developer	Alivia Dutcher, Samuel Lim	2		3.0		N/A		1.0	-	-	-	1.0	
		Finalise database profile saving	Developer	Yazdan Riaz	1		1.0		IR		1.0	-	-	-	1.0	
		Implement client live-loading	Developer	Zach Zoltek	1.5		1.0		N/A		0.3	-	-	-	0.3	
		Unit Testing	Developer	Zach Zoltek, Samuel Lim	1		0.3		IP						0.0	
		Analysis				7		3.2			1.0	1.0	-	-	2.0	
		Acceptance, Performance, Regression Tests	Tester, Project Manager	Zach Zoltek, Samuel Lim, Alivia Dutcher	6		2.0		IP		0.7	0.5	-	-	1.2	
		Bug fix as required	Tester, Developer	Alivia Dutcher, Zach Zoltek	1		1.2		IP							
	Total					235.5	235.5	123.1	121.1			54.4	36.8	21.6	10.4	123.1