

Task Number		Task	WEEK 4					WEEK 5					WEEK 6					WEEK 7					WEEK 8					WEEK 9					WEEK 10					WEEK 11					WEEK 12								
			M	T	W	R	F	M	T	W	R	F	M	T	W	R	F	M	T	W	R	F	M	T	W	R	F	M	T	W	R	F	M	T	W	R	F	M	T	W	R	F									
1	Service Selection and Creation																																																		
1.1	Object Store - MinIO																																																		
1.2	Event Queue - Kafka																																																		
1.3	Antivirus - ClamAV																																																		
1.4	Metric Collection - Prometheus																																																		
1.5	Data Visualisation - Grafana																																																		
1.6	Audit Log Store - PostgreSQL																																																		
2	Aegis Module Design and Cration																																																		
2.1	Create Project structure																																																		
2.2	Setup version control																																																		
2.3	Structured Logging																																																		
2.4	Configuration																																																		
2.5	Makefile																																																		
3	External Package Integration																																																		
3.1	MinIO																																																		
3.2	Kafka																																																		
3.3	ClamAV																																																		
3.4	Prometheus																																																		
3.5	PostgreSQL																																																		
4	Aegis' Internal Workflow																																																		
4.1	Metrics and Collectors																																																		
4.2	Event Manager																																																		
4.3	Object																																																		
4.4	Object Store																																																		
4.5	Object Scanner																																																		
4.6	Cleanup Policies																																																		
4.7	dispatcher																																																		
4.8	main.go																																																		
5	Testing																																																		
5.1	Create mocks																																																		
5.2	Writing unit tests																																																		
6	Kubernetes Deployment																																																		
6.1	Setup and Install K3d, k8s and helm																																																		
6.2	Containerise Aegis																																																		
6.3	Adding dependencies																																																		
6.4	Internal configuration																																																		
6.5	Exposing services																																																		