Marking Criteria

Level	Requirements	Difficulty	Weight
Level One-Service One	Setting up opentel sdk with application	Easy	15%
	Setting up Service one api	Easy	
	Setting up Service one Instruments	Easy	
	Setting up Service one Exporter	Easy	
	Setting up Service one to propagate network-distributed trace	Medium	
	Make custom trace in api level and export to jeager/anytool	Medium	
Level One - Service Two	Setting up opentel sdk with application	Easy	20%
	Setting up Service two api	Easy	
	Setting up Service two Instruments	Easy	
	Setting up Service two Exporter	Easy	
	Setting up Service two to propagate network distributed trace	Medium	
	Make custom trace in api level and export to jeager / anytool	Medium	
Level Two	Context Propagation via HTTP header from Service One to Service Two	Medium	25%
	Context Propagation via rabbitMQ header from Service One to Service Two	Hard	
	Collect Trace and span in service one and service two separately	Medium	
	Collect Trace and span in service one and service two separately and connect them in parent-child relation	Medium	
	Show Span and traces in a visual tool like jeager	Medium	
	Prepare at a scenario where your collected trace and spans can help business / tech of a team / company	Hard	
Level Three	Instrument Redis	Easy	40%
	Instrument Mongodb	Easy	
	Instrument MySQL	Easy	
	Instrument postgres	Easy	
	Show service level delay at each layer and attach custom data with trace and spans from these instruments	Medium	
	Establish metric data collection system via Prometheus or similar tools (Setup)	Medium	
	Send metrics data to a metric backend system like grafana	Medium	
	Prepare a scenario where you can find our system performance from your collected metrics (custom metrics)	Hard	
	Prepare a scenario where your collected metrics & traces altogether can be useful to team/system/company	Hard	