Т	IMESHEET FOR MINICLIP CHALLENGE			
TARGET 1				
	ic Erlang project processing only one msg			
Tasks	Description	Duration (h)		
Basic Erlang Project	Basic project with supervised gen_server	0.5		
Reading and Understanding the challenge	Extract all requirements from the challenge description and create next tasks.	1		
AWS SQS	Understand what is the AWS SQS and using erlcloud api implement the functions read and write	3		
Apple Receipt Verification	Understand how the validation process is performed and create a method to validate (use the receipt example from description)	2		
DynamoDB	Understand how the database works and using the erlcloud api create methods to create the database, read, write and query.	3		
Consolidate all operations	Using the result of the previous tasks, create the complete sequence for reading, validating and posting the read message from AWS SQS	2		
	SUBTOTAL	11.5		

	TARGET 2			
Server consuming and processing the received receipt				
Tasks	Description	Duration (h)		
AWS SQS Message Consumer	Modify gen_server to be the message reader only and, if the received message is OK, use a supervisor simple_one_to_one to create a gen_server to process the receipt	3		
Message Process	Create, from the target 1, a supervised generic server that will execute the whole message validation.	4		
Explore servers behaviours	Using the server, try to identify possible corner cases in the server as load, parallel access, maximum number of messages,etc	2		
	SUBTOTAL	9		
	TARGET 3			
	mented software Testing and documentation			
Tasks	Description	Duration (h)		
Unit Test	Using erlang common test api, write unit test to the whole receipt validation process.	10		
CloudFormation Study	Study how to create cloud formation templates	2		
CloudFormation Implementation	Implement the cloudformation template and update the code if necessary	3		

TARGET 4				
Exporatory tests, questions, documentation				
Tasks	Description	Duration (h)		
Exploration tests (Deploy)	Execute server using real connection with AWS, exercise some messages storm, try to identify server behaviours and possible bugs	2		
Discussion points	Prepare discussion and include at git repository	4		
	SUBTOTAL	6		
	TOTAL PROJECT TIME (in hours)	41.5		