

## TIMESHEET FOR MINICLIP CHALLENGE

## TARGET 1

## Basic Erlang project processing only one msg

[illegible]

<b>TARGET 2</b>		
<b>Server consuming and processing the received receipt</b>		
<b>Tasks</b>	<b>Description</b>	<b>Duration (h)</b>
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
	<b>SUBTOTAL</b>	9
<b>TARGET 3</b>		
<b>Implemented software Testing and documentation</b>		
<b>Tasks</b>	<b>Description</b>	<b>Duration (h)</b>
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
	<b>SUBTOTAL</b>	15

<b>TARGET 4</b>		
<b>Exporatory tests, questions, documentation</b>		
<b>Tasks</b>	<b>Description</b>	<b>Duration (h)</b>
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
	<b>SUBTOTAL</b>	6
	<b>TOTAL PROJECT TIME (in hours)</b>	41.5