**Summary:** In the upcoming lines we will explain with in-depth detail the previous working difficulties within Guided Workflow Team, the developing process and motivations to create the current solutions. In the next stages of the document we try to cover the scenario in the following steps:

**Current state:** Defines the stages of the tasks we go through and the time it takes for each individual process to get completed.

**Development:** Is this section we talk about the applications that Guided Workflow designed to carve through the issues on the current state and simplify the processes.

**Problem statement:** Talks about the current challenging scenario we are facing while going through the development phase of the new web-hosted app.

**Current State:** Within the GWF Team, in order to create/onboard or maintain a flow, we go through several tasks to achieve a successful result.

1. Queue Onboarding: Whenever creating a workflow to onboard a new queue or function, we engage with GPO’s to understand their requirements, as part of the onboarding, GPO’s will point out SME’s within the Function that will provide to us direction in terms of the questions to be implemented on the new onboarding, in order to meet the GPO’s needs for the function. The outcome of this process it’s a Source File (Queue’s questions and answers) that the GWF Team later uses to keep track of the flow and manage updates to it if required in the future. With the created Source File, the GWF Team creates the flow on a backend web-hosted application known as Albacore. After setting the flow on Albacore, the flow is later requested to be mapped to its respective queue so that later on, the investigators are able to see it, and follow along.
2. Flow Maintenance: After a flow has been launched to its belonging queue, depending on how the marketplace evolves, there are changes that are required in order for the workflow to be updated to its correspondent market nuances. This process involves requests either from the market’s SME’s or GPO’s. The requested changes, after receiving approval, are then updated on the Source File and then on Albacore so that the front-end workflow on Nautilus can reflect the updates for the investigators.

Based on the previous context for how the team handles requests, here are the obstacles we encountered while following the process:

1. Queue Onboarding: After creating a Source File, depending on how long the flow is, the set-up on the Albacore web-app was a very time-consuming process. Adding to this particular scenario, a standard format for the Source File was not stablished within the Team, which lead to inconsistencies across the created Source Files on different flows.
2. Flow Maintenance: Maintaining a flow opened a series of issues within our Team due to how changes were handled. If the workflow change was a small requested, Admins used to just go to