Aegon Requirements Gathering:

**Date**: 25/06/2024

**Time**: 10:00-10:30am

**Location**: Remote

**Attendees**: Sadie Joelson-White (BA), Gabriella Sanchez (Product Owner, Scrum Master), Martin Beard (Key Stakeholder)

**Meeting Objectives:**

* Run through questions from Requirements Gathering Document

**Next Steps:**

* Find dataset – key – we will be able to move forward once we’ve found a good dataset, and we’ve developed a basic narrative/ understanding of what we want to do with the data
* Dataset needs to be wide and long – deep enough to have records and variance, i.e. not a snapshot
* Raw data to drill into, but not such a vast amount that would waste time
* Reach back out to Martin and go through requirements

**Following Meetings:**

Tomorrow/this afternoon – run through requirements again

**Any documents or presentations referenced during the meeting:**

[**Requirements Gathering1.docx**](https://testingcircle-my.sharepoint.com/:w:/r/personal/sjoelson-white_spartaglobal_com/Documents/Requirements%20Gathering1.docx?d=wc0f8fe0daa80446792a86ef159d082fd&csf=1&web=1&e=ujpmxn)

**Questions:**

**Dashboard: Is this the main interface that shows risk assessments or just a display?**

**Martin**: Speed is the most important thing here – we do not want to overdevelop something and run out of time. We want something that works within the time frame.

* + **Main Points:**
    - We need to show:
    - What is the risk analysis geographically? Time of day? Weather conditions?
    - Essentially: we need to pull patterns out of the data, and show the associated risk levels of certain areas or hotspots
      * Insurance Point of view: will this affect premiums, where do people live? For example: cities may have more accidents /incidents
      * Look into areas by using zip code or postcode ( just to note -partial postcode can be used to find a 1 mile radius of an area)

*Examples*:

* + We may want to break it down by vehicle type – commercial vehicles may be more prone to accidents in certain spots?
    - We may want to add functionality to expand or reduce radius to search desired area
      * This will allow for look at potential hotspots per area, and for hotspots per time of year etc (winter vs summer)

**Please note – this is data dependent**

* Starting backwards:

Find the dataset > we find a coherent story/narrative > front/backend

* Keep a note of what we put in and what we removed
  + Why we prioritised/our rationale behind these decisions
* Throughout the week, we need to have conversations with Martin to keep him posted on elements we are dropping/not dropping

**Who are the Primary Users?**

Question: Is this purely from an Insurance point of view (a tool for internal teams) or is it for Insurance Policyholders/Customers? Who is the heatmap/risk visual directed towards?

* **Martin**: We have the ability to make the decision on whether it will be public (for customers to check on whether their premiums will increase/decrease)
  + Alternatively, it could be a technical tool for insurance professionals (used to figure out how they are calculating risk in different areas)
  + ***Note: If we have lots of technical data we could do this (make it a technical tool), but if we don’t have that and we are keeping it fairly simple, could make an app for educational purposes (for the customer).***

**Data specific questions:**

**Question: Is it up to us to find the datasets?**

* + If we can’t find any, just let them know

**Some good places to look:**

* + DVLC/ DVLA – stats in this company
  + American open – freely available – individual states as well as opposed to national
* Is it only related to US? - one link not 2 specific datasets?
  + Need to narrow it down and find a dataset for US
  + Use the data with the most spread - so we can find the best story and run with that
  + Use GenAI – look across Europe, UK, South America, Canada – language may be a problem so don’t get bogged down in translation and such

**Performance and Scalability:**

* How many users should the app support? 3 to 4 users at this moment in time
* What is an acceptable response time for data queries? - **Martin**: Acceptable time to work during a demo – reasonable frame of time – 200 milliseconds.
  + If there is a slight delay, audience will accept because it is a prototype
  + **Speed of system is not necessarily important in this stage**

**Front end:**

* No specific design requirements just yet, as we need to figure out the data/narrative first

**Legal:**

* There are not any legal requirements that need to be met. Especially not gov. data (from the states, individual data)