**Data entry part (“Main” sheet in Starlink excel document. Additional info in “Closed Tickets” and subsequent individual site sheets)**

* Form Portion and Ticket Portion

Form ::

* Date is automatically set to current date
* Client dropdown – seadrill, harvest
* Sites change based on client selection
* Kit numbers change based on site selection
* Within each kit, speed, poor cable, update pending, obstruction, login issue (if not green, then warning box turns yellow informing user to “check tickets and verify if a ticket is already open. If not please open a new ticket”) – see in “Main” sheet, when selecting anything except the expected entry {1gbps, no, no, no, no} box in top right turns yellow. Just need some warning system like this.
* After clicking save, it saves it to the database and the fields are cleared.

Tickets ::

* Ticket portion to data entry, where the user can input {date, ticket number, location, WAN, and reason}
* When the form is saved, if there are any tickets that have been entered in here, it adds it to the active tickets section.
* Tickets in the active section, need to be able to be closed. When they get closed, they need to get moved somewhere else labelled “Closed Tickets”

**Reports (“Reports” sheet in Starlink excel document)**

* Table component and pie chart component
* Table component pretty much exactly like how reports sheet currently is. You select the time period you’d like to generate a report for. Then the report is generated. This report consists of 2 main components. The table like you currently see in the Starlink excel document, where it lists all the data points of every site, highlighting the data that needs to be flagged appropriately (yellow, orange, red, etc.).
* But also generate a pie chart for each site that’s had an issue in that report, and how many times something got flagged. Ie, select last 7 days, generates table displaying data like in reports sheet, then any site that had issues flagged in that report, also generate a pie chart that displays a visualization of those issues (x site hit 100 mbps this many times over y time)
* The pie chart visualizes the percentage of how much time was spent having x issue. 30% of the time this month this site was having issues with this.
* Options for report generation are {last week, last month, last 12 months}
* Option after report generated, to export to pdf.

General Notes ::

* Excel document is not a template but a guide
* Feel free to take your own creative liberties if you feel you understand the goals
* Feel free to ask questions, and we can continue to refine and make updates as needed
* Needs to be on a docker, and run locally on a VM, so it is lightweight and accessible with no exceptions