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Web GIS
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Summary

The web app is a customer and asset management app for Cello Chocolate. It is expected to provide a number of functionalities. Track current farms they buy from existing or new small cacao farmers that they may want to work with. Track weather and potential disasters that could damage the farmers. Provide assistance in tracking orders for future analysis. Track assistance provided to any farmers that were affected by disasters.

To allow for this functionality the app includes, the editor widget, the incident widget, the help widget, and Living Atlas layers with hurricane and earthquake data. The editor widget allows users to create new data, the incident widget provides weather data.

Main issues encountered were using relationship classes in ArcGis Online. Using the Editor widget for non-spatial related tables and properly displaying all the data in the app. Main takeaways were, every non-spatial table should be related to a spatial table, for ease of use and understandability with the editor widget. The editor widget will repopulate all "related" fields to maintain integrity. The incident widget does not work well with multiple layers of data.