* It would be easiest to work off of a local file, but this complicates distribution as a package to new people
  + Could allow file upload, but that’s annoying
  + It’s really only a pain for initializing… Options would be:
    - Specify the file location when calling the app (also kind of annoying)
      * Can this be stored somewhere the package can read?
    - Upload file
    - Start naïve? Seems senseless though
      * On start up if there’s no existing database, it could create the file and have the option to save it somewhere?
    - Have an option where the user can either

1. Use the internal data which will store it for a user
2. Use external data which can be specified

* It would be possible to use data stored within the package locally, but this makes it difficult to share between users when multiple people may enter the outbreak
  + Could potentially use internal with an option to import/export to external
  + Maybe specify the external location once and write that to a data value in the package that gets remembered across sessions
    - Would need to have a mechanism to update the value
    - There should be a backup created at the beginning of the session or possibly stored locally so it’s easier to restore
    - A check would need to be done to make sure the value exists (e.g. may be problematic if there’s no internet connection)
  + The data format could be .parquet and leverage the arrow package, which should simplify the data handling
* It would be nice for the package to autofill or have a look up for facilities
  + Probably at least two sheets, one lookup for facilities, one for the actual outbreaks
* Much of this is problematic with read/write on our systems
  + An rda file would skirt the issue, but it’s tough for people who don’t use R
  + tools::R\_user\_dir("pkg", which = "data") [which can be data/config/cache]
* The organism list should update automatically based on previous entries to the app
* There should be a check to make sure the address and facility name are unique… if duplicated flag it
* There should be options to add additional affected units or floors…
  + Probably each unit or declaration should have its own section with a date declared/end date
  + The end date by section should probably be soft…