**Instructions – Liver clinic display**

**To run the scripts:**

1. **Install the xampp with the nafldajax folder in htdocs**
2. **In the xampp folder, click on xampp start. It will pop up a cmd window showing it starting. NB: nothing can be running on port 80 or it will not start.**
3. **Open the file liverdisplay.html in a browser**
4. **Click the button at the top, and use it to open one of the text files (liverdata1.txt etc.)**
5. **The data will open and show the data in the sparklines and cards.**

**NA screenshot of a computer

Description automatically generated**

**AS the file is just in html and javascript, it runs without internet or access to a server. This was an important design thing so that we have no issues of privacy or security. In practice the deidentified data file will just be on the tablet and run on it. If you think of other ways to do this please let me know; I realize it is clunky.**

**Notes: we want the sparklines to be compact so they can all fit in the 7 or 8 panels on the page, along with the medications etc. Note that if you mouseover a sparkline it gives the exact value as a tooltip.**

**Some measures in the liver panel are calculated – you will see this in the code.**

**We will not do the PROMIS panel.**

**Obesity – this does not require a green background ‘normal range’ as we can just state their weight in lb or kg, the BMI has the normal range green background.**

**NB: the doctor has said now we just need the most recent 3 years of data. So you could incorporate that while writing queries.**

**The data is given to us weekly as csv files, which have the same names as the tables. I exported the db structure, in the file NAFLDdb.sql, attached.**

**one thing I forgot to mention is we need some sort of logging, especially to keep track of how long they spend looking at the display, and while it is only 1 page, if there is navigation (if we have to make it 2 pages or something) where they went.  So if it can fire off a log line when they open a patient's data, and then another when they leave it, that would be good.  In the study we are going to compare the times they spend using the display with the logfiles of the regular EHR system to find out if time is saved etc.**

**A couple of other things we need to put in 🙂 - not the questions, but summarizing the answers in a short section (we already have a section for smoking history/alcohol history; this just has more measurements).  You can improvise how to show it in a compact form.**