**Meeting Time:** 2:00 -3:00 pm March 13, 2023

**Attendees:** Xia Jiang, Zhen Yang

**Meeting agenda**

1. Tested iMedbot for new work done last week.
2. Provided feedbacks and written comments based testing.
3. New work assignment.

**Comments**

Feedbacks from Dr. Jiang based on the new test done today.

1. It is nice to have a title in the graph, but it could be better if the title shows more information specific to the content showing in the graph, in addition to the name of the chart type. See screenshot below.

Graphical user interface, chart

Description automatically generated

1. The new progress spinner is nice. But I just noticed that a message (see screenshots below) constantly showing, asking user to respond. Two possible solutions: 1) consider removing the message all at once or elongate the time between the two occurences; 2) Adding a word or sentence in a noticeable place to explain what is going on and why the program is running so low.

Graphical user interface, application, Teams

Description automatically generated

Graphical user interface, text

Description automatically generated

1. During this test, the save (image) button did not work, and I was not able to find the saved figures in the default download folder. Please check on this everywhere that contains the same function.
2. Noticed that a “png” file is automatically saved in “download” folder. I wonder can we allow the user to save it into other formats such as a pdf. Can we guarantee the resolution (>=300 dpi) for the figures saved? In my understanding, to improve the dpi values, you might need to add instructions in your python codes. I can’t test it today because it did not work to save a Shap plot. But it did work with ROC curves. Please fix the problem everywhere it applies.
3. Based on today’s testing, the resolution of ROC\_curve is improved and be fixed to 300 DPI. I wonder whether we can add a list of choices for user to select their preferred dpi where an image is expected to be generate such as when a ROC or a Shap is expected to be plotted. For example, we can include 500 dpi on the list. Please the current range of dpi that python can handle.

Graphical user interface, text, application, chat or text message

Description automatically generated

Graphical user interface, chart, line chart

Description automatically generated

1. Tested error reporting. Suggest that we can catch more detailed information about the error reporting at the Trello board, such as the reporter’s user name, time, at what section of our program, and etc. See screenshots below.

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application

Description automatically generated

**Specific tasks before next meeting.**

1. iMedbot based on Dr. Jiang’s new comments as shown above.
2. Search more real datasets concerning breast cancer and breast cancer metastasis in biomedical including genetics. For example, look into CMap, and all of us. Make a summary report for your findings and update it at the end of each day.
3. Once 1. Above Is finished, please do more testing and pay attention to not just the flow of the software, error handling, and the correctness of the results. Apply HCI everywhere as it fits. Record your improvements and report to me next meeting.

**Less urgent tasks**