**Meeting Time:** 2:00 -3:00 pm March 27, 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. Suggest to make these changes for the ROC curve plot: 1) ROC should be capital case. 2) “Mean Validation ROC” should “Mean Validation AUC”. 2) (area=0.6821) should be (0.6821) because AUC means the “area under the curve”.

Chart, line chart

Description automatically generated

1. The repeated “page unresponsive” warnings still exist for the function of testing new patients and plotting Shap (please the screenshot). Please resolve, and check and make sure it won’t appear everywhere a spinner is involved.

Graphical user interface, application, Teams

Description automatically generated

1. Suggest to explain what the “resolution” selection is about (see the screenshot) below. We can say something such as “Select the resolution you would desire for the figure produced by this operation”.

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

Description automatically generated

1. The heatmap plot I tested showed errors (see the screenshot below). Please fixed the errors (the overlaps on the right side of the figure). And Please explain what are the black bars on the right side. Please check carefully all possible figures to make sure no such errors shall occur again.

Chart, bar chart

Description automatically generated

1. The position of the plotted figure needs to be well balanced. For example in the heatmap plot generated below, the top space is way bigger than the spaces for the other three sides. In fact, the other three sides have practically no space. In the decision plot generated below, there is no spacing at all for all sides. Please fix this for all figures we shall generate.

A picture containing table

Description automatically generated

**Specific tasks before next meeting.**

1. Refine iMedbot based on Dr. Jiang’s new comments as shown above.
2. Remove the redundant datasets in the dataset folder, and add the new datasets you found.
3. When user upload their local datasets for using the “model training”, you said you have done a lot of manual work to revise the dataset. You should work on adding features that allow the data error checking ahead of time (for example, if there are a lot of missing values you could provide methods to fill in missing values), automatic reformatting of the user dataset so that the iMetbot can recognize and use it, and etc.
4. 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**