# **Scrum Report 10/23**

**Have we talked to the client recently? When are we meeting with them next?**

* We met with the project manager and client on 10/20. During the meeting, we discussed the availability of our codes and ideas. However, our project manager pointed out problems about what we did last week and gave us recommendations. Next meeting will be at 10/27.

**What have we worked on?**

* We first categorized variables of Content Types, Device, and Channel. Categorization will help us to visualize the data set and will be easier for us to find predictions.
* We also deleted NaN values in the dataframe by finding the MAX of each variable and replacing NaN value with the MAX value. We did not use mean and median because we want to see the tendency and avoid getting outliers.
* Thirdly, we create a new dataframe called open\_time with User Id, Activation Date, and Activity Date. We want to use this table to find relationships between dates and users.
* In order to find the relationship, we found the time lag between Activation Date and Activity Date and added as a column time\_lag in open\_time.

**What will we be working on next?**

* We plan to find relationships between users and the time difference of Activity Date and Activation Date.
* We will mainly focus on the users who have a completion rate of 100. We will see what tendency these users have and see if we can create a tendency dictionary for each user.

**Have we run into any issues? Do we need help?**

* While using the User Id entry, we found that there are 9 rows called “Flipbook”. We do not understand the meaning of it and need clarification from our client.
* We have mentioned this problem to the client, and hopefully will get an answer soon.