Team:

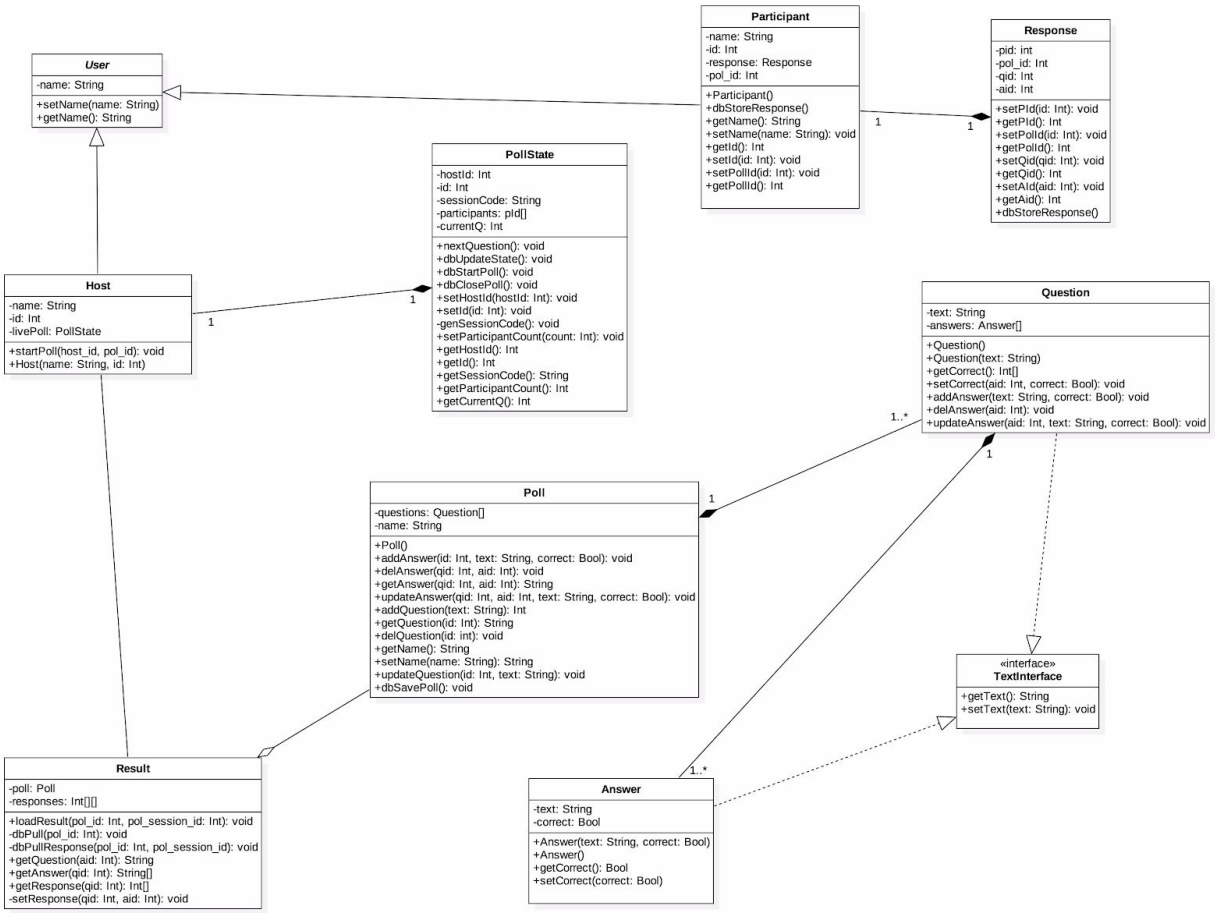
- Lauren Raddatz,
- Brandon Aguirre
- Marco Ortiz Torres

Vision: Create a virtual polling system to replace iClickers.

Project Description: A web application which allows users to connect live to a central host and answer questions created by the host (similar to iclicker).

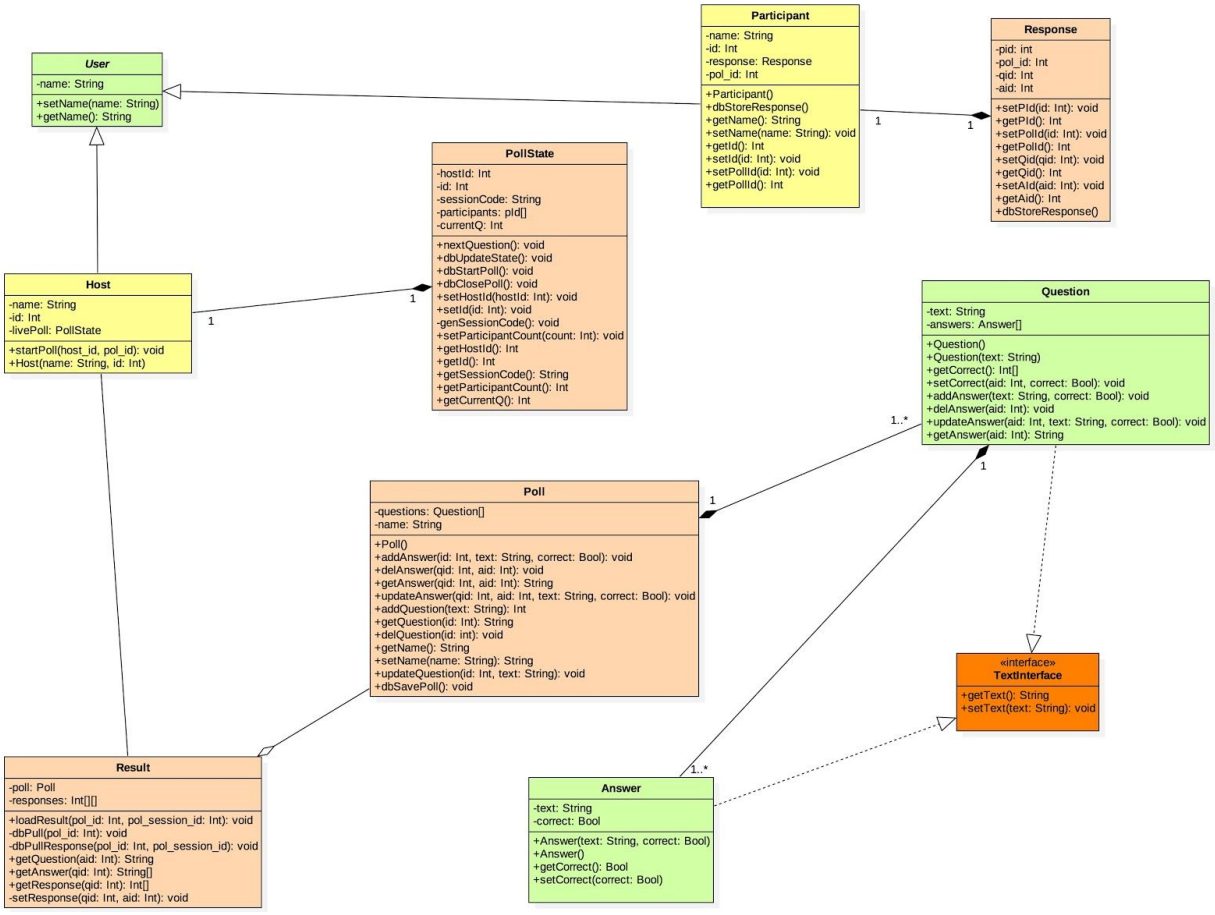
Previous Class Diagram:

We received no feedback on our previous class diagram, so it is the same as our previous submission.



Completed Class diagram:

In green we have all the finished classes, yellow are the classes that are currently being worked on, and orange are the classes that have yet to be worked on. TextInterface is in bright orange, because it will no longer be implemented (due to python not having interfaces).



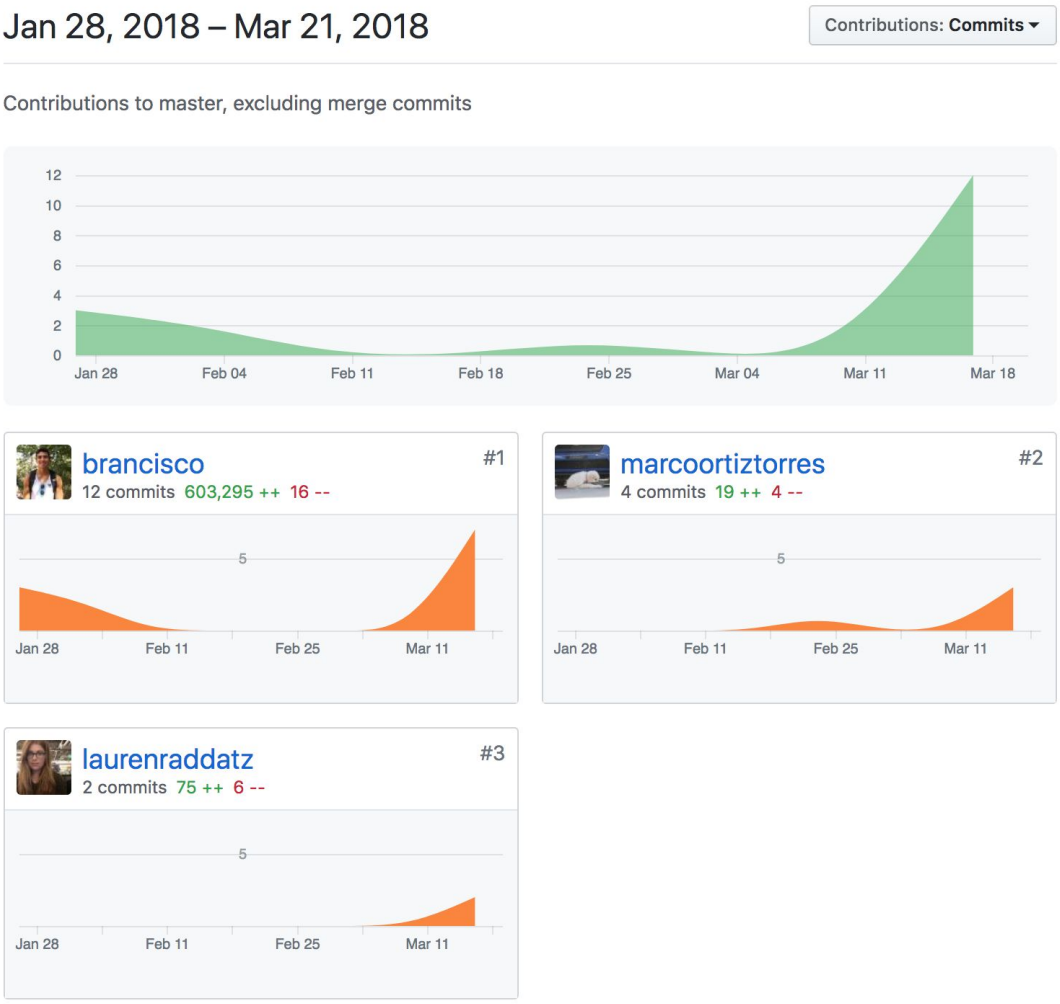
Breakdown of Work:

Brandon set up the Django template and skeleton code. He also started working on building the user interfaces for the project.

Marco worked on implementing the classes into Django.

Lauren worked on implementing the classes into Django as well as scoping out the front-end work needed.

GitHub Graph:

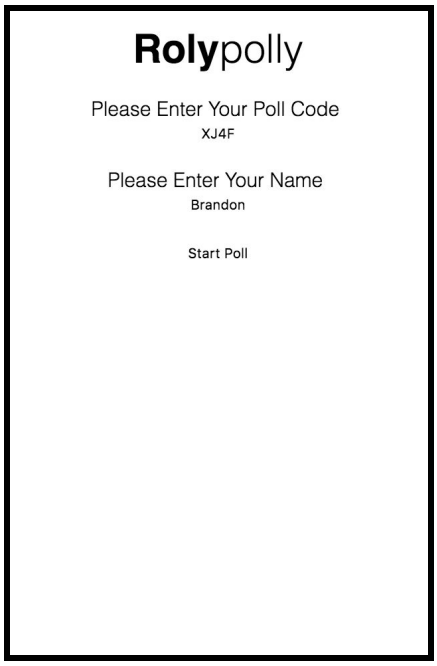


Estimate Remaining Effort:

Up to this point, our group has had a heavy with midterms for the past couple weeks. We still have a large portion of the project to complete. We are exploring Django currently to learn how to implement and integrate our classes with Django's. For example, the Django's model will affect the way that our classes that access the database.

We have noticed that some of our classes might benefit by breaking them up to better align with the single responsibility principle. For example, some of our classes have methods that have to do with the database. We are looking into how Django's model class can help use break those methods out to better follow this principle.

Below is a screenshot of basic HTML / CSS rendering of our welcome page. A participant will interact with this page. When they click submit, the results will be sent and uploaded into a participant model class to store into DB.



Next Iteration:

For the next iteration, we expect to have the following finished; Participant, Response, Host, Result, and Poll. By having those done, we can start to create more tests to ensure there are no bugs or vulnerabilities in our system. We also expect to have more of the polling interface to be developed, like having questions to populate a card on the web page and having radio button for the user to input their options.