

**1. What are the names and NetIDs of all your team members?**

- a. Patrick Gruber – pgruber2
- b. Jesse Henn – jjhenn2 (Team Captain)

**2. Tasks:**

- a. Get current system running
- b. Update system to use Docker and needed libraries
- c. Create mechanism to capture Piazza posts
- d. Integrate indexing and retrieval of Piazza posts
- e. Prototype user interface to display Piazza results, collect and analyze feedback
- f. Update user interface

**3. Status**

- a. Get current system running
  - i. **Done:** After some initial debugging we were able to overcome the issues with the system when the slides are not available for all the classes with text information — [GitHub Commit](#).
- b. Update system to use Docker and needed libraries
  - i. **Done:** We are currently using elastic search docker image 7.9.2 — [GitHub Commit](#).
  - ii. **In Progress:** Further work on this may be completed—time permitting—to simplify the work required to get the initial system up and running.
- c. Create mechanism to capture Piazza posts
  - i. **Done:** We have completed the initial mechanism to capture the Piazza posts and have successfully downloaded all current posts for CS410 — [GitHub Commit](#).
  - ii. **In Progress:** Further refinement of the process for capturing posts will be made as we progress in the integration.
- d. Integrate indexing and retrieval of Piazza posts
  - i. **Done:** So far we have added the Piazza posts to elastic search — [GitHub Commit](#). We have also modified the existing code so that the user can search for a term and information from the post shows up in search results — [GitHub Commit](#).
  - ii. **In Progress:** We now need to refine the integration, better target what information is used in the system, improve the ranking of results and expand what API calls return Piazza post information.
- e. Prototype user interface to display Piazza results, collect and analyze feedback
  - i. **Done:** We have constructed a mockups of potential user interface designs and created a survey to gather user input—[survey](#)—Requests for

survey participation: [General Slack Channel](#), [cs-410-text-info-sys Slack Channel](#), [Piazza Post](#).

- ii. **To Be Started:** Analysis of results and execute on findings.
- f. Update user interface
  - i. To Be Started: Beyond the proof of concept mentioned for the search results above this task still needs to be started and will be completed alongside the remaining work.

#### 4. Challenges

- a. No challenges at the moment