Customer’s Requirements:

* Centralized database that contains information about an individual students’ name, employment history/ other documents, demographic, status within the organization, their contact information and primary research mentor
* An intuitive way to enter information into/ remove from the database
* A way to retrieve information from the database that is filtered/ processed through the dashboard
* Applications need to be secure because they store possibly sensitive information, but admins need access to all information.
* Students/ members need to be able to opt in/ opt out to features such as having photos posted, and having their accounts visible to other students.

Additional Information:

* They are using filemaker pro, and MAUI to store data currently
* Science Alliance students contact information is stored on a spreadsheet
* Science Alliance interns and IBA students are stored in filemaker pro.

Proposed Frameworks:

* Python Django
* Server: AWS/Azure

Product’s Features:

* Secure mechanism to verify students/employee identities (Duo, MyUI)
* Separate Administrator and student accounts
* A way to manually enter information via a form
* A way to manage different types of uploaded files . Could be spreadsheet, .csv, .tbi.
* Students adding documents such as their resume that could be available through profile.
* Outline of product’s GUI
  + 1st page: used by administrator to login
  + 2nd page: “database” page, includes all information of members.
    - Can apply filters to find members based on sets of criteria: use criteria from Sign Up of workflow.uiowa.edu
    - Can manually edit fields
  + 3rd page: Event page
    - Can manually create event and assign to people (send email)
    - A page to accept/decline event
    - A calendar view: can apply filter
  + 4th page: email template. What will emails they want to receive?

To-do list before next Wednesday:

* Product Vision and Roadmap: present it to Prof. Include 3-slide PPT. 15 mins. Hans requires that each member needs to say something during the presentation
  + What will this product do? (Features)
  + Why is it needed? (Customer’s requirements)
  + How is it different from existing solution?