

## **Project Overview and Management**

- What is Makerspace currently doing? What did the team do last semester?
- What is AWS's vision for this project for this semester?
  - We know there were some ideas listed in the project description. Are all of those priorities?
- What are the highest priority features for this project?
- What facets of the system specifically are we trying to improve? Or are we implementing something completely new?

## **Design**

- Can you walk us through your envisioned interaction with the system as a user of the makerspace?
- Can you walk us through your envisioned interaction with the system as a makerspace employee?
- Who's our target audience or main users of this project? End users or Makerspace employees?

## **Platforms**

- Will this be a web platform? Mobile?
- Which AWS tools will we be using primarily? Amazon Lambda (Serverless), S3? Open to whichever AWS service we choose?
- AWS credits?

## **Backend and Implementation**

- Will we be adding a scheduling system to queue projects/usage?
  - *Note: The current system resembles a spreadsheet, not available online*
  - What abstraction would you like to see? See CS Advising scheduling system\*
- Will our system also handle the return/completion of tasks and tools
  - Can the user ( makerspace employees) report machine failure? (based on this data we could build ML prediction system)
- Should the data analysis of equipment be focused on who uses them (i.e. a metric of the types (major) of students), how often a machine is used regardless of user, or both.

## **Makerspace (if time allows)**

- <http://reserve.cumaker.space>
- What incident qualifies for a maintenance alert?
- What are the most important metrics for each machine? How do we know they are functioning properly or not?
- What machines are currently on the reservation system
  - What machines would you like to add?
- What data do we currently have for 3D Printer failures? Is there a Data Pipeline in place?

## **Conclusion**

- What did the team last semester do well?
- What could last semester's team have done better?
- How often do you want to meet?
  - Best way to communicate?
  - Regular meeting days/times?
  - Status reports?

## **Additional Notes:**

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