Mid-Term Presentation of Problem and Solution

March 31, 2022

We can all meet on the ALL TEAMS channel at 9:05 / 15:05 to answer questions and review the ground rules for presentation. Guidelines are below.

- We are looking for indications that you have thought out all aspects of the project and have a plan for going forward.
- Presentations shall not exceed 10 minutes, including questions. (Suggested: 8-10 minutes presentation with 2 minutes for questions)
- Cover all the Project Components in the presentation. (See the ALL TEAMS File)
- Grading rubric shall be provided for students from each institution by corresponding faculty. (Penn State Faculty will share grading information with Penn State Students (on Canvas), and SUPSI faculty will share with SUPSI students.)
- Some students asked if there was a schedule of presentation times so that they could know when to be ready. So, we can follow the schedule below:

Group	Start Time (PSU/SUPSI)
1	9:15 / 15:15
2	9:25 / 15:25
3	9:35 / 15:35
4	9:45 / 15:45
5	9:55 / 15:55
6	10:05 / 16:05

You might have faculty interact with you at other times also. You can continue working when you are not presenting.

We look forward to some great projects.

Grading for Penn State Students is as follows:

Project Components *(For Midterm Presentation, Comprehensive Presentation, and Written Report)*	Percentage of the Project	Points 100
Describe your Project -What is its purpose? -Describe its design. (How does it work?) -Who is your audience?	15%	15
What problem are you addressing -UN Sustainable Development Goals? -Other social, business or health issues?	10%	10
Marketing and/or Incentives for the Audience -Who is your audience? -Will they need special incentives/information to engage with your product ?	10%	10
Financial and Business Considerations -Cost of producing the prototype? -How much might a consumer be willing to pay (mass produced)? -Will your product affect other businesses positively/negatively?	10%	10
Prototype -How does it work? -Design plan for all or a portion of the prototype?	15%	15
Computational Strategy -Explain your plan or programming strategy. -How is hardware to incorporated into prototype sample?	15%	15
Research and Professional Input -Research on problem, similar solutions (if any)? -Information from a professional person or organization related to any aspects of your project?	15%	10
Limitations of your Project -What are challenges that could be presented in your project's implementation? -What are the limits of your project's reach?	10%	10