Hello!

Welcome to SVNT TAP! As you just heard, you will be working in your group to design the next feature for YouTube. Details on the challenge, submission, timeline, judging criteria and next steps can be found in this packet. Your room facilitators are there to answer any logistical questions, keep you on time and help you for any bio breaks (bathroom, food, water). They will not be able to provide guidance on the challenge or contributions.

What is the timing:

1. 9:30 am – 12:30 pm – Work on challenge
2. 12:30 pm- Candidates submit individual contributions on GitHub by 12:30pm
3. 12:30 pm – 1:30 pm – break for lunch
4. 1:30 pm – 2:30 pm – work on presentation
5. 2:30 pm – Submit presentation on GitHub
6. 2:30 pm – 4:00 pm – Present 3 min presentation, 2 min Q&A
7. 4:00 pm – Happy Hour/ Wrap Up

What is the challenge/expected of us?

- Design the next feature for YouTube to help YouTubers plan their next video.
- User: Your end user wants to ensure their video is popular and well received. They can be a teenager in Wisconsin wanting to become a YouTuber, or a famous Youtuber with 200 videos and 100 million followers. You choose.
- Using the data provided, design and develop a tool that forecasts how popular a YouTube video will be so a YouTuber can plan their next video.
    - Please note, you do not need to wait for the data science model/algorithm to be created to start the mock up/coding of your contribution
- Data Set: https://bit.ly/2IJswks
- You will work as a team to identify what the new feature should be and what it will do/look like. At the end of the day you will individually present via a 3-minute presentation the group's idea and your specific contribution.
    - For designers: you will define the persona of the YouTuber and create a low fidelity mockup of the feature (it can be a full prototype, sketch of design, or PowerPoint; but you should not wait on the developer to code to create your design). Web UI directly upload to GitHub as images
    - For developers: outline the full architecture and code one component which best shows your coding abilities.
      You can choose the same component, but you must code it yourself and separately as each code will be individually assessed. This challenge is language agnostic. Push your architecture and code to GitHub.

    - For data scientists: write the algorithm or model and have it run on a Jupyter Notebook . Push the Jupyter Notebook to GitHub
- Your contribution should be tied to the overall idea and feasible across all disciplines. The quality will be checked via GitHub during lunch.

Submission details:

1. Individual contribution submitted to GitHub due at 12:30
    - Label your submission with your Full Name
      EX: Sullivan_Caitie_Dev Submission
    - Designer: Web UI directly upload to GitHub as images
    - Dev: push their code to GitHub
    - DS: push code to GitHub
        - Minor adjustments are allowed between 1:30-2:30, but original submission is what is being checked. Vast deviations between original submission and presenting solution will result in a deduction.

2. Final presentation uploaded to GitHub due at 2:30 pm
    - Label your presentation with your Full Name
      EX: Sullivan_Caitie_Presentation
    - Presentation will be 3 minutes with 2-minute Q&A
    - Logistics: 3- 4 slides
        1. Overview of Team idea (set the scene)
        2. Story/Architecture of contribution (tell the story)
        3. Demo of contribution (showcase your skills)
        4. What you would do next (optional if there is time),

Judging criteria: Presentations and individual contributions submission will be assessed on:

- Creativity of idea
- Technical expertise
- Foresight/prioritization
- Presentation skills
- Quality of code
- Optimization and prioritization of code
- Originality

FAQs:

1) You do not have to wait for the data science algorithm code to be developed to start your individual contribution. You must agree on the overall idea but can independently and simultaneously work on your contributions

2) There are no language or specific requirements for the submission; except data scientists must submit Jupyter Notebooks?
3) There are adapters in each room but no audio
4) After the presentation you will be brought to a happy hour/wrap up session where Danielle DeZorzi, the recruiter, will let you know next steps