- **Goals**
  - **Find/create a blender model**
  -

    Make a python plugin to send blender model to cloudycluster
  - **Have each node render the model across different machines**

Tasks

-Make a blend file possibly with python or UI []
 - Small blend file to render
 - create blend model

-python plugin take blend file and send it [Andrianina &?]

-Execute rendering in parallel [shell script] [& John]

MVP Deliverables:

- Provide a Blender Model – Ayomide & Sofiyyah
- Blender add-on to: david, john
  - take configurations from the user - john - 100%
  - send blender model to cloudycluster via paramiko scp 100%
  - Use python to create a job script using strings and variables – Christopher 100%
  - Run the job script on the cluster- using paramiko ssh 100%

- - Test job script-Christopher 100%
- Use ffmpeg to make the movie out of the png images - 0%
  - Make button to do that
  - Change 60 to 25 and get rid of pic
  - Have file.blend match model name
- Github Repository Repository Link Posted to the HackHPC Discord #general" Channel - Malliyah - posted 4/3/2022
- Source code Including Comments 0%
- Presentation - david 20%
  - Team members with pictures
  - Use of HPC technology in the project
  - Workflow diagram
  - PDF of presentation in github
- README.md with a project description Sofiyyah 0%

Github setup

-Readme
-Presentation
-What are the folders?
        -blender add on
        -job script
        -blender model
        -animation video
        - demo video

Last Day Schedule
Morning check in 10 CT, 11, Eastern (Pencils Down):
Accomplishments and MVP - Christopher

Meetups: 4/4/2022
        1:00PM CT (cleaning up, slides review, demo review/planning/recording),
        4:00 PM CT (practice presentation/final check) [might need to be earlier]
        5:00 PM CT/6:00 Eastern - Final Presentation

Resources:

Last Years Winners: https://github.com/Raharijao/A.I.R.-project

Team Email Addresses:
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Ayomide.olasupo@mvsu.edu
christopher.d.buck.01@gmail.com
MalliyahW@gmail.com
jmcofnyc@gmail.com

Google Cloud info
Project: hackhpc-admi22-9   (Boyds project - has a blender 3.10 updated image)

CC: https://quartzheronboxfish.cloudycluster.net/#/accessTab/clusterInfo/cloudyblender-4cdc

User: ccqadmin
Pass: hackHPC9

ssh: login-quartzheronboxfish.cloudycluster.net
scp:login-quartzheronboxfish.cloudycluster.net:/mnt/orangefs

Github:
Malliyah: Slizzap4
David: raharijao
Christopher: CDB11
Boyd: boydwilson
Dr. J:jackson820
John:
Sofiyah:
Ayomide: