

Pre-Interview Notes

1/13/2026

Clients:

- Greg Waite - Professor, Geological and Mining Engineering and Sciences (gpwaite@mtu.edu)

Meeting Location/Time

- In person, 1/13/2026 DOW 633 at 3:30pm

Questions:

- Please tell us about your app idea.
 - Is this a website or an app they need to install?
- Who are the users of your app? (tourists, locals, or both?)
 - What languages does the app need to be available in?
- How do you expect people to access this application?
 - Is there wifi or cell signal at the location?
- What is the stand for the phone going to be like?
- Are we supposed to do an analysis of the volcano automatically?
 - If so, where can we find resources about the mentioned topics?
 - If not, are there any tools we can add that allow your team to analyze it more easily?
- Other than pictures, is there any other information that should be collected from the user? (email, name, photo metadata, location)
- Are users taking a photo and uploading or is the application taking the photo for them?
 - If users are taking a photo how do we ensure the same aspect ratio and zoom?
- How heavily do you want us to filter out photos that obviously don't match?
 - Options might be manual moderation vs automated?
 - Do you want to filter out grainy photos?
- What other information is supposed to be available within the application? (informational page)
 - Will we need to research this information or will you provide information to put on the app?
- How much of the timelapse will be viewable to the public?

- Will the timelapse be viewed on the stand?
- Specific time range, all photos, etc.
- What kind of management access would you like to this application?
 - Is it hosted on your device?
 - Do we need a manager login?
 - Do you expect to be able to give permissions to other users?
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Roles:

Name	Interview Roles
Connor Schneider	Product Owner
J.P. King	Interview Lead, Technical Lead, Notetaker
Jake Rundle	Notetaker
Mark McArdle	Database, Backend
Chris Morrison	User Interaction
Penn Robert	UI/UX Consultant
Ethan Vanderlugt	UI/UX Consultant