

Pre-Interview Notes and Member Roles

Team Name: 3D_rone

Scientist Name: Ricardo Perira – Assistant Professor, Construction Management

Interview General Goal: Our main goal is to follow-up on the app description that we drafted after our first meeting. We would also like to focus more heavily on some of the finer details surrounding the project's implementation.

Date: 1/25/2022

Start Time: 4:00 PM EST

End Time: 5:00 PM EST

Meeting Medium: In Person

Meeting Location: MTU J. Robert Van Pelt and John and Ruanne Opie Library Room 237

Introductory statements:

- Share goal: Follow up with the app description
- One quick comment: We would like to take the time at the end of today's meeting to summarize what was discussed and decided upon so that everyone is on the same page.
- Ask for consent to record
 - Have him join the Zoom and share his screen for the docs he wanted to send?

Roles:

Name	Role
Abby Myers	Not present at meeting
August Miller	Technical/Implementation Domain Questions
Charles Vidro	Recorder
Eva Muller	Host/Moderator
Ian Lawrie	Recorder
Tom Berg	Frontend Domain Questions

Questions (In Order):

- Is there an order for the points of interest?
- More on control schemes
 - purely the mouse?
 - Any sort of keyboard support?
 - Is this something we should investigate when we investigate user interactions?
- Go over App Description in person and get Ricardo's feedback
- We are trying to get into the mind of the user...
 - In what ways does a novice pilot familiarize themselves with a drone inspection flight-path?
 - What sort of data does the user care about (velocity, speed, etc.)
 - And HOW does this data help them reach conclusions?
- Is there a certification for inspection? Or are they just recording the data?
 - E.g. a pilot with no background in building inspection collects the data and an engineer looks over the data afterwards
- Is the main problem for a novice pilot understanding the flight path or how to perform the inspection?
- What challenges do you anticipate us running into?
- Some updates:
 - We are looking to use React and React Three Fiber to implement the app
 - Going to play around with it for a couple of weeks
 - We're using 1 week Sprints, three standups a week, and GitHub Projects to manage the backlog.

Conclusion Questions:

1. Summarize the major findings of the interview.
2. Ask your scientists if they have any questions or comments that they like to make.
3. Tell your scientists that you will email them a summary of the meeting describing your understanding of the app.
4. Confirm your date, time and media for your second interview with your scientist.
5. Thank your scientists for the interview.