

Requirement Gathering Report - TraViz

Arshiya Khattak, Gopika Krishnan, Matthew Varona

1. Requirement Gathering Technique

Our team opted to use interviews to gather requirements for TraViz. Interviews are a good fit for our needs because they provide information about to-be systems, provide a high depth of information, and are relatively easy for the team to implement (compared to preparing survey questionnaires or organizing joint application design groups). Furthermore, given that our system does not exist yet (e.g. is not just an improvement on an existing system but is an entirely new one), it makes sense to prioritize depth of information over breadth.

2. Interview Preparation

We selected 2 interviewees who were good representations of our potential user base. Both interviewees were NYUAD students with extensive travel history, meaning they would be the type of person who would want to use a travel visualization app like TraViz.

Two interview questions were prepared in advance, however the interviews were conducted in an open-ended fashion so as not to restrict the participants to the questions. The questions were: “What features would you look for in a travel diary software?” and “What factors are most important to you when planning a trip?” The first question elicits requirements for the visualization side of the app, while the second question focuses on the travel planning aspect.

3. Interview Proper

After briefly explaining the premise of TraViz to each interviewee, we asked the two questions listed above.

For question 1, we received the following answers:

- Seeing the network of flights across an actual map
- Being able to plot multiple kinds of trips, not just flights (road trips via car, bus trips, etc.)
- Being able to export, save, or share the flight map

For question 2, we received the following answers:

- Cost of flights/hotels/etc.
- Things to do in the destination
- COVID requirements/restrictions, quarantine length for outsiders, etc.

We used these answers to synthesize our functional requirements, as seen in the SRS document.