

TPS Data Gathering

What type of phone do you have?

- ☐ Android
- ☒ iOS
- ☐ Other
- ☐ I don't have a mobile device.

How do you primarily interact with your phone?

- ☒ One-handed operation
- ☐ Two-handed operation
- ☐ Stylus
- ☐ I interact with my phone in another way

Optional: If you chose option d, how do you interact with your device?:

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Are you familiar with the term “Augmented Reality”?

☒ Yes

☐ No

Have you ever used an Augmented Reality (AR) application on your phone?

☐ Yes

☒ No

If you answered “Yes” to Question 3, what did you use? If you answered “No” to Question 3, skip to question 5.

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If you answered "Yes" to Question 3, What did you like about it?

.....

If you answered "Yes" to question 3, What didn't you like about it??

.....

Have you ever played a mobile game on your phone?

- ☒ Yes
- ☐ No

What is your knowledge of the Solar System?

- ☒ Very little
- ☐ I'm familiar with the planets and some moons
- ☐ I can name every celestial body in the Solar System
- ☐ My knowledge is as vast as the Universe

If you are tasked with finding planets in the real world through AR, how much guidance would you prefer?

- ☐ No guidance - I'll walk around with no visual indicators until I find them
- ☒ General area map - Map will show a radial area and give a general direction of where the planet can be found
- ☐ Exact location - Map will only show the planet's exact location in real time and the distance to the closest celestial body
- ☐ Absolute precision - Map will show planet's coordinates, along with a GPS route

If you are tasked with finding planets in the real world through AR, what would be your primary mode of transportation for getting around the NMSU campus?

- ☐ Walking
- ☐ Skateboarding
- ☐ Biking
- ☒ Vehicle (i.e. Bus, Car)
- ☐ Mobility Aid

If you are tasked with finding planets in the real world through AR, how much of the NMSU campus would you be willing to explore?

- ☐ Outdoors exploration only
- ☐ Some public indoor exploration - restaurant dining area, lobbies, stores, etc.
- ☒ Detailed indoor exploration - specific classrooms, library section, bathroom, etc.

How would you prefer unidentified planets' names to be displayed on the map? Example: You have not yet found Mercury, Venus, and Earth in the AR environment. The following names will give you a hint as to what is yet to be discovered.

- ☐ ???
- ☒ M?????, V????, E????, etc.
- ☐ Mer????, Ven???, Ear???, etc
- ☐ Mercury, Venus, Earth, etc.

When you've discovered a planet, it will be available to view in an "Astrodex" along with more detailed information. What type of information would you like to see?

- ☒ General - Short description and general metrics like distance from sun, mass, day length, etc
- ☐ Intermediate - Atmosphere info, density, surface temp, orbital period, etc
- ☐ Advanced - Chemical composition, in-depth orbital characteristics, escape velocity, axial tilt, satellites, etc.

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