CVSST Personas Document

Stanley Do

**Persona –** John is an ex-military, 35-year-old Mission Planner who works for NASA. John is an expert at coordinating hands-on research on the Moon for possible colonization. John does not like to wait around for people to do things and gets straight to the point with what he wants. He is extremely knowledgeable on the needs and resources required for human life on the Moon and is familiar with the process of getting an astronaut there.

**Wants to** – John wants to make it possible for the first astronaut to live on the Moon. To do so, he needs a way to map out flat surfaces and areas favorable for humans.

**So that** - John is planning a mission to colonize the Moon. He wants to share specific areas of the Moon that have suitable elevations fit for humans so that when the astronauts get there, they know where to go. John opens the collaborative Moon Trek, invites the astronauts, outlines the routes that the astronauts should take on the Moon, and exaggerates the Moon’s elevations. The astronauts will be able to see the outlines and height change in real time.

David Tang

**Persona** – Jane is a retired 65-year-old woman. She used to work at a fast-food restaurant. She is not very familiar with computers and technology. She mainly uses her computer to search for information online, watch videos, and read about the news. She has vision impairment, so she needs things to be reader friendly. She has issues with memory and concentration. She has trouble understanding and interpreting complicated things. She prefers everything to be clearly labelled, so she will not have to guess what things are. She likes to take in information slowly and a little bit at time to avoid feeling overwhelmed. The most important thing to her is that things should be simple and easy to use.

**Wants to** – Show the Moon Trek to her friends and let them also be guides.

**So that** – Jane is exploring the Moon Trek with her friends. She found an interesting-looking crater on the Moon. She wants to show it to her friends, so they can look at it together at the same time. Then one of her friends wants to be the guide. She moves the map to a different location for everybody to look at. Each one of them takes turn moves the map, so that they can explore different locations.

Montague La France

**Persona** – Nick is a 20-year-old college student with a love for space. During his free time, he analyzes NASA’s data on the Solar System Trek portal. He recently joined a Discord server where other people with a love for NASA’s data share their insights.

**Wants to** – Nick and his new friends want to collaborate in a smooth way, instead of having to share screens when discussing data on the Solar Systems Trek Portal.

**So that –** Nick and his peers desire to collaborate in a smooth way, while using the Solar System Treks. It is something that many people in the public could benefit from. If the Solar System Treks Portal possessed a way for smooth collaboration, then Nick and his friends from the Discord server would no longer have the difficulties of needing to share screens and send links in the server. Instead, Nick and his peers would be able to collaborate in the Solar System Treks Portal. The collaboration would not only solve the problems for Nicks peers but also for other people in the public who wish to collaborate with the Solar System Treks in a smooth manner.

Abdullah Alshebly

**Persona** – Tom is a 40-year-old high school teacher who is currently teaching a science class. He is currently teaching a chapter about space and assigns group projects to his students.

**Wants to** – He wants them to use the Solar System Treks Portal and create a research presentation on one of the datasets that they found particularly interesting.

**So that –** The students, who have been split into groups, need to collaborate in a smooth way whilst using the Solar System Treks, to complete their research project. This instance highlights the needs of students across the globe who could benefit from this collaboration in learning. This collaboration would help the students complete their projects and understand the data that the Solar System Treks Portal has to offer.

Odasys Soberanes

**Persona –** Alex is a high school student who is part of the astronomy club. He began his admiration for space when he was in middle school. He frequently uses a telescope to observe the Moon. The club is dedicating a month on exploring the Moon craters. He is given a task to find multiple datapoint on some craters.

**Wants to** – Explore the moon similarly to how he uses a telescope and note areas of interest for his astronomy club.

**So that** – Alex is exploring a crater and needs some help collecting a specific datapoint. He messages a friend to compare data, but both have different data. They decide to join and see where each other started collecting the data. By joining, they can compare data.

Zipeng Guo

**Persona** – Tom is a 10-year-old boy, and his first language was not English. He is a primary school student. When his teacher talks about the solar system, he is very interested in it. He knows how to use a cellphone and computer, but he does not have enough vocabulary to understand all the words.

**Wants to** – Have a menu with simple words and pictures to help him understand the meaning of the options.

**So that** - Tom is using the Solar System Treks. Although he does not understand the meaning of some of the words, he still can find out what he wants by the picture. He is happy to learn new things and wants to share it with his friends. Tom creates a room and send his friends a share link to invite them. Tom and his friend explore the Moon together and they share what they find on the Moon through the software’s communication medium.

Christopher Smallwood

**Persona –** Cyrus is a 26-year-old Graphic Artist at a cereal company. He is typically seen around his office with his drawing tablet in one hand and his stylus in the other. With a cup of coffee always at his desk to keep him awake, he efficiently creates new art for his company. He is often given short deadlines to draw new designs for cereal boxes. Due to time constraints, he often submits a reference design alongside a presentation to his superiors for approval before beginning to draw a new design, so it won’t be rejected after having spent the time drawing. Cyrus is very capable and computer literate, which is an essential for his job.

**Wants to** – Design reference graphics for a planetary themed cereal box and share the designs with his superiors remotely.

**So that -** Cyrus is tasked with creating a design for a new planet themed cereal, as it is cheap to produce a noncomplex spherical cereal. As this is a new cereal, Cyrus’s design will need to be easily marketable and appealing to a broad audience. As Cyrus cannot submit a presentation to his superiors due not being able to go to the company for the time being, Cyrus will use the Collaborative Solar System Trek to show his idea for the new cereal design by being able to draw on the planet and make a simple concept art for the new design.

Johnny Lee

**Persona –** Patricia is a 28-year-old fitness trainer. She is very knowledgeable in human physiology and has experience instructing clients in executing proper exercises. However, she delegates the technological tasks that she does not have experience in to experienced professionals.

**Wants to –** Look for images on the Moon Trek with other people. They want a simple way to communicate with each other, so they can decide on the images they like best.

**So that -** Patricia needs to decorate a fitness center with images of space. She explores the Moon Trek with other people to look for images. Everybody can see what she is currently looking at. They communicate with each other to see if everyone agrees with the image she is looking at.

Jose Garcia

**Persona -** Greg Miller is a 34-year-old scientist studying the Moon. He lives with his wife and two kids. Greg has been studying the Moon for 10 years.

**Wants to** – Save drawings and notes he made on the Moon Trek. Then show it to a colleague later when he gets to work, so that they can work on it together.

**So that -** Greg wants to explore the Moon. Greg found something interesting on the Moon and would like to share it with a colleague from work. Greg likes to save all his work to his computer for safe keeping. Greg likes to record everything he does for another colleague to see how he did everything.

Miguel Sanchez

**Persona** - Michael is a 20-year-old college student, working on his physics degree. He decided to focus on astrophysics and has enrolled in the classes needed to pursue that field.

**Wants to** - He wants to give an immersive and interactive presentation on different solar system planets and moons. Instead of using images from a PowerPoint presentation, which would be a dull event over Zoom meetings, he decided to use the Solar System Treks Portal.

**So that** - Michael organizes his classmates and professor into one singular Solar Systems Treks session, where they can all follow his presentation with ease and add their own comments or questions in real time. The Solar System Treks made his presentation an interesting and immersive experience because he was able to collaborate with his peers.