**Prompt 2 - Every person has a creative side, and it can be expressed in many ways: problem solving, original and innovative thinking, and artistically, to name a few. Describe how you express your creative side. (350 words)**

Designing was my way to express myself and project my ideas. I had developed the skill of drawing in art class since middle school. I enjoyed it because it relieves stress. Years later, this passion prospered when I undertook a personal project to design an automatic animal feeder. Initially, I drew simple sketches on isometric paper. It was easy so I was able to generate lots of different diagrams until it eventually sparked me to want to build it.

Despite the isometric paper being accurate, I felt restricted because it was only 2D. Inspired by Computer Aided Design lessons in Design & Technology class, I looked to transition from simple drawings to elaborate diagrams on the computer. Despite my lack of skill on the computer, I was able to get the hang of it once I realized it was just like drawing. Before I knew it, my first 3D model of my feeder was made. I liked it, but I knew I could take this further.

I moved on to modeling where I created the product based on the blueprints on the computer. I made miniature contraptions using cardboard to visualize how the actual product would look. A little later, my actual prototype was constructed in the workshop after learning how to use power tools safely.

I wanted my product to be unique and usable in the unique Oman environment. Eventually, I decided to use mahogany for a new and improved prototype so it could withstand the hot weather in Oman, and took advantage of the abundant sunlight by incorporating a solar panel to power the dispensation system.

This is how I expressed my creativity: by pushing the boundaries of my imagination to create something unique can be beneficial for someone or something. This time, I’ve expressed my creativity to help animals in hot, dry Oman. In the future, I want to continue to express my creativity on a bigger and grander scale.