

“Biomed to Bytes: The MRI Connection.” a podcast created by Aroma Regmi and Lesley Orellana to discuss two engineering perspectives on Medical Imaging, specifically MRI. At the Nvolve New Scholar Onboarding, Aroma asked Lesley if they could work on the Mini Podcast Project together. Aroma is a Computer Engineering major, and Lesley is a Biomedical Engineering major,

Lesley and Aroma started off the project by deciding what the topic should be about. The project topic was an intersection between their two engineering disciplines. They used ChatGPT to come up with topic ideas, and settled on MRIs: what they are and how they are related to each engineering of their disciplines. They also used ChatGPT to come up with the podcast name, “Biomed to Bytes: The MRI connection”. The podcast was filmed over Zoom and split into two episodes. The first episode was about the computer engineering side of MRIs, and the second was about the biomedical engineering side. The computer engineering episode investigated the workings of data transfer to help patients and doctors understand the data from MRI scans, and the advancement of AI and how it is implemented into and with MRI machines mainly using the NIH as a source. The biomedical engineering episode investigated how MRIs are improved for healthcare specialists and patients, and the analysis of data that biomedical engineers collected.

The experience of making the podcast episode was more difficult than expected for Aroma and Lesley. It was a new experience learning how to get used to their own voices, and how to sound authentic and not scripted when recording the episodes. They both learned new skills such as: recording podcast episodes with the utilization of Zoom, editing skills, improving research skills, time management, and presenting/asking questions to a coach through meetings that were led by them. With help from their coach, Megan, Aroma and Lesley both learned that “perfect” is not achievable in a project like this and that it’s okay not to be perfect when turning in the podcast project. Instead, their coach told them at their final meeting that they should focus on the progress they made from their first draft in comparison to their final draft because, in the workplace, aiming for perfection will take up a lot of unnecessary time and stress.