Our team, consisting of Nick Genco, Jeb Smith, and Kyle Montrose, together decided to go down the Capacitor project route. We were assigned to design a tool in Matlab that XXX. Here's how we approached the project:

We started by meeting after class to discuss our individual strengths/interests and assigned roles accordingly. Jeb, who is best at Matlab coding, took the lead in writing the code. Kyle elected to take the role of reviewing, testing, and adding to it. Nick was in charge of the project documentation. We set up a workplan with specific milestones and deadlines and communicated regularly to ensure that we stayed on track. We also exchanged numbers and made a group message for better team communication.

Jeb wrote the code for the project, taking into account the specifications we had agreed upon. Once we received feedback from Dr. Kerestes, Kyle reviewed and edited the code and made corrections specified by Dr. Kerestes. Nick was responsible for creating detailed documentation, including XXX.

Several components of the project required collaborative effort. For example, getting the Bode diagram to work properly required us to put our heads together to work out a solution. There were also some design ideas such as the layout of the buttons and fields that we all worked on together to lead to a product everyone was happy with.

Throughout the project, we learned a lot about effective teamwork and collaboration. We discovered that clear communication, regular meetings, and assigning specific tasks to each team member were essential to the success of our team. We also learned that staying organized and breaking down the project into smaller, manageable parts helped us stay on track and meet our objectives. Finally, I believe that our team worked very well together and the sum of our parts were greater than the whole.