Please provide the following information to be shared with on capstone information exchange platform:

1. **Project number**: s17-27

2. **Project title (as will appear on the poster)**:
   Advanced Universal Parking System

3. **Team members**:
   - Stephen Farkouh
   - Rich Grabowski
   - Vivek Jani
   - Farukh Cheema
   - Eric Best

4. **Adviser(s) name(s)**:
   - Wade Trappe

5. **Up to 10 keywords that will help to classify the project**:
   - Automotive
   - Parking
   - Collision
   - arduino
   - universal
   - advanced

6. **Project abstract (up to 200 words) to be shared with judges**:

   The focus of this project is design a system of radar sensors around a vehicle to give the driver a sense of objects nearby when parking a car. The system will include eight sensors that will use signals to determine how close an object is to the vehicle. The sensors will be placed in the front and back of the vehicle and communicate to a central console that will display the information in a very simple fashion. The design of the system is going versatile and not specific to any car model. The feedback of the system will be presented on a screen visually and audibly if anything is too close to the vehicle.