**How to load, access, and run all models:**

* For parts under “Modeling” folder:
  + In the current “Modeling” folder, identify the folder labeled “Final Assembly”
  + All parts in this folder are part files (ending in .prt) and should be loaded in Siemens NX
  + Download all parts and saved all parts within the same folder on your drive/desktop
  + Open all components, subassemblies, and assembly in Siemens NX
  + The parts are broken in the following subassemblies:
    - Front Wheel Drive components
    - Rear Wheel Drive Components
    - Steering Assembly
    - Chassis Components
    - Structure
  + To change the size/dimensions/parametrics of the parts, identify expression and examine the relationship between each of the parts. Modify dimensions as necessary and observe the results
* For files under CFD:
  + CFD simulation was run in Simcenter STAR-CCM+
  + .sim files should be downloaded from this folder and opened/imported to Simcenter STAR-CCM+ to run further analyses
* For files under Data Transfer:
  + These parts were downloaded from GrabCad
  + .prt files were transferred from SolidWorks to NX already and data transferred. These parts can be downloaded and opened in NX
  + .SLDASM parts can be opened in SolidWorks
  + The remaining parts are in their designated folders organized by name. They are all included as .prt files under the “Models” folder, but are included in the “Data Transfer” with all native files downloaded as well. To convert to .prt files
    - Open .SLDASM parts in SolidWorks > export as IGES file > Open NX > import IGES file > select the file that you want to open
  + Parts that were downloaded from GrabCad were reparametrized to fit the assembly model and update appropriately