M1 Project Sprint 0 – Team Formation

1. **Product Team Name**
    a. **#QuarantineQueens**
2. **Product Team Roles**
    a. **Scrum Master/Development Support**
        i. **Ray Bravenec – rbravene@masonlive.gmu.edu**
    b. **Product Owner/Development Support**
        i. **Jim McMahon – jmcmah13@masonlive.gmu.edu**
    c. **Development Team**
        i. **Doug Cady – dcady2@masonlive.gmu.edu**
        ii. **Donald McDowell – dmcdowe@masonlive.gmu.edu**
        iii. **Hannah Ray – hray4@masonlive.gmu.edu**
        iv. **Tiarrah Bayne – tbaynea@masonlive.gmu.edu**
3. **Brief Description of the data analytics problem the team would like to solve.**
    a. **Problem Selection**
    Using the numerous open source COVID datasets available from reputable sources, #QuarantineQueens plans to identify what underlying medical conditions are most likely to result in deadly complications when COVID is contracted.
    b. **Scope**
    Our team will identify the top 3 most deadly underlying conditions as outlined above. We specifically want to see what factors result in the deadliest complications, not just illness. Our analysis will be limited to the United States and will start at a national level. Once we identify our top 3 underlying conditions, we will decide if the results allow us to make reasonable predictions about where COVID will hit the hardest during the winter wave of infections. The end goal is to make a prediction that would allow leadership to focus resources on areas most likely to be affected significantly.
    c. **Data**
    There are a number of open source COVID datasets available to support our solution. Here are 2 examples of potentially useful datasets that we are considering:

    https://catalog.data.gov/dataset/conditions-contributing-to-deaths-involving-coronavirus-disease-2019-covid-19-by-age-group-7ee07

    https://catalog.data.gov/dataset/ah-provisional-diabetes-death-counts-2020-5e6ac