EMMA Backend Summer Task List

1. Katie
   1. Data Wrangling
      1. Finalize “num” variables
      2. Word count variables
      3. Finalize new DoD variables
      4. Finalize any overlooked variables that need to be checked on iPad
   2. Lab Set-up
      1. Train Samina
      2. Set-up finalized data wrangling on lab computer
      3. Create folder for data in the lab server
      4. Write step by step process of downloading/calculating data
2. Reagan
   1. Data Wrangling **[Total Estimated Time: ~5-9 hours]**
      1. Add function to be able to add together two pre-defined variables (e.g., defined-variable-x + defined-variable-y) **[~1-2 hours]**
      2. Ensure “filter\_by” function works with both Interactions and Events tables **[~1-2 hours]**
      3. Word count function in Events and Notes tables **[~1-2 hours]**
      4. Ensure that table which divides calculated variables into specified studies works **[<1 hour]**
      5. AM vs PM time interactions **[~2-3 hours]**
   2. Dashboard **[Total Estimated Time: ~34-51 hours]**
      1. Make application responsive **[~3-4 hours]**
      2. Finish health tracking graphs **[~1-2 hours]**
      3. DoD vs BB study differences **[~3-4 hours]**
      4. Daily metric goals **[~1-2 hours]**
      5. Smart graphs that can select time ranges or weeks **[~4-6 hours]**
      6. Add remaining tables and graphs **[~3-5 hours]**
      7. Build account framework to log in **[~3-5 hours]**
      8. Connect to WSU servers **[~2-3 hours]**
      9. Participant filtering on home page **[~5-8 hours]**
      10. Account specific filtering on home page **[~2-3 hours]**
      11. CSS for home page **[~4-5 hours]**
      12. Create readable and reliable documentation for future work **[~3-4 hours]**

**Expected Hours for Full Completion: ~39-60 hours.**