Team Assignments [600 points]

1. Git-backed repository all work accessible to <u>all three faculty members</u> **[100 points]**
   a. GitHub Username or Emails:
      i. Amy Banic: abanic@cs.uwyo.edu
      ii. Mike Borowczak: Mike.Borowczak@uwyo.edu
      iii. Ruben Gamboa: rubengamboa
2. Team Status Updates (n=4) **[200 points;** 50 pts each**]**
   a. Every 3 Weeks {#1 - Feb 17th, #2 - Mar 10, #3 - Mar 31, #4 - Apr 21}
   b. A written status summary document [30pts]
      i. Markdown document should include requirements listed in 2d below
      ii. Uploaded to git repo folder status/status**#**.md ; where # = {1,2,3,4}
   c. A status summary video [20pts] (linked/available in the written summary above)
      i. Video should include requirements outlined in 2.d. but as an overview summary to highlight the most important / interesting parts of your project. *As an example, but not limited to, it could highlight an interesting challenge you overcame, or it could include several successes that you are proud of. Describe what you did and potentially take us through how you did it. Other students in the course can learn from your experiences that might help them in their own projects or might help them in the future.*
      ii. Video status updates should be less than 10min.
      iii. Video should be uploaded to a video hosting site (e.g., YouTube, Vimeo, unlisted is fine as long as it's accessible)
      iv. Video must be linked to both the written status update (2b above) AND on wyocourses. *There will be designated discussion boards for each of the status updates where you will "submit" your video by posting it in the discussion thread for your team.*
   d. Contents of Status Update
      2.b and 2.c should include (video should be more of an overview summary)
      i. Recap of what was planned for the last 3 weeks
      ii. What was done during the last 3 weeks (by whom):
         1. Description of tasks completed
         2. Your choice of quantifiable metric(s)
            (e.g., hours, lines of code, meeting count, doc/test coverage %,...)
      iii. Successes
         1. What are your accomplishments?
         2. What solutions were successful?
         3. Were there other things that you tried that did not work and why?
      iv. Roadblocks/Challenges
         1. Describe the challenges
         2. Describe how you overcame them
         3. What challenges are still left?
         4. What do you need help with? How can your mentor help?
      v. Changes/Deviation from Plan *(if applicable)*
      vi. Details Description of Goals/ Plan for <u>Next 3 Weeks</u>
         (in final summary discuss where your project could go from here)
      vii. Confidence on completion from each team member + team average
         Scale of 1-5; 1 = unconfident; 3 = toss-up; 5 = confident

3. Final Project "Notebook" (in git repo as markdown in folder called Notebook) **[100 points]**
    i.   A synopsis of your project goal(s)
    ii. All written status updates
    iii. Links to all videos created
    iv. Project Planning Documents
        1. Design Requirements & Specification
        2. Finalized Plan of Work (expected vs actual)
    v.   Summary of Final Implementation:
        1. Design,
        2. Limitations,
        3. Future Direction,
        4. Statement of Work (per member)
    vi. Reflection on your team's ability to design, implement, and evaluate a solution.
        1. Lessons Learned
        2. "If you had to do it all over again"
        3. Advice for future teams
4. Final Project Videos **[100 points]**
    a. Focus on 3.i,iv,v, vi (above)
5. Final Project Live Demos **[100 points]**
    a. Focus on 3.v and Live Questions/Answers from a diverse audience

Individual Assignments [400 points]
1. Team Self Evaluations (n=4) **[100 points; 25pts each]**
    a. In-Sync with Team Status Updates (#2 in Team Section above)
    b. Google Form answering:
        i.   How is your team doing as a whole?
        ii. Are you contributing effectively to the team? Why or Why not?
        iii. Any concerns with team member contributions? If so, what is your current plan of action to resolve the issues? Do you need external support?

2. Feedback to other team Status Updates (n=12; 3 per update) **[120 pts; 10pts each]**
    a. In sync with the 4 semester status updates (#2 in Team Section above)
    b. View 3 assigned status updates per cycle
    c. Provide critical, useable, feedback using the designated discussion boards in Wyocourses.
    d. Due within 1 week of each of the submitted status updates

3. Feedback on final draft project videos (n=5) **[80 pts; 16 pts each]**
    a. View end of semester videos created by other teams (#4 in Team Section above)
    b. Provide critical, useable, feedback using the designated discussion boards in Wyocourses so teams can revise their videos with your feedback.

4. Feedback on final project demos (n=5) **[100 pts; 20 pts each]**
    a. View end of semester live demos created by five other teams (#5 in Team Section)
    b. Provide critical, useable, feedback using provided Google Form