Core Requirements for Taiga Analyzer UI (Flexible)

1. On Program Launch
   a. User must input Taiga API / Login Credentials so a login menu must be provided
   b. User should receive visual feedback of successful login, followed by transition to main menu
2. Main menu
   a. Main menu should provide a list of the user's Taiga projects, past and present
   b. A means of selecting one of these projects must be provided
   c. Upon selection application should transition to a 'Project' Menu.
3. Project Menu
   a. Collaborators on the project are listed
   b. A tree structure of sprints / user stories for the project is displayed with selected metadata (status, percent complete, collaborators (just avatars), time started, time ended, etc…)
   c. User can click an options menu to do the following:
      i. Display task data in the same tree with the same metadata
      ii. Select extra columns to display from the metadata available through Taiga
      iii. Hide particular collaborators (and tasks / user stories they had claimed)
      iv. Hide particular user stories
   d. Clicking a user story / task provides a condensed view of all of the metadata associated with that user story task
   e. Clicking a sprint provides a condensed view of all of the metadata associated with that sprint and also provides the following options:
      i. Basic Sprint/Team Analytics -- has two modes:
         1. Team view -- shows daily view of sprint history with basic teamwide details like:
            a. Tasks added/claimed/test/completed on each day
            b. User stories completed on each day
            c. Longest running task on each day
            d. Running number of unclaimed / active / completed tasks on each day
            e. Running averages on all of these on each day
            f. A basic judgement as to whether the sprint was going well for the team
         2. Team view (must select user) -- shows individual view of sprint history with basic individual details like:
            a. Tasks added/claimed/test/completed on each day
            b. User stories completed on each day
            c. Longest running task on each day
            d. Running number of claimed / completed tasks on each day
            e. Running averages on all of these on each day

               f.   A basic judgement as to whether the sprint was going well for the team

        ii.   Comparison mode -- lets user select another sprint and displays basic high level analytic details (end of sprint averages / success rate / judgement / etc…) for both sprints with some indication of which side had better metrics

       iii.   (Extra?) Simulate Sprint -- lets users play through the sprint as it happened, seeing when user stories / tasks were claimed and how they progressed over the course of the sprint; displayed as a tree where tree metadata is updated as the simulation progresses (this is obviously a big ask but I think it is worth it)

               1.   Can be displayed in conjunction Basic Sprint / Team Analytics

4. Common UI & Miscellania -- this section should be adjusted as needed
   a. UI should always allow you to tell what area of UI you are in
   b. UI should always let you step back to your previous location
   c. UI should let you minimize / expand / close window correctly
   d. UI should always let you return to main menu
   e. UI should let you change your login credentials to ask different projects
   f. etc...