Idea: waitlist exchange

1. Input
   1. Each person gives
      1. Log in with google
      2. Set of pairs
         1. Pair
            1. Class have[[1]](#footnote-1){name of class they have, enrolled/waitlist pos.}
            2. Class want {name of class they want}
            3. Int of person
   2. Set of all pairs for each person
      1. **{} of ith person’s jth pair**
   3. Errors:
      1. No one says they want a class they already have
         1. Include that ok to move up in a waitlist
      2. In real time?
      3. Talking to colleges about the system?
2. Output
   1. List of all subsets of **{}** that are valid loops (with each next agreeing with previous one)
3. Overall expansion and ideas
   1. See errors
   2. User entering haves, could lie should coordinate with college

1. Class willing to give up [↑](#footnote-ref-1)