Secret Santa task!

You have been given the task of developing a secret santa gift exchange app. The app will help allocate secret santas to all the people involved. It will also be used to keep track of wish lists and gifts which have been decided. The functions will be as follows:

- The secret santa 'manager' can do the following:
    o Add new people to secret santa
    o Remove people from secret santa
    o Ask the system to allocate santas to everyone (after which no addition or removal of santas can be done)
    o See what gifts have been decided
- The 'santas' can do the following:
    o Add items to their own wish list
    o View other 'santa' wish lists
    o Allocate gift for their 'pair'

Goal

- Create a class UML (optional but awesome, https://www.visual-paradigm.com/guide/uml-unified-modeling-language/uml-class-diagram-tutorial/)
- Implement the system following OOPs principles
- Create an executable for the secret santa manager and santas using which they can carry their tasks (same executable for both, role based control).
- Make the executable take command line arguments e.g. santa.exe --role=manager
    o You can use boost library's program_options (https://www.boost.org/doc/libs/1_75_0/doc/html/program_options.html#id-1.3.32.3)
    o E.g. https://gist.github.com/abhinit/ffec6d2aa75215ecc518520bd1b24bb0