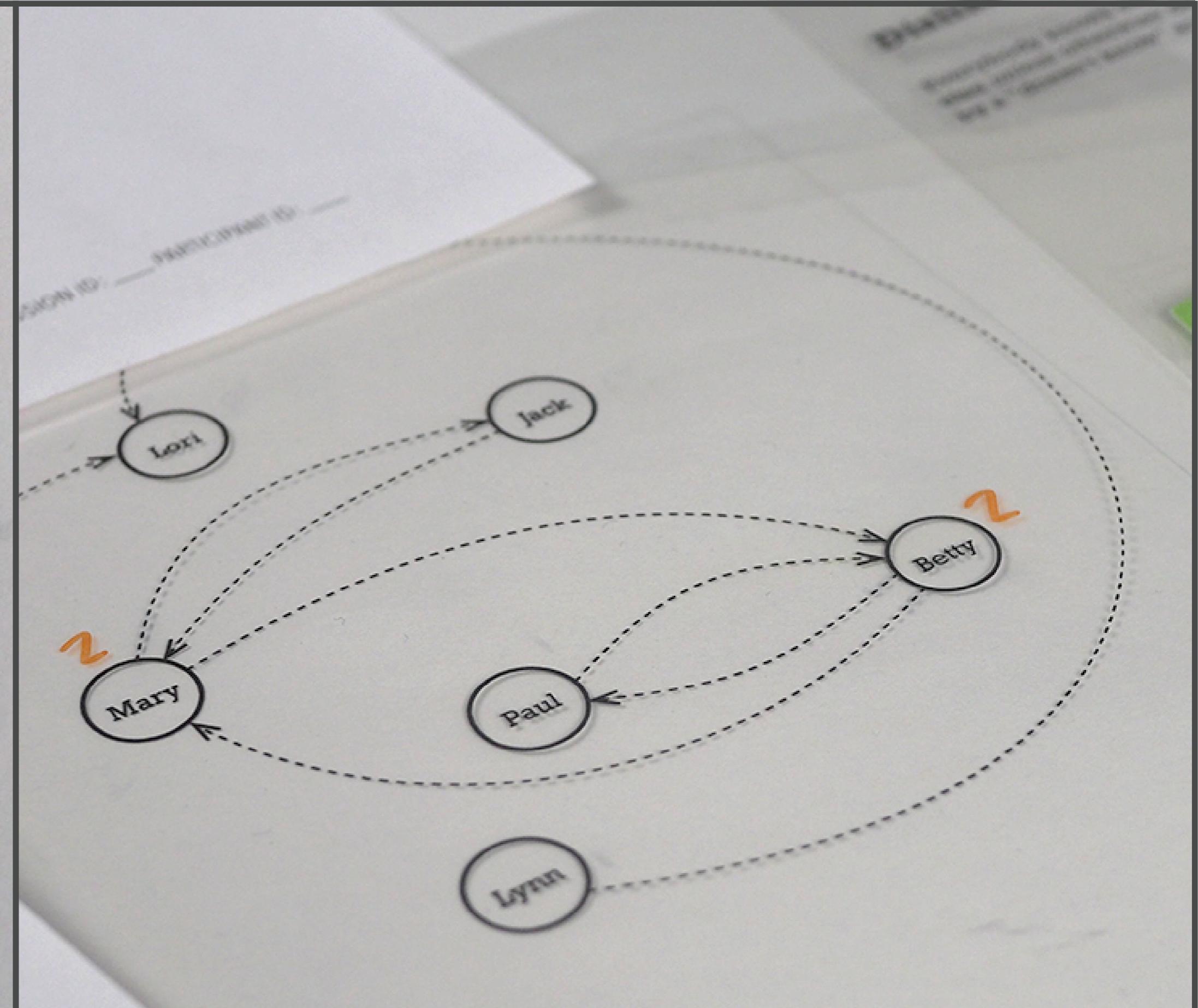
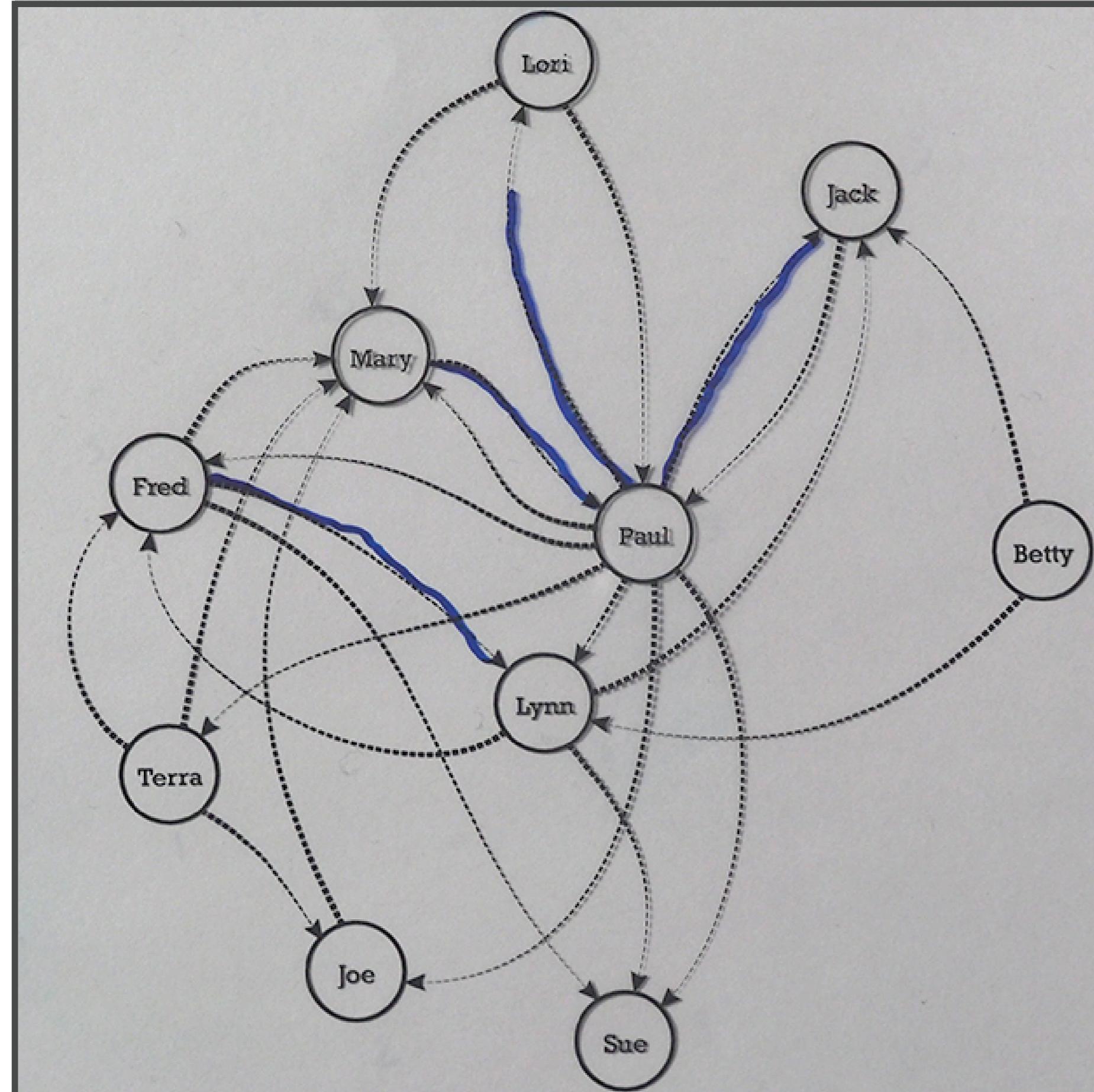
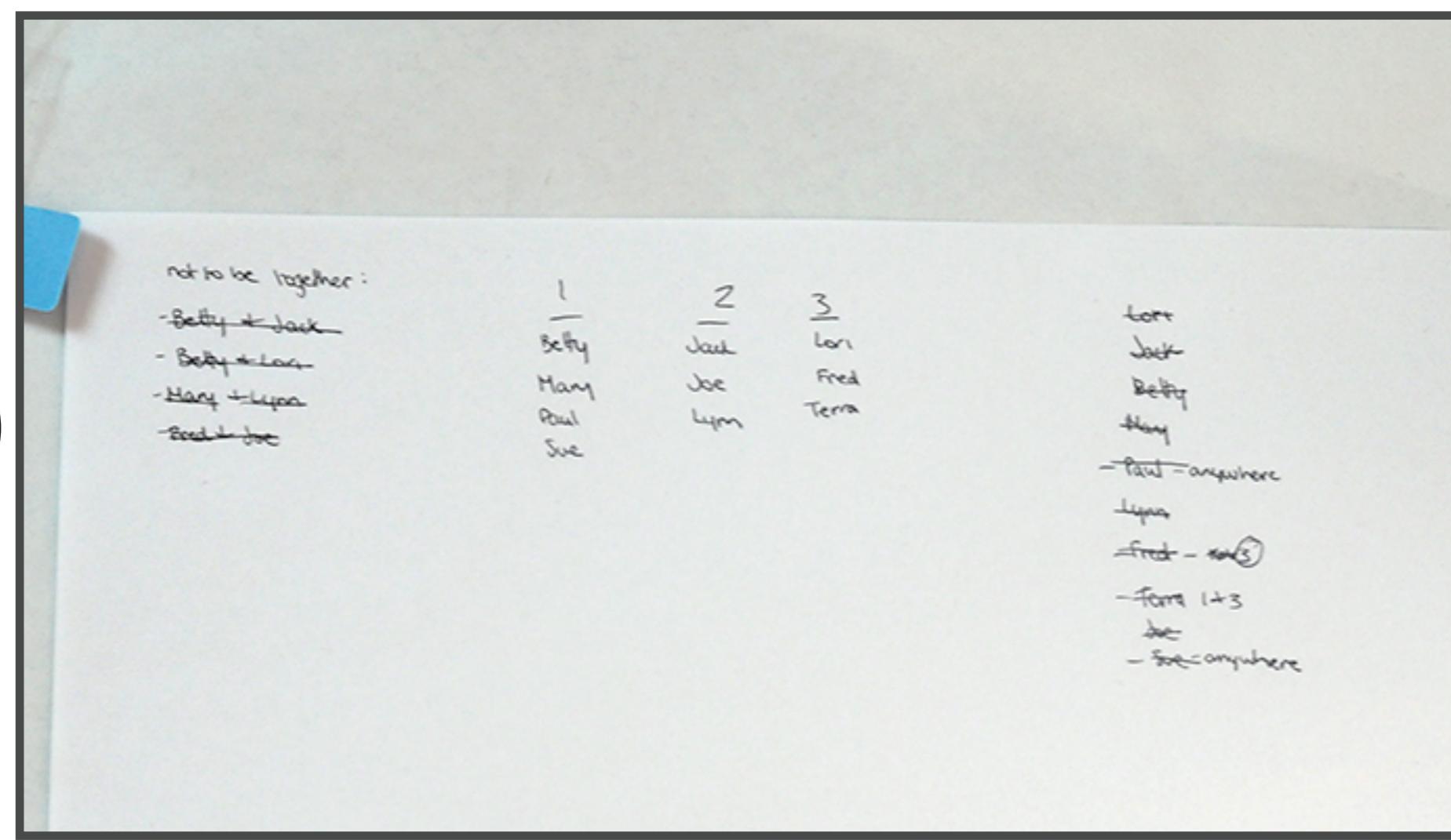


(a)



(b)



Everybody knows everybody else unless otherwise denoted by a "doesn't know"

Dislikes:

Lori  $\xrightarrow{\text{not}} \text{Betty}$   
~~Jack~~  $\xrightarrow{\text{not}} \text{Betty}$   
~~Jack~~  $\rightarrow \text{Betty}$

Can't have

Jack & Betty  
Betty & Lori @ same time  
Jack & Lori  
Fred & Joe  
Mary & Lynn  
Joe & Terra & Lynn

Betty & Lori  
Jack