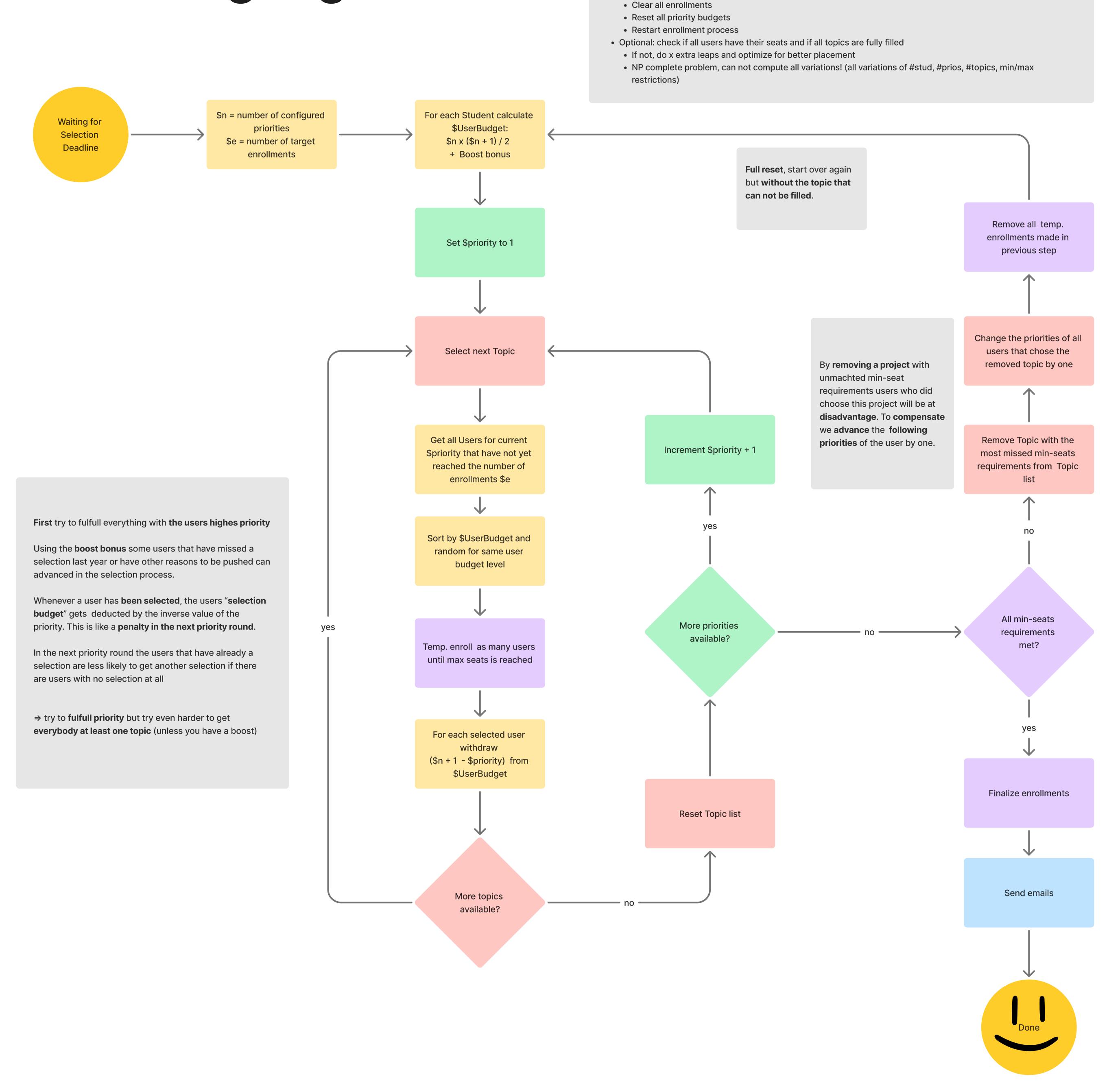
## Project Broker Matching Algorithm



**High-Level Concept** 

Loop over all topics

For all priority levels starting at level 1 do:

• Check all topics for missed min-seat requirements

• Match as many user with the current priority but not more as the max-seat requirement

• Deduct the priority budget by the inverse priority level (Level 1 ⇒ -9) for successfully enrolled users

• Sort users with the current priority by their priority budget

Randomize users in the same priority budget bucket

• Remove topics with missed min-seat requirements from list