

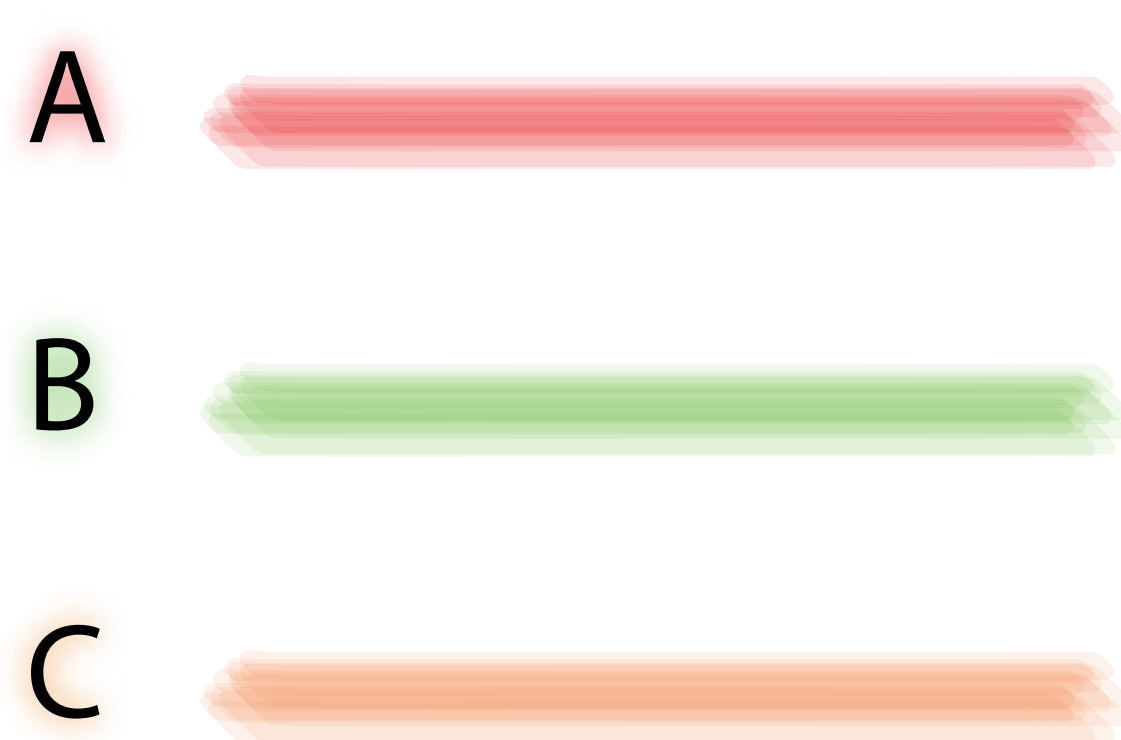
WE KNOW THAT...

- ... personalized recommendation is good.
- ... collaborative learning is good.

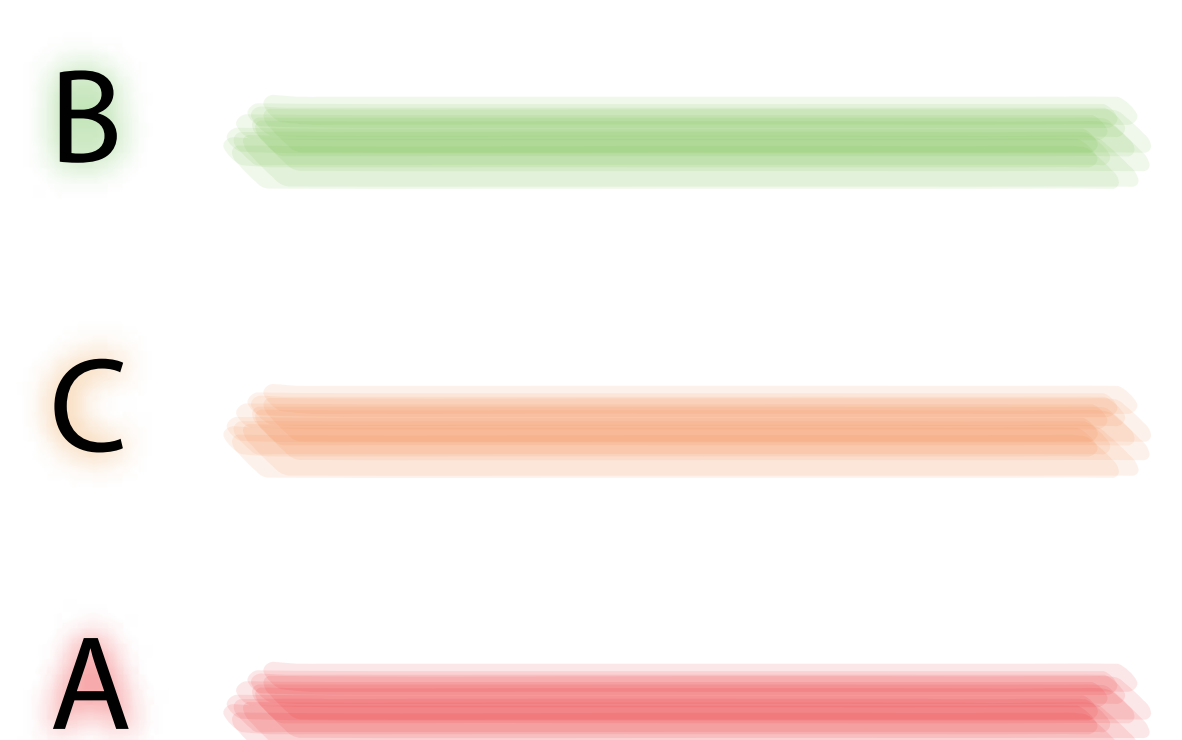
WE BELIEVE THAT...

- ... personalized recommendation in collaborative learning might be good.

RECOMMENDATION



PERSONALIZED RECOMMENDATION



STUDENT'S LEARNING STYLES

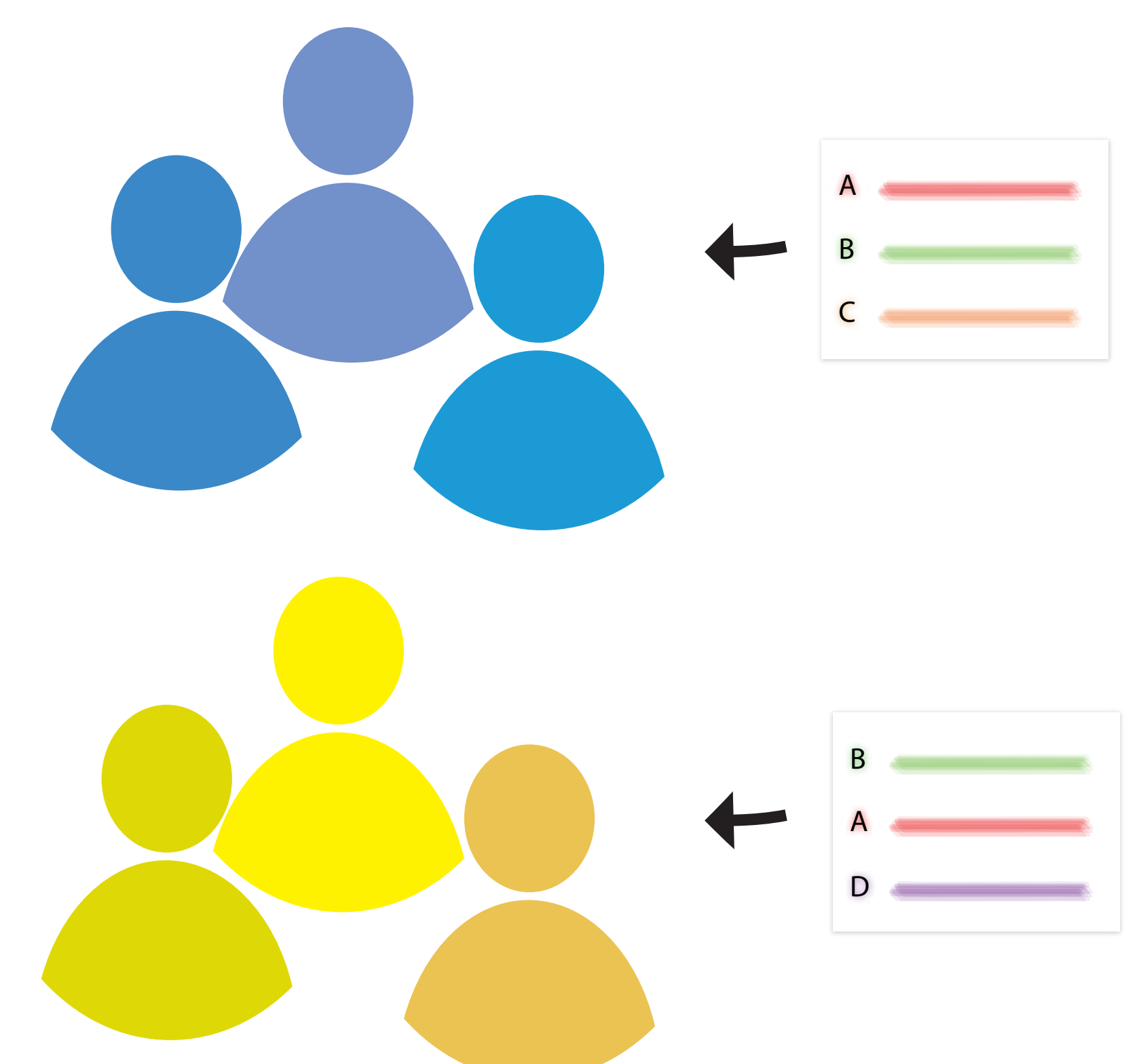
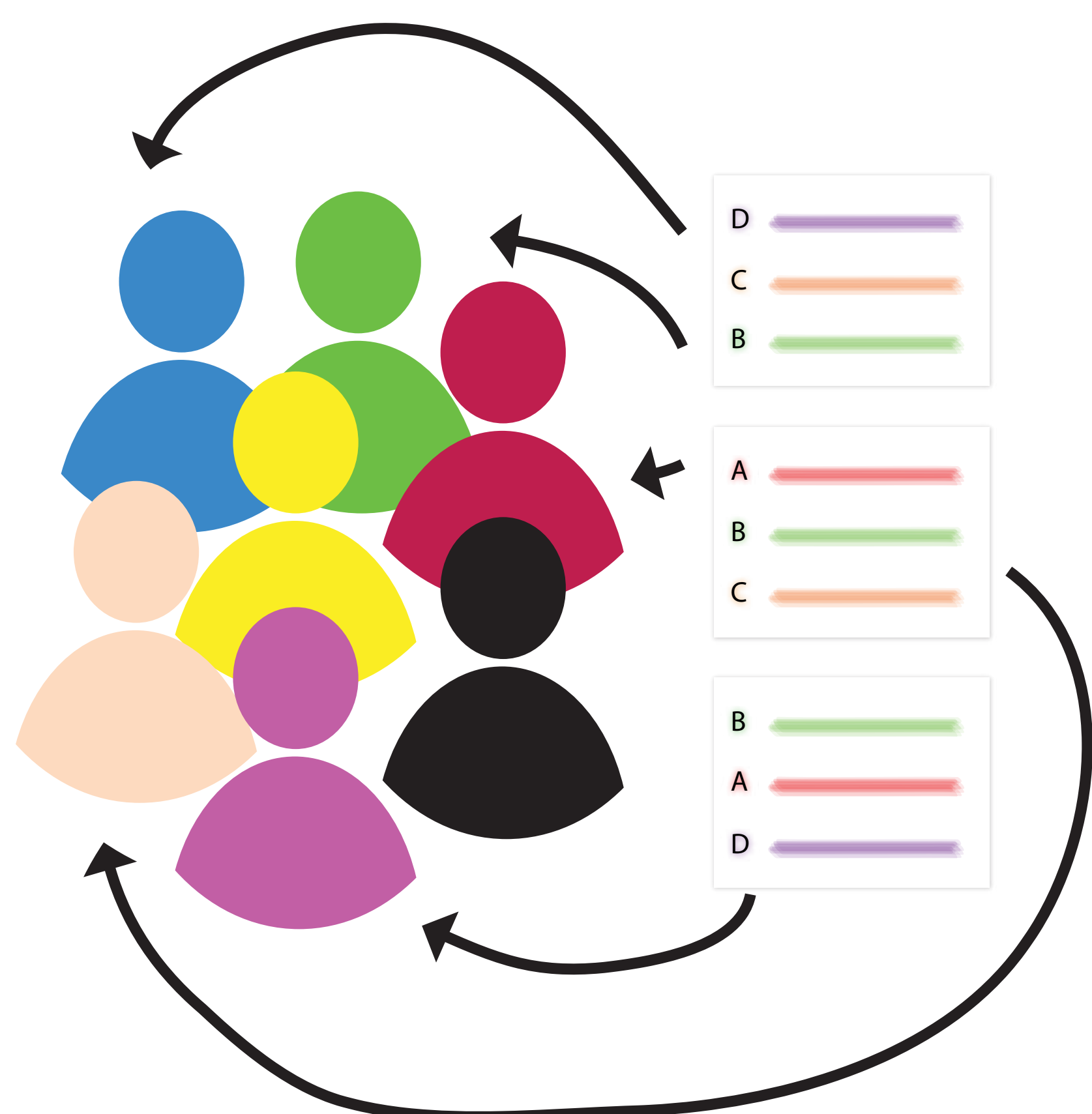


perception
(sensing/intuitive)
input
(visual/verbal)
processing
(active/reflective)
understanding
(sequential/global)

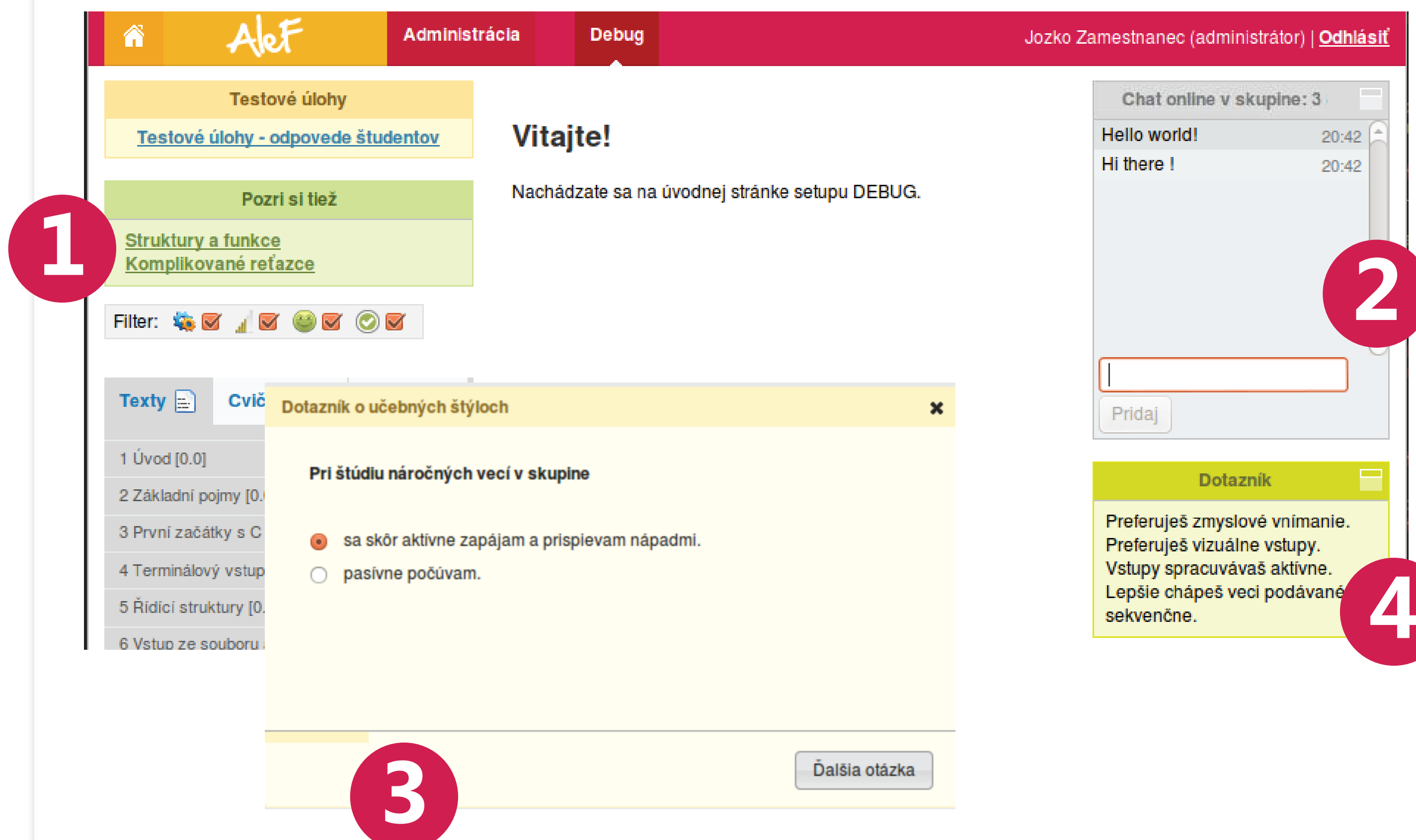
SINGLE USER RECOMMENDATION



GROUP RECOMMENDATION



1 recommendation widget



3 generic questionnaire

2 chat to support communication in groups

4 questionnaire results

Experiment 1:

- 20 participants
- compare single user recommendation and collaborative recommendation

Experiment 2:

- 7 participants
- evaluate benefits of using learning styles in recommendation