

Brief case-example of Philia's recommender system:

It is Tuesday evening and Julia has an exam in a week so she uses Philia to get some inspirational help and advice, she logs in, clicks on the digital tools of her preference/ use frequency and once the options had run, the system leads her to Philia where she notices a pop-up window and reads: "Are you still holding up okay?". By pressing the microphone option she speaks out:

- "I am tired of attending online lectures all day long! I am not keen on studying but still, I have to study a lot"

The real-time audio processing will allow Philia to offer a hyperlink on different recommendation formats (video, article, podcast, etc) that Julia would click in order to get the personalized outcome. For good-recommendation material, the extraction and cleaning-phase of similarities and patterns in Philia's database is essential and requires data stored in search-friendly databases which ultimately need to be previously approved by expert advice on education.

So she clicks, in this case, the video preference (one video will be offered by the system from the random sampling of videos related to the solution of the problem, in this respect: lack of motivation for the exam), once finished Philia would further ask two questions: "Was this helpful?" or "Do you want to check further recommendations?". In cases where signal speech detection recognizes a student to be highly discouraged and requires further assistance, it will pop up the human assessment service/ student-service window for them to optionally contact and ask for professional human support.