

Release 3 Plan for “Wow” Feature

Wow feature ideas:

1. Using an AI system alongside NodeJs in order to generate questions from Natural Language texts using a technique in machine learning known as "Natural Language Processing" in order to generate information about the text and auto generated questions for students for creating new exercise sheets. Using the spacy library adapted for Node, this feature would save time for tutors and teachers and allows them to have custom unique questions that will test the student's comprehension in depth.
2. Video Calling Feature for Tutoring Sessions, as well as the ability to save these video calling sessions and share them with different classes and students. There would also be a video display page with pre recorded content from tutors for anyone who wishes to learn from it. This feature would be used to get in touch with the tutor/professor and get immediate feedback when asking questions.
3. White Board Feature that will allow tutors to write down their notes for their lessons while they are explaining. Afterward, the tutor/professor would be able to share this note session in the Documents Page.

References:

- Spacy with NodeJs: <https://towardsdatascience.com/natural-language-processing-with-spacy-in-node-js-87214d5547>
- Video call and chat app: <https://pusher.com/tutorials/video-call-electron-part-3>
- Online Whiteboard API: <https://www.learncube.com/whiteboard-api-integrate.html>