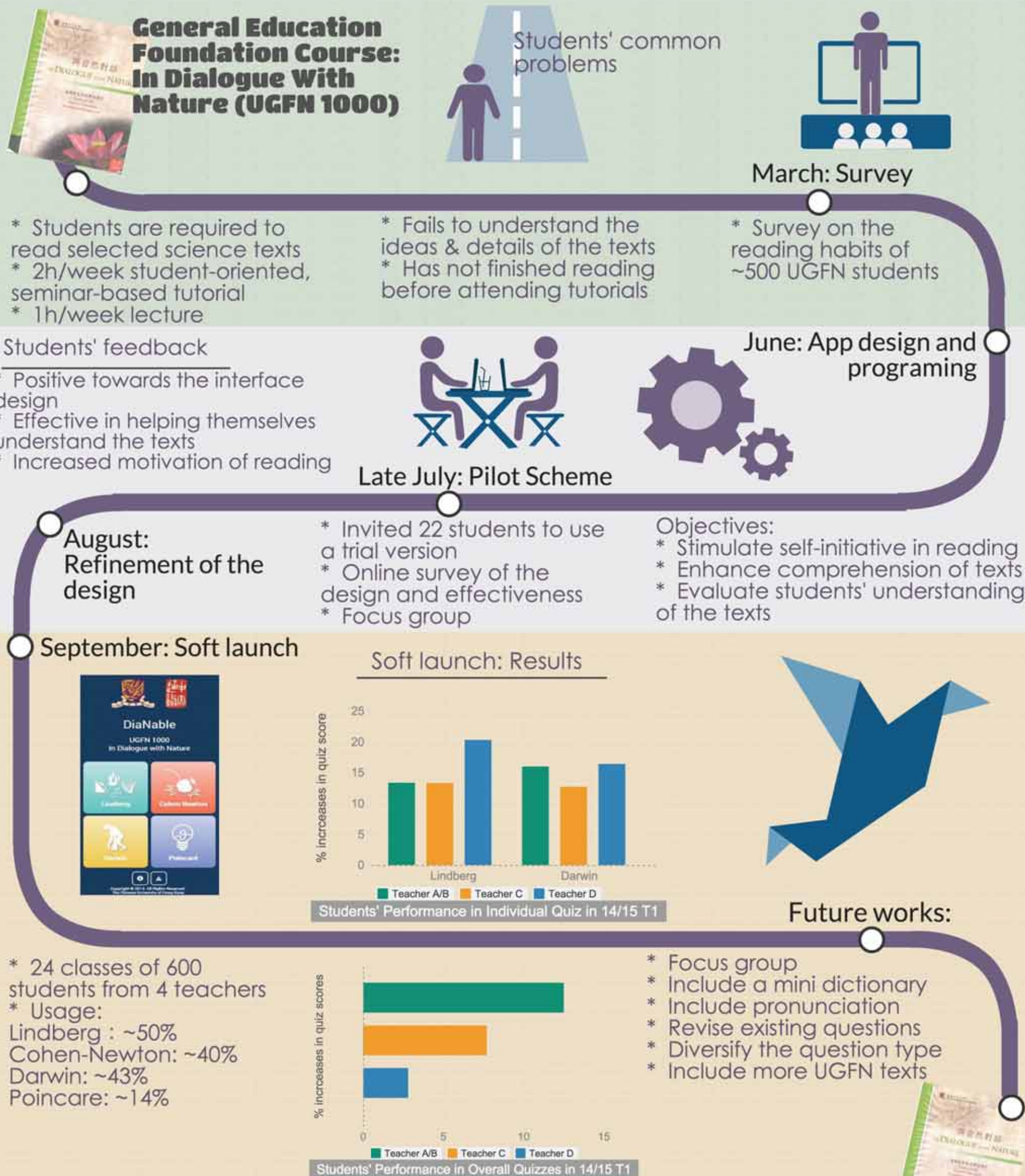


DiaNable: A reading-companion mobile app for a science core-text course

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Abstract:

Science core-text reading provides opportunities for students to gather evidences and knowledge and to explore how renowned thinkers investigate and understand Nature. Yet, some students, especially those who have not had an acquaintance with rudimentary science, find difficulties in understanding science texts on their own. DiaNable serves as a reading companion and a self-evaluation tool to help students comprehend the texts. Statistics shows that students have significantly improved in their performance in written examination, and their feedback from qualitative focus group interviews suggests that they have more confidence in applying knowledge to questions about nature of science.



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