Learning In Tech (LIT)

By

Thee InfoGeeXs

Problem statement

The objective of DAHack'23 is to develop innovative digital solutions that empower education and transform the learning landscape in South Africa and Sub-Saharan Africa.

Assessment and Feedback alongside with Personalised Learning.

Solution overview

Assessment and feedback

- On the last period of the day, we dedicate 1 hour for students to go through the assessment quiz.

- Depending on what the student scores it will generate questions targeting that specific student's weak spots.

Solution overview

Personalised Learning

- The student will go and use the platform provided and see if the student has improved through step by step marking and highlights the error and gives suggestion.

- If the student continues to fail, then they will be put up for intervention.

Technological integration

Devices needed

School Pc / School Tablet.

Technology Incorporation

AI to validate and give suggestions on how to solve or answer, and give similar questions uploaded by the school.

Camera Technology to collect the answers that are handwritten by students.

Impact and benefits

Impact

It improves how learners are taught.

Will enhance the education system as we know it for the better.

The way learner's study.

Helps the school monitor if students are understanding what is being taught.

Reduces teachers assessing methods.

Impact and benefits

Benefits

Personalized homework.

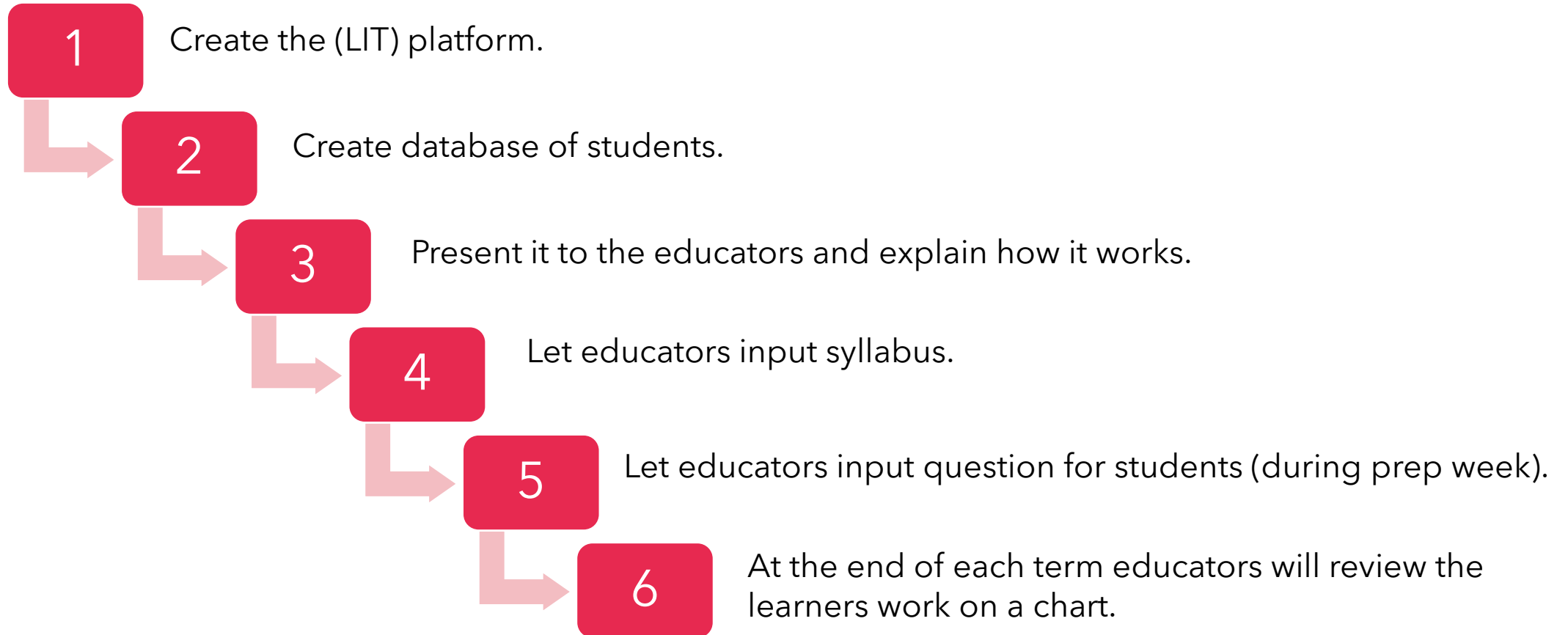Taking advantage of AI to enhance the student learning experience.

Helps the educator target the problem the learner has.

Overall performance improvement per learner.

Implementation plan

1 Create the (LIT) platform.

2 Create database of students.

3 Present it to the educators and explain how it works.

4 Let educators input syllabus.

5 Let educators input question for students (during prep week).

6 At the end of each term educators will review the learners work on a chart.

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