

Auth+

@IBA SSLA

FALL SEMESTER 2021

APPROVED BY
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Chairperson
IBA, SSLA



About IBA

The Institute of Business Administration (IBA) in Karachi is one of Pakistan's most prestigious and finest business schools. IBA was established in 1955 with support from the USAID and the University of Southern California - and it is the oldest business school outside of North America.

IBA is renowned for its rigorous academic standards, strong focus on business and management education, and emphasis on leadership development. With an enrollment of 3,500 every year, the IBA faculty includes top minds from Pakistan, as well as graduates from Cornell, Harvard, Columbia and Cambridge.

Background

During the fall semester of 2021, the department of Social Sciences and Liberal Arts (SSLA) at IBA piloted Auth+.

The motivation to pilot Auth+ stems from SSLA's commitment to:

- Promote original thinking and writing in students
- Establish scholarly best practices as a habit among students
- Increase instructor efficiency in identifying student plagiarism
- Demote student reliance on AI to evade traditional similarity based plagiarism detection
- Study instructor sentiment to the validity of cross-questioning as a technique to detect student plagiarism
- Explore the benefits of automated quizzes as a proxy for measuring learner retention to better achieve learning outcomes

The end-goal being to increase efficiency and efficacy in upholding and promoting academic integrity at IBA SSLA.

Participants

The following instructors took part in the Auth+ pilot organized by IBA SSLA:

- Aliya Iqbal Naqvi
- Rahma Mian
- Nudrat Kamal
- Baqar Mehdi
- Arfa Ezazi
- Laila Sohail Farooq

Process

Trial access was given to all instructor participants, during which they used Auth+ to generate authorship tests for their live courses.

Prior to the pilot commencing, objectives were ascertained to learn more about how instructors view plagiarism. The motivations for setting objectives, and aligning them with survey questions was to add transparency to the pilot program and to aid the SSLA department at IBA in their decision making process.

After the students gave their Auth+ tests, and instructors completed auditing Auth+ both were asked to provide feedback in a survey. This case study summarizes the findings of the conducted surveys, and the resulting feedback from students and instructors.

Instructor Survey Responses



250

Total submissions

1,500

Questions generated by Auth+

7

Courses

7

Instructors

375 instructor hours created

Every quiz Auth+ generates would take an instructor 45 minutes to create, monitor and grade **per student**. The most popular instructor feedback was the convenience which Auth+ adds in generating personalized tests on student coursework.



Q. Do you think cross-questioning a student is a valid way to detect plagiarism, and/or lack of student participation in their coursework?



Q. Do you think continued use of Auth+ will promote better learning in your students?



Q. Do you know students use AI to paraphrase papers to evade traditional plagiarism-detection?

7/10

Average Score
of all respondents

Q. How satisfied are you with the reporting and user experience of Auth+?

7.3/10

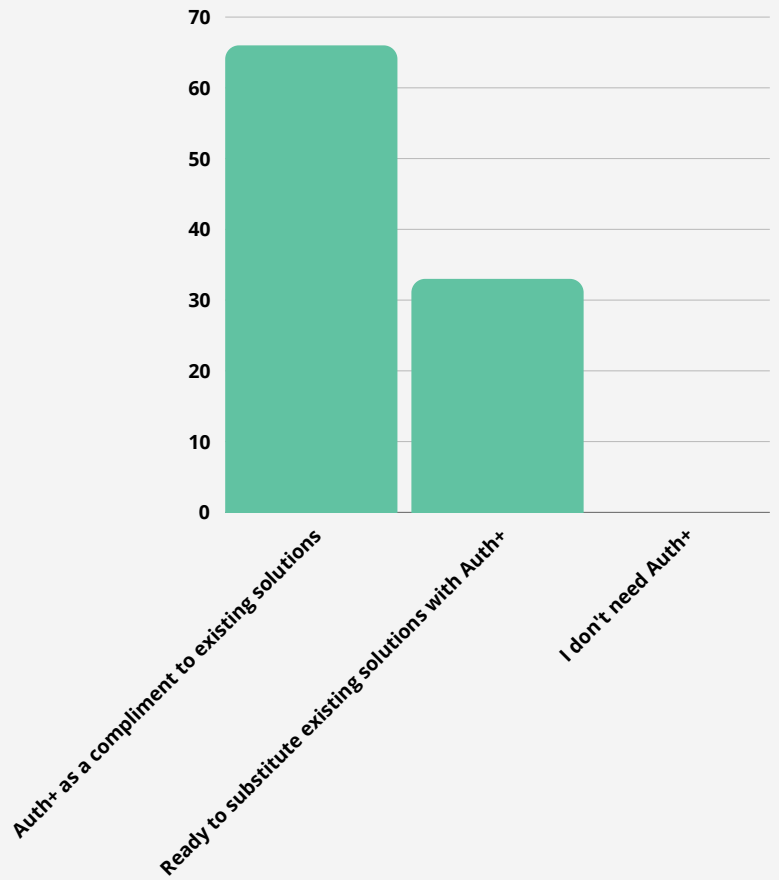
Average Score
of all respondents

Q. Compared to your existing system, how much MORE confident does Auth+ make you that students are motivated to do their own work?

Instructor Responses. 2

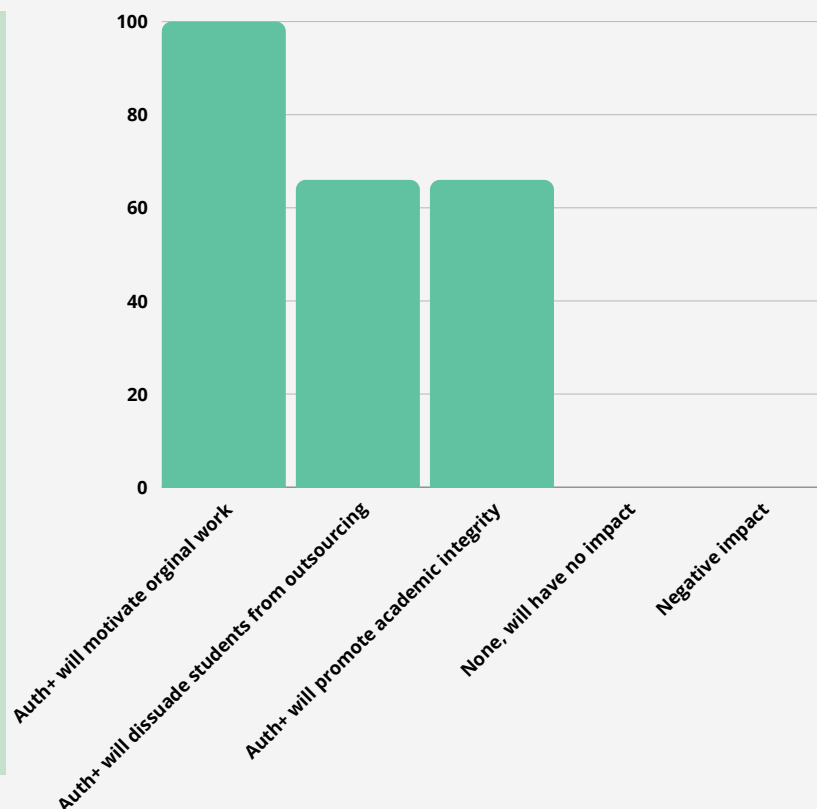
Q. With regards to plagiarism, how do you see yourself using Auth+?

- Auth+ compliments existing solutions very well
- I am ready to substitute Auth+ with
- Auth+ adds no value to my toolkit



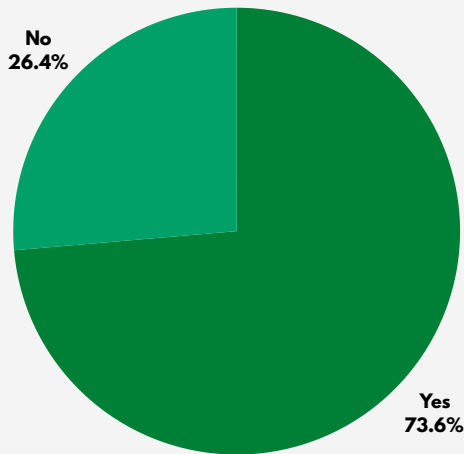
Q. What impact do you feel Auth+ will have on work submitted by students? Select all that apply.

- Auth+ will help motivate students to produce more original work
- Auth+ will dissuade outsourcing
- Auth+ will promote academic integrity
- None, it will have no impact
- It will negatively impact student thinking



Student Survey Responses

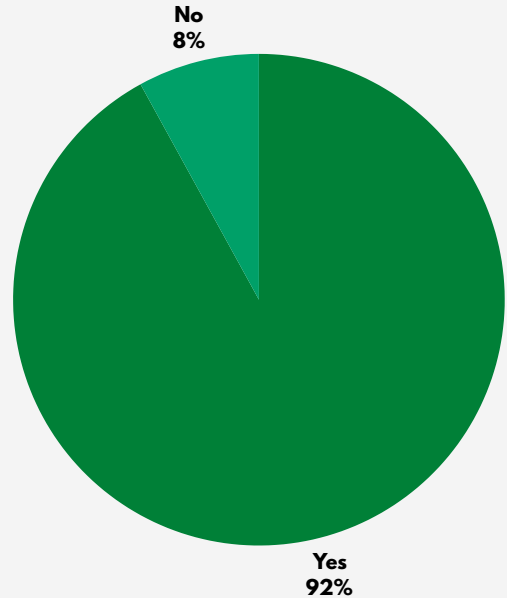
Ease of Use



Did you find the testing process easy to follow and complete?

Most students found Auth+ easy to use. This means low-friction and no training is required post implementation.

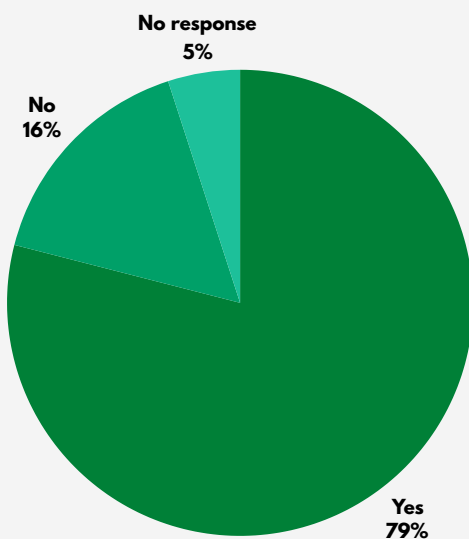
Recall



Were some options easier to pick because reading them reminded you of writing them?

This proves that an overwhelming majority agree with the cognitive premise of Auth+.

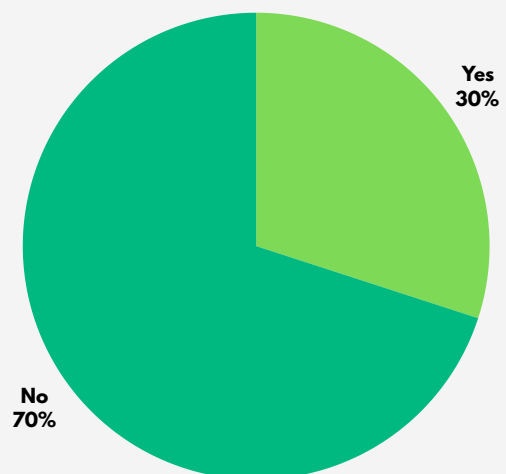
Relevance



Do you feel the questions were relevant to your submission?

The more relevant the students find the questions, the more students are likely to engage with Auth+.

Preparation



Do you feel the test requires preparation if you wrote your own paper?

A majority of student respondents agreed that they require little to no preparation before using Auth+.

Quotes from Students

"I actually loved the quiz, and how the alternate options included material that was cleverly related to my topic, but wasn't what I actually wrote. Because I was confident of what I had written and spent extensive time organising my content, I found the quiz fun and super easy."

Arisha Salman

"I have not used such a software before, so this was a first for me, and I quite liked it."

Rumaisa Mushtaq

"It was more tedious than turntin. I enjoyed the questions, they were fun to take."

Syeda Sana Bari

"What I liked was that the multiple choice options were easy only for someone who actually wrote their paper..."

Muniza Zahid

"I hated that it was too simple, but then it made my life easier so I like that."

Rania Nasir

"The one thing I loved was the entire concept of this method of verifying. 100% of the time if the person hasn't written the document themselves, they will face great difficulty."

Zaid Emad

"This is an interesting way to check plagiarism, but it was a little time consuming as compared to just running the paper through a plagiarism checker."

Kanwal Azim

"I think this test is beneficial for detecting plagiarism and should be used in every course, since a lot of students have started outsourcing their work now."

Ayesha Rehman

"I liked that it gave me the opportunity to prove that I wrote my own speech. It was a more personal experience unlike Turnitin, that only compares your work to others, even if it's an original piece you might get a plagiarize check."

Nawal Malik

"I liked that it was quick and easy to follow, I disliked how some of the answers for the mcqs were very similar it would be easy to mess up on a synonym and have a teacher think it plagiarized."

Nimrah Moin