

# Evaluation of the use and acceptance of mobile apps in higher education using the TAM model

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## THE APPS

The constant use of technology, devices, and mobile applications (apps) has triggered a substantial and important boom in the app and technology industries.



## IMPACT ON EDUCATION

For these reasons, the need arises to study and fully understand the impact and adoption of mobile apps by student teachers, who are the future teachers.



## APP ACCEPTANCE

To address this need, research was conducted using an app acceptance questionnaire based on the Technology Acceptance Model designed and validated for this study.



## SAMPLE

The research involved a total of 205 students enroled in the Information and Communication Technologies Applied to Education course of the Primary Education Degree.



## DATA - RESULTS

Data were collected using a validated questionnaire through exploratory and confirmatory factor analysis based on the TAM model. The results revealed highly positive perceptions of the apps by the students, whose mean was 4.4 out of 5 points and a reliability of 94.5%.



## APPS AND LEARNING

This supports the strong impact of mobile apps on learning content in university contexts.



## CONCLUSION

In conclusion, the highly positive perceptions of the students indicate that applications should be integrated into their training. This integration not only facilitates the learning of specific content, but also promotes the development of new key competencies and various skills, essential for the training of future teachers.

