

A study on technology acceptance to support personal decision-making on a college campus

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Problem Statement.

Our objective is to ascertain the willingness of undergraduate students to embrace an application that employs Wi-Fi-based technology for the purpose of determining building occupancy. We hypothesize that the inclination to adopt this technology may differ depending on the subsequent factors:

- Social anxiety.
- Pandemic fatigue.
- Political affiliation.
- Privacy and security concerns.
- Pandemic vulnerability.



Introduction

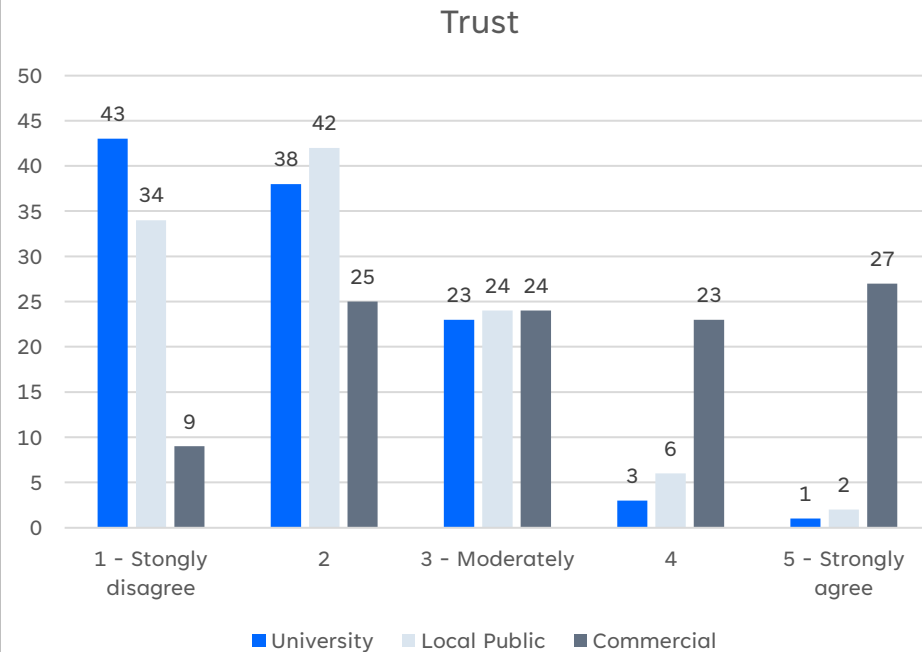
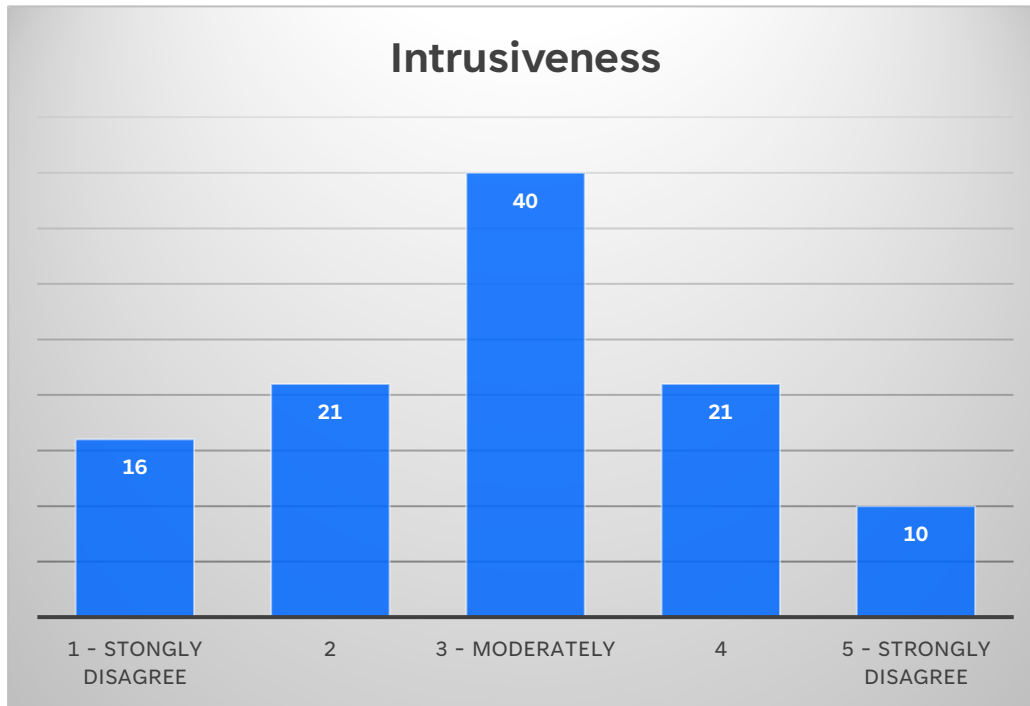
The first phase of this study began during the COVID-19 pandemic and the result gotten from the analysis of that data revealed that individuals demonstrated a positive inclination towards using such an application in their decision-making during crises.

The commencement of the second phase marks the objective of determining whether user willingness can be established in the absence of the pandemic's influence..

Summary

The initial analysis of the data collected during the pandemic revealed that individuals demonstrated a positive inclination towards using such an application in their decision-making during crises. Currently, the second phase of the study is underway, and we are trying to determine if undergraduates are still willing to make use of such an app without the threat of the pandemic.

Factors That Could Affect Willingness Analysis.



Skills Acquired

1

Research

I gained significant understanding of the research process.

2

Language

Learnt R and was able to use it for univariate data analysis.

3

Survey Dissemination

Learnt how to send surveys to several people in a respectful and concise way.

4

IRB

Learnt about the IRB review process. I have a deeper understanding of several ethical dilemma's

5

Presentation

Gained an in-depth knowledge on how to present.

Research Experience Gained

- Learnt how to read research papers and extract necessary information from them.
- Got understanding of the several processes involved in research.
- Gained exposure to the academic and research community.
- I gained insight into several ethical considerations and have learnt proper data handling and how to avoid biases, among others.
- Gained a hands-on experience.
- Data Analysis.
- Learnt how to write a research paper.





Thank you

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Dr. Tera Reynolds

Dr. Roberto Yus

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