## Design and Development E-Sangu the Financial Planner Based on Mobile Technology

Hafizh Naufal Hizbullah, Daffa Pratama, Arda Muhammadan Arifin, Gusti Pangestu

Computer Science Department, School of Computer Science,
Bina Nusantara University
Jakarta 11480, Indonesia

hafizh.hizbullah@binus.ac.id, daffa.pratama@binus.ac.id, arda.arifin@binus.ac.id, gusti.pangestu@binus.ac.id

## Abstract

In this age, the use of technology has become a necessity. This includes the use of technology in the financial sector. In finding a problem, the addie method can be used to find the right solution. In this case, the addie method is used to create a solution from budgeting. This research provide a development process for building applications based on mobile and focused on financial planner. Financial planner became one of the most used application especially for the young ages. However, lot of financial planner only focusing on large transaction. Hence, this application called E-Sangu provide a solution to plan and arrange budget based on every-day activity especially for young ages people.

## Keywords

App Development, Mobile, AI, android

## Acknowledgements

This research is supported by BINUS University, Indonesia.

**Hafizh Naufal Hizbullah** is currently a student in Computer Science Department in Bina Nusantara University @Malang campus. Also, he is an entrepreneur and researcher enthusiast in web and mobile programming.

**Daffa Pratama** is currently a student in Computer Science Department in Bina Nusantara University @Malang campus. Also, he is an entrepreneur and researcher enthusiast in web and mobile programming.

**Arda Muhammadan Arifin** is currently a student in Computer Science Department in Bina Nusantara University @Malang campus. Also, he is an entrepreneur and researcher enthusiast in web and mobile programming.

**Gusti Pangestu** is currently a lecture in Computer Science Department in Bina Nusantara University @Malang. He also a student in Doctoral of Computer Science. He finished his bachelor's degree in 2016 and his Master degree in 2019. Both of bachelor and master are focused on app development and artificial intelligence. He start his career on researcher and lecturer started from 2020.