

## ABSTRACT

*Technology has improved rapidly in the past several years, this caused a lot of new startups coming with a digital solution or digital products also other companies that added services in their form of digital product. This come with a raise on the demands for digital talents in Indonesia. But the truth is, the talent pool capacity and quantity in Indonesia is still not able to fulfill this demand, it even has a wide gap of supply and demands. Lots of companies who wants to scale up or expand to a bigger market tends to use talents from abroad. This gap caused by several factors, one of them is lack of source to improve the talent skills and also lack of fundamentals from any digital skills that the talents in Indonesia already possessed.*

*To tackle this problem, GrowUp was founded to bridge the gap between the supply and demands also the quality of digital talents in Indonesia. GrowUp will create a website based online course platform which inside of it will be filled with contents that are crafted with FCP (Fundamentals, Conceptual and Practical) method, so that the user will have strong fundamental and problem-solving knowledge as well as how to applicate those knowledge to help Indonesia's digital ecosystem development throughout the future. A web-based platform will need an application that could supply it data transaction needs and also other transaction that occurs on the platform. The research will be focusing on REST API implementation on developing the backend application for GrowUp platform so it could support the data interchange and process operation inside the platform.*

**Keywords:** *Backend Application, GrowUp, Rest API.*