

## ABSTRACT

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*The PDDIKTI reporting application at Telkom University currently still uses manual methods which require a lot of labor, are time consuming and prone to errors, and often produce inaccurate data. Therefore, the T-Feeder application was developed to manage and report PDDIKTI data electronically, avoiding time-consuming manual processes. This research focuses on developing the T-Feeder API to send data from the T-Feeder application to PDDIKTI. The aim of this research is to develop and implement an API that is capable of sending data from T-Feeder to PDDIKTI, thereby reducing errors and the time required in the PDDIKTI data reporting process. Problem limitations in this research include the use of the waterfall model, focus on backend aspects without frontend integration, and limited development of login features, profiles, user roles, faculty lists, and study program lists. The conclusion of this research shows that the development and implementation of the T-Feeder API succeeded in sending data to PDDIKTI efficiently, reducing the number of errors and time in the PDDIKTI data reporting process.*

*Keywords: PDDIKTI, T-Feeder, API, Backend*