

## **ABSTRACT**

*Registration of new students becomes an annual routine activity of every school so that schools must provide the best service to prospective new students who want to register. With that, schools need activity assistant applications such as registration applications. However, there are still many schools that still apply conventional services. In the case study of RA Alhidayah Logam Bandung has a registration system that is still classified as manual. because RA Alhidayah is an early age school so registration is carried out by parents / guardians which makes the school must provide a large place to welcome new students and parents, plus it will be one of the obstacles for students who live quite far from school. This becomes less effective and efficient which causes the workload to increase because data input by administrative staff is still manual which causes savings in important data such as form files, registration requirements etc.*

*Based on the above problems, a New Student Registration application was designed as a solution to the problems that occurred. This application will be designed using laravel as a website framework, API Gateway as a database connector, flutter as a mobile application framework. The New Student Registration application is divided into 2 parts, namely a website and a mobile application where the application has the right to access admin rights, namely managing application banners, managing parent accounts, managing student data, and managing registration schedules. The mobile application section has the right to access user rights, namely registering, uploading registration files and making payments. Where the user here will be used by parents / guardians.*

*The result of this final project is the New Student Registration application which is useful and becomes a solution to the problems that exist in RA Alhidayah Logam in carrying out school registration activities for both administrative staff and RA Alhidayah teachers as well as prospective new students and parents who were previously conventional. That is parents come to school to take forms online, that is parents can register using this New Student Registration application.*

**Keywords:** *New student registration, Laravel, website, mobile.*