

### *Abstract*

*The development of the Antria application involves many parties, each of whom has different interests, depending on their respective contributions in the application development process. This difference needs to be bridged with a role for one individual, namely a system analyst and tools that are easy for stakeholders to understand. With the Unified Modeling Language (UML) approach, it is becoming a solution that is increasingly being used in the field of software application development. The UML approach needs to be encouraged from the beginning of the software development process. The UML approach offers several diagrams that not only make it easier for users to define their needs, more than that, UML makes it easy for programmers, database designers, UI/UX designers, and also system analysts to collaborate and communicate about application creation techniques. From what the author has experienced in utilizing the UML approach, the software development process can be carried out in a more coordinated manner. As this method is widely used and valuable in the software industry due to its standardization, flexibility, and ability to support effective communication and documentation. The UML approach is used to develop Antria applications which are needed by many users of the Antria platform, including customers, partners and owners of the partners themselves.*

*Keywords: system analysis, application design, Antria, Unified Modeling Language (UML)*