This project aims to develop a mobile application dedicated to the online sale and repair of products for Caluire Mobile, a mobile phone shop. The goal is to provide a smooth user experience allowing users to browse, purchase products, or schedule repairs and pickups from mobile devices. Compatible with iOS and Android, the application will be built using React Native CLI and MySQL for data management, with REST APIs for communication between the front end (in React Native CLI) and the back end (in .NET 8).

The application will include several key features to enhance the customer experience, such as creating personal accounts, a secure payment system, and advanced search and navigation options. Users will be able to interact via a chat system to communicate directly with employees and benefit from a section dedicated to repairs and pickups, with an express option for faster service at an additional cost.

From a technical perspective, the application must offer high performance to support a large number of simultaneous users, ensure the security of user data and transactions, and use clean code, which will also allow us to add unit tests.

The project deliverables will include the functional mobile application for the specified platforms, as well as detailed documentation containing the user manual and deployment instructions. Numerous meetings have taken place with the client to determine the functional requirements of the application.