# CareConnect Specification Document

1. Introduction

* Care Connect is a mobile application designed to connect parents with babysitters. It provides a platform for parents to search for qualified babysitters based on their specific needs and preferences.

1. Functional Requirements

**User Authentication:**

* Users should be able to sign up and log in securely.
* Users can specify whether they are parents or babysitters during the sign-up process.

**Profile Management:**

* Parents and babysitters can create and manage their profiles.
* Babysitters can upload relevant documents such as resumes and certifications.

**Document Verification:**

* Babysitter profiles are subject to review by an admin before approval.
* Admins can approve or decline babysitter profiles based on the submitted documents.

**Search and Match:**

* Parents can search for babysitters based on criteria such as availability, experience, and special skills.
* Babysitters can indicate their availability for babysitting through the app.

**Messaging:**

* Parents and babysitters can communicate with each other within the app.
* Messaging functionality should be fast, reliable, and secure.

**Scheduling:**

* Parents can schedule babysitting appointments with available babysitters.
* Babysitters can manage their schedules and accept or decline appointment requests.

1. Non-Functional Requirements

**User Interface:**

* The app should have an intuitive and user-friendly interface for easy navigation.
* Design should be responsive and optimized for mobile devices.

**Performance:**

* Messaging between users should be real-time and responsive.
* The app should be able to handle a large number of users and concurrent messages.

**Security:**

* User data should be encrypted and stored securely.
* Measures should be in place to prevent unauthorized access to user information.

1. Technical Requirements

**Development Platform:**

* The app will be developed using React Native and Expo for cross-platform compatibility.
* Firebase or a similar backend service will be used for user authentication, data storage, and real-time messaging.

**Compatibility:**

* The app should be compatible with both iOS and Android devices.

1. Conclusion

* Care Connect aims to provide a convenient and reliable platform for parents to find trustworthy babysitters for their children. By implementing the features outlined in this Cahier de Charge, we aim to create a seamless user experience that meets the needs of both parents and babysitters.