

## **Skooly – Case Study**

### **Overview:-**

Skooly is an app which connects schools with homes, teachers with parents, thus making sure that parents are aware about each and every activity academic or non-academic going on in their kid's school. Our client realised that lots of important information was not getting through to Parents because of several other reasons like the changing phone numbers, addresses and letters not always read. The app helps teachers inform parents about behaviors of student they want to encourage at home as well.

### **The Challenge:-**

Our team of mobile app experts analysed the project requirements in detail. They faced a few challenges during the initial phase of the project. The challenges include:

1. Chatting client side implementation was one of the challenge.
2. The most challenging phase was the GCM (Google Cloud Messaging) for generating notifications.
3. Another Challenge was local database to maintain complex data and relation.
4. Automatically reporting powerful crash by the server was tho most challenging part.
5. Integrating Google analytics with the app was the bigger challenge.

### **The Solution:-**

Keeping the challenges in mind and analyzing the exact client requirements, our team proposed a solution which contained following features.

1. Xabber Service was used for implementing Client side Chatting.
2. For maintaining local database SQLite was used.
3. Fabric was used for the Crashlytics.
4. App contains feature of the Custom Calendar similar to the Google one.
5. App contains one to one communication between Parents and teachers.
6. It includes the feature of creating events. Teacher can create Three types of Events i.e. Class Event, Holiday and homework. Here user can create chat rooms of the class.
7. App contains the feature to share the moments, Dairy and notification alert.

### **The Expectation:-**

This app allows parents, teachers and students to communicate and collaborate by sending messages, sharing photos, notification, diary and much more. Skooly app focused on its obligation to equip students to excel in the rigorous curriculum requirements and prepare them for the modern workplace, with an emphasis on writing, presentation and collaborative learning skills. This app would be useful for any school.