



Case Study: About

McCracken Group provides talent and consulting services which designs, builds and operates various businesses, one of which is related to software application.

Needs/ Challenges:

The client was looking to develop an app that would help end users in dangerous situations. An app that lets user's close friends or family members know if user is in any type of danger or feel unsafe at any time.

Solution:

Spiralogics started researching different technologies and began working on developing a safety app to address the needs of the client.

WalkSafer was built to be a simple application with less complex components working together. It included a mobile and web application for users, along with a database to store their basic information. The application allowed users to stream live videos to their safest contacts. The recorded videos were streamed using Ant Media Server and stored on Amazon S3. The application used third party tools One Signal for Push notification and Twilio for SMS notification to the user. All the components interacted with a common database which worked as central storage.

Users could access WalkSafer application using both mobile application and desktop application. The mobile application was developed using Java and Kotlin for Android whereas iOS application was developed using Swift Language. The desktop application was developed using C# language with the help of API's developed in .NET. Both apps consist of different modules which work together to create a full-fledged working application.

Conclusion:

Spiralogics delivered the first phase of the project within five months. The second phase of the project was delivered eight months later, which included enhancements and additional features requested by the client.