Developed a micro-service to empower Sweden-based Accounting and Scheduling Mobile Application

Client Profile:
The client's company was started in 2010 with a vision to radically simplifying scheduling, planning, and time reporting for businesses. The company is based in Malmö, Sweden, and have a fantastic team of skilled developers, support technicians, and service-oriented sales people.

Challenges:
- The client existing accounting and scheduling app lacked functionality that can connect the app to a third-party accounting software
- The existing system was unable to transfer invoice data entered by users or customers to the third-party accounting software
- In addition, the system was incapable of updating the invoice data if users made changes in the third-party accounting software
- The client reached us with a requirement to develop a module that can streamline all of the above challenges

Solution
Experts at KCS analyzed all the challenges and requirements and decided to develop a powerful micro-service that amplifies their accounting and scheduling mobile application. Here are some of the solutions that we offered to the client:
KCS Approach

With the help of the latest Node JS platform, our developer built a cutting-edge micro-service that resolved all the challenges that client’s accounting and scheduling mobile applications faced earlier. The use of built-in APIs and function supported our micro-service to execute all the operations in no time.

Outcomes

- Our solution to develop a micro-service streamlined client’s entire accounting and scheduling mobile application.
- The app is already deployed over the App Store and Google Play and is downloaded by 10,000 users.
- The app is now able to transfer invoice data entered by users or customers to the third-party accounting software.
- It can also synchronize the invoice data if users made changes in the third-party accounting software.
- Users as well as customers can also fetch the data from the accounting software anytime anywhere.

Tech Stack

Developers at KCS used the latest Node JS platform to develop a powerful micro-service for the client. The micro-service disintegrates the accounting and scheduling app into small services and allows enhanced modularity.

The primary reason to use Node JS for developing micro-service is that it has a rich database of various JavaScript modules that simplified our development process.

Our developers also used built-in APIs that support micro-service to execute all the operations in micro-seconds.

This micro-service helped the client’s accounting and scheduling app in connecting with a third-party accounting software.

The micro-service helped the client’s app in transferring invoice data entered by users or customers to the third-party accounting software.