

Doctor's Appointment Web Application



Overview

Practice Management Software company has developed a windows solution which is useful to medical practice managers, surgeons, specialists and general practitioners of all sizes. As the user expectations are rapidly changing, to retain their customer base and attract more customers, company is planning to develop a web application. Nexgile has been contacted by the company to develop a solution which is scalable and high security standards. Nexgile has developed a web application to extend the windows platform to a web interface with responsive UI to be used on any device.



Challenge

Main challenges in this project are connecting the database which is hosted on premise with the web application to streamline the database and power the users with latest features.



Solution

Nexgile has analysed the challenges and developed a solution to handle the database along with the web application to view the appointments by the consultants/representatives. We have developed a responsive web application which can be easily accessed on any browser with any screen size. This application has been planned in an agile model to deliver more features to users based on the feedback from them.

- Developed MVC based web application which helps to scale the application to any level
- Developed APIs to expose the windows application to the web interface
- As a first phase Appointment View has been released which allow consultants to check their appointments for a particular day and provide the consultation feedback in the app to synchronize the process
- Implemented responsive User Interface to align the UI for screens with different sizes
- Implemented features to upload the images and reports related to a particular case/consultation
- Utilized cloud database to perform the user authentication process



Key Benefits

- Enabled the windows application to a web application with APIs
- Enhanced user experience and productivity
- Increased in user base and revenue
- Responsive UI has eliminated the need of a mobile app
- Web application has met the guidelines of healthcare regulatory body