Responsive Design

Case Study

The need for a **mobile-friendly site** is important to a business' success. Responsive web design is an approach to web design aimed to provide great experiences for all users, regardless of the devices

Challenges

Acme Telemedicine, is a telemedicine startup wanted to rebuild their current unresponsive website. The existing customers, typically doctors, were finding it difficult to access it from the desktop or laptops

Technologies

- .Net Framework 4.5
- MVC
- HTML5
- CSS3
- Bootstrap
- jQuery
- KendoUI

Approach

InfoVision Labs team observed that the users, typically doctors, are always on the move & can't attend every telemedicine appointment from their desktop/laptops.

Based on this analysis, team developed a highly responsive framework in Agile environment that supports multiple form factors.

The team started with basic out of box design in agile environment using Microsoft's MVC framework, HTML5, jQuery & CSS3. Looking at the available choices, the technical team selected Bootstrap, a widely-used framework for the new website that supports responsive design & also lot of support is available through different forums. Bootstrap also reduces the efforts required for verifying the browser compatibility issues. The use of lightweight jQuery controls across the website helped to improve the performance by reducing the load times of the website.

The QA team tested the developed application on different form factors & based on the testing results the dev team customized the application to support the responsive design on both, desktop & handheld devices as well.

As a result, the customer received a highly responsive design, faster upgradation to their existing slow website & also observed increase in the number of registration within short period of time. This also helped doctors to complete their tasks even when they are on the move & patients found it easy to connect to the doctors and get the consultation at any time & at any place

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