Brief Description of Tech Stack

Introduction

The client made a request for an application that will allow her to capture attendance records of her students for the year and report on the data by term.

Conflicts

The client has a laptop that does not allow for new installations of applications.

The client has an IPhone that the user can use to capture attendance records.

The conflict is the windows and IOs operating system differences.

Solution

The best option was to create an ASP.net core MVC web application with Microsoft SQL databse.

This allows to application to be hosted on a server where the client can reach it from any operating system. MVC also allows for the scaling to fit to any device be it a tabled, PC, or phone.

I would host the web application on a hosting platform where I can make additional changes, updates or add new functionality without disturbing the client or having to instruct how to install applications on her phone.