teaCHAIR

Creating a seat plan manually can sometimes be both time consuming and frustrating for an instructor. teaChair was created and design to make it easier just by downloading different layouts (e.g. Laboratory, Lecture) where you can add, remove, edit the name of students on each box, who are enrolled on that class. Through this application we can guarantee that the instructor will surely save time.

An offline mobile application that provides instructors an easy way to assign and organize the seating arrangements of the students.

This application is a type of mobile development in which the application is built to run from a central server, from where it can be accessed by any mobile devices like Android and IOS Phones. It is very functional while offline especially when users may lose network connection while on the move. Also, retrieving resources from the server locally is more reliable because resources load faster.

teaChair application can adapt its content to mobile devices through a responsive design. The application maximizes the entire screen when loading it up. The application resize itself so that it is in correct size whatever the screen size or orientation (from portrait to landscape, or vice versa) of the device.

Web technologies such as HTML5, jQuery, Mobile Web Canvas, Materialize and others are used to develop the application. The underlying technologies are JavaScript, HTML and CSS.

User Interface

The main user interface is generally the instructor’s navigating interface and also serves as a landing interface to attract instructors. This interface is facilitated with a “Generate Seat plan” button. An overview of the application is also included in the main user interface.

The instructor will have to choose whether the class he/she wanted to create is a laboratory layout or a normal classroom layout.

This interface is facilitated with the chosen layout and has an “Upload File” button

After the generating the students’ seat plan, it can be downloaded or saved as an image.