Hello, this is a website called Tennis Academy. It represents a tennis club where people of any age can be trained and have tournaments between them. The main item of this website is the calendar where the admin, and more specifically the system arranges matches between the students and the admin and students can view the dates they are playing using that calendar. Also the admin can add extra matches for any members to play against each other. It is a single page app. All the information can be found in one. Also the website has one page for the user and one for the admin and are HTML5 compliant. The website is dynamic and all the information is loaded without the page being refreshed.

This is the index page and it shows information about the tennis academy. As you can see as I scroll down, the navbar shows the user which section where he / she currently is on the page. A user can also log in at the top right corner and see the same information and in addition all the matches of the tournament or their induvial matches. Furthermore anyone can register to the academy. Moreover the index page is mobile optimized and responsive. The navbar collapses to a hamburger menu and also the calendar is optimized and all the dates and matches can be seen by scrolling horizontally.

So to show you how this works I will first log in as an admin and create a new tournament. The tournament that is created is based on the best 8 players of the academy. So this is the admin page. Here the admin can see a list of members in the academy and also can search for any users. Lets search for example the member doctorwhocomposer. As we can see a pop up appears on the screen and also if multiple searches are done they are displayed in a table. The next section of the admin page is to create a new tournament. There the admin can press the button to create a new tournament or press the button to get the winner. When the admin presses the button any previous tournaments will be deleted. The next section of the admin page is the actual calendar with the tournaments. There the admin can press the button procced to next round to start the tournament and also move to the next round when the current round is finished. So after the admin presses the button the matches are created and placed inside the calendar. There the admin can press on the date and select the winner. As we can see there is some error checking as well. The admin cannot select 2 players, cannot leave the pop up blank and also cannot select the same date twice and change the winner. After each round is complete the admin presses the green button to generate the next round of matches. This is repeated until one player wins the tournament.

Here lets log out and check that the matches are actually displayed on the client side. I am going to log in as doctorwhocomposer again. Here we can see the generazlized timetable where all the matches are displayed and then we can view the personalized timetable as well. So logging back to the admin side notice that the matches are not lost and also by refreshing the page the round is saved as well. So the admin can log out and log in and complete the tournament. Now we are going to complete the tournament. As we can see here doctorwhocomposer is the winner. Also the winner can be found by pressing the button get winner. Lastly the admin can add a new user as well.

Here we can add a user for example called “Joshua”. We can add a username that already exists to see the error that pops up. The access token is concertina for all users and is passed automatically so no error can occur but the check for access token is still there. Lastly when we add the new user we can see it in the table in the section List users.