

Support Tools

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In our contribution, we present several tools that simplify work with data taking shifts at COMPASS experiment at CERN. At first, we introduce online shift reservation tool. Administrator (or year coordinator) can use the tool to define list of shift for given data taking period. Members of the experiment use the tool to sign in for shifts according to their preferences. The tool automatically calculates served shifts for each institution, moreover concept of coefficients that rate different types of shifts (night, weekend) was introduced. In the second part of our talk, we present electronic checklist which would replace need to fill in paper forms. The shifter downloads form prepared by administrator into tablet, fills it in, and uploads the result. The application is able to work offline, moreover it verifies that all values are valid and within correct range. Both applications are prepared for deployment in the case they are approved.

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