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Design of database for PMT mass production

Lots facilities need a mass test for their detectors and need a special database to manage the test result. Aiming at the practical requirements, such as Photomultiplier Tubes (PMT) and readout electronics cables, the paper introduces the design of related database based on the ionic platform. Angular.js, ionic, HTML5 are used for front-end services and node.js and MySQL is used for the back-end services. The database software can run in different browsers (Chrome, IE, Safari) and different systems (Windows Phone, Android, IOS) by using the same codes. By organizing the data well in this way, this database could promote the work of mass tests.

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