

Title: Web application for concert database management

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Abstract: The aim of the thesis is to develop a web application for concert database management to be used in the Czech Chamber Philharmonic Orchestra Pardubice. The application will allow the orchestra workers to add records of concerts played (and their details), displaying the data in the database, showing the records based on filters, and data aggregation in a user friendly interface. Based on the analysis of the client's requirements, a conceptual model of the database was made. The application is implemented in a web development framework Django in conjunction with other technologies (HTML, CSS, JavaScript and Vue.js library) and is prepared for further development in the future. The application was tested from aspects of both user experience and performance.

Keywords: web application, concert database, Django, Vue.js