Computer Science and Engineering Technology, Grambling State University

Students name and Department:

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Design and Implementation of a Comprehensive Student Records Management System using Java and Oracle.

This research focuses on creating a software application in order to manage student-related data needs in a school, college or university. The project "Student Records Management System" provides a user-friendly interface for the maintenance of student information. The software will be developed using Java programming language and Oracle, a relational database management system for designing a database. In this research project, the scholars will have an opportunity to learn about the object-oriented concepts, terminology and syntax and the steps required to create Java applications with Oracle database. In addition, the scholars will learn the techniques and tools to design, implement and extract information from a database. At the end of this research project, the scholars will gain an experience to develop their communication, collaboration and critical thinking skills as well as their creativity.