**Project Title:** Charles Xavier's School for Gifted Youngsters Learning Management System

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**Database**: MySQL Workbench

**Abstract**: The Charles Xavier's School for Gifted Youngsters Learning Management System is a learning management database that is meant to contain all the relevant information regarding staff and students that attend Charles Xavier's School for Gifted Youngsters. Additionally, the database is going to provide functionality for maintaining all information to display on the web application. One basic action in the application such as viewing course information will be available to all users. High level functions such as maintaining students, teachers, and administrator will be restricted to users with greater access.

**Mission Statement**: The purpose of the Charles Xavier's School for Gifted Youngsters Learning Management System is to maintain the data (student, teacher, and administrator information) generated by the web application.

**Mission Objectives**:

To maintain (enter, update, and delete) data on student information.

To maintain (enter, update, and delete) data on teacher information

To maintain (enter, update, and delete) data on administrator information.

To maintain (enter, update, and delete) data on course information.

To maintain (enter, update, and delete) data on grades / gpa.

**Major User Views**:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data | Access Type | Administrators | Teachers | Students |
| Student information | Maintain | X |  |  |
| Query | X |  | X |
| Student Grades | Maintain |  | X |  |
| Query |  | X | X |
| Teacher Information | Maintain | X |  |  |
| Query | X | X |  |
| Course Information | Maintain | X |  |  |
| Query | X | X | X |
| Administrator information | Maintain | X |  |  |
| Query | X |  |  |