

## ***CS389 – Sample Project Proposal***

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***Date:***

*The Customer:*

The Manhattan School of Driving LLC<sup>1</sup> was established in 2008 on the upper east side of Manhattan. For the last 2 years, the school has devoted time to teach students from the age of 16 to 84 by providing instructions in a spotless, dual-brake, late model BMW. The school also offers many different driving courses such as the New York State 5-hour pre-licensing class in its comfortable, fully modern classroom. The 6-hour point and insurance-reduction class is also part of their curriculum.

*The Customer's Need:*

The Manhattan School of Driving is in need of a system that can store, process and manage their student and company data. During the last 2 years, the school has successfully multiplied the number of students from its previous years, while forecasting a continuing growth for the next years to come. As the school continues to succeed and contract new students and employees, the company has faced a road block using their current paper based system. Keeping students records organized and accessible to both student and school has become a hassle, error prone and cumbersome when student files needs to be retrieved. Currently, students don't have access to their own records, and employees must dig into piles of folders, stored in file cabinets in order to retrieve these records. The school would like to improve its technological resources so that it can benefit employees and students, while implementing a system that is flexible enough for future growth.

A centralize database that can store student and company data such as their employees, curriculum and resources is needed in order to improve their current system in hand. Since the data must be accessible to both employees and students, the new system must provide data online, securely and reliably.

In order to make a smooth and seamless transition that can benefit the large age range of students, the system must be user friendly and easy to learn. The ideal system should be friendly enough for a 16 year old to learn as well as for an 84 year old.

Last but not least, the system will have to be audited and approved by the New York State Department of Motor Vehicle before it is placed in production.

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<sup>1</sup> The business name has been in changed in order to protect the business privacy