

## TEAM INFORMATION

**Team Name/Project Title:** WhXYte Wedding Database

**Department:** Department of Computer Science & Engineering

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**Description:** A customized database and web application, with over twenty-five specialized views and features, to assist a transgender charity organize and host a gender inclusive event.

**Abstract:** The WhXYte Wedding Database was created as an event organization tool for a gender inclusive event which will take place in September 2019. The event is being hosted by The WhXYte Wedding Charity whose goal is to create a community where all are accepted in society, despite their gender identity. The event shall include a transgender fashion show, black tie gala, silent auction, and wedding vow renewal. Due to the grand size of the event, the WhXYte Wedding Charity was seeking a tool that would track, manage, and organize ticket sales, items donated, auction items, volunteers, sponsors, contracts, marketing, models, and committee members. To help with the organization of this event, the WhXYte Wedding Senior Design Team chose to create a database using the Relational Database Model, Client Server Architecture, and the Model View Controller Architecture. The specially designed tool is accessed via a website that allows for input via data entry or file importing. The collected data is accessible to event volunteers and can be organized by WhXYte Wedding committee members. The easy to navigate data views have been customized with features to best assist the committee member who request the database information. Additional features to help manage the event such as email, printable silent auction bid sheets, printable phone list, and printable mailing list are also available to the user. By allowing the

charity to focus on their mission, instead of tedious bookkeeping and organization, the WhXYte Wedding 2019 event shall be an amazing night to remember.