Capstone Administration Abstract

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*Computer Science*

Project Number CS 324

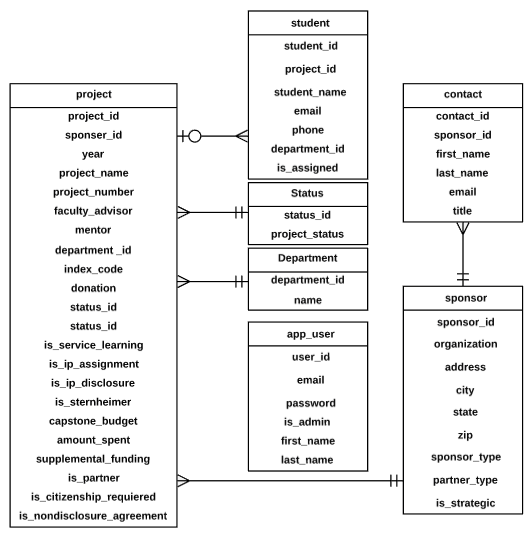
Faculty Advisor(s): Robert Dahlberg, Ph.D.

Sponsor: VCU

Mentor: Ben Ward, Ph.D.

The Capstone Administration Project is a VCU project that was created by Dr. Ben Ward to allow easier management of the senior design projects and to make sharing the data easier and more reliable. Dr. Ben Ward also requested that the product be simple enough to be easily understood and maintained. To achieve this goal, we designed a MySQL database as a central location for information on all the Capstone Projects, sponsors, contacts, and students to be stored. We then designed a website that allows the end user to view and edit the information stored in the database, as well as share read-only access with other users. The website has forms for filling out the information that is required and the user can view the data with filters for ease of use. We also added the ability to download the project data to an excel spreadsheet from specific tables. For example, a user could filter projects on the projects search page and then download the information for the specific projects the user has selected into an excel spreadsheet. We also added a way for users to upload and download files, so the student’s poster boards and abstracts could be stored in the database.

Keywords: *Administration, Database, Website, Capstone*

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