Capstone Course Database System

CPSC 8985

SPRING 2016

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What is Capstone Database

It is the database that stores information about the Grad projects
• The main important feature of this is that its displays the existing grad projects through web by query implementation
• It can give you access to the previous Grad project
System Requirements

Hardware Requirements

Visual Studio 2012
- 1.6 GHz or faster processor.
- 1 GB of RAM (1.5 GB if running on a virtual machine)
- 10 GB (NTFS) of available hard disk space.
- 5400 RPM hard drive.
- DirectX 9-capable video card running at 1024 x 768 or higher display resolution.

SQL Server Database
- Installation discs
- Monitor
- Internet
Software Requirements

- Visual Studio 2012
- .NET Framework 4.0
- Microsoft SQL Server Management Studio 2012
- Windows 7 or higher
- Internet explorer or google chrome browser.
Functionalities Used:

- **Login**: Registered users are access the web application.
- **Insert**: The transformed data is then uploaded into the database using ‘insert into database’ button.
- **Search**: User can search the existing data from the database.
Application architecture
List of Tables we created

- We created five tables in Capstone Course Database system
  - Abstract details
  - Student Details
  - Users
  - Student Advisor
  - Professor
Data Flow Diagram

Start

Student Login
Student
View all abstract

Faculty Login
Project Details

Admin Login
Project Details
Delete or Update

Stop
Major Technologies Used

- Asp.net as Front-End
- Sql Server Database as Back-End
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Screenshots from the working project
## Entering Student Details

- **First Name:** sharanya
- **Last Name:** amuduri
- **Student ID:** [Redacted]
- **GSU Email:** [Redacted]
- **Group ID:** sp3
- **Projector Instructor:** Tang
- **Semester:** Spring 2016
- **Year:** 2016
- **Project Title:** Stenography
- **Abstract:** [Redacted]
Screenshots from the working project

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The Capstone Project is a semester process in which students pursue independent research on a question or problem of their choice, engage with the scholarly debates in the relevant disciplines, and - with the guidance of a faculty mentor - produce a substantial paper that...

A debacle recuperation arrangement (DRA) is a reported process or set of techniques to recoup and secure a business IT foundation in the case of a disaster. Such an arrangement, conventionally recorded in composed structure, indicates methodology an
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Summary

This project allows to keep track of capstone projects all the students graduating and already graduated in the database. So admin, student, and faculty can view them using their login in GSU portal.
Thank You