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|  | **Department of Applied Information Technology**    **The Volgenau School of Information Technology & Engineering**  **IT 431 Web II: Advanced Web Development** |

## Project II – Admissions Website

### Project Overview:

Your company has been contracted to develop a new website for George Mason University. This website will be used by the Admissions department to keep track of prospective students applying to the university. Below is a high-level list of requirements that your website should include as part of the design and implementation.

### High-Level Requirements:

* Website should be data-driven and utilize a SQLServer database
* Website should provide security so that only authorized GMU staff can view or manage applications **(Note: For the purposes of the project you can hardcode ADMIN/PASSWORD as the administration account)**
* Website should have Home page that provides an overview of what the school has to offer and other pertinent information that visitors may want to know about the university. (be creative)
* Website should use school colors and logo/brand
* Home page should have a link (call to action) for prospective students to apply to the university
* Prospective students are not required to logon to complete application
* All pages should use a standard layout
  + Header
    - University Name
    - Logo
    - Navigation Menu
  + Content Section
  + Footer
    - School Address and Phone
* At a minimum the website should have the following pages and sections
  + Home
  + Logon
  + Application Management (Secured)
    - List of Applications
      * Display Fields
        + Full Name
        + Submission Date
        + GPA
        + Combined SAT Score
        + Enrollment Date
        + Admission Decision
      * Search Box (Search by SSN)
      * Edit/
      * View
      * Delete
  + Application Entry Page
    - Contains entry information for
      * Name
        + First, Middle, Last
      * SSN
      * Email Address
      * Phone Number
      * Address
        + Street
        + City
        + State
        + Zipcode
      * DOB (Datepicker)
      * Gender (Radio Button List)
      * High School
        + Name
        + City
      * Graduation Date (Datepicker)
      * Current GPA (4.0 scale)
      * SAT Score
        + Math (Range 0-800)
        + Verbal (Range 0-800)
      * Area of Interest (List of Majors)
      * Full Time or Part Time (Radio Button List)
      * Prospective Enrollment Date
        + Fall/Spring
        + Year
  + Edit Page
    - (All Fields from Entry Page above)
    - Set Enrollment Decision – New, Approve, Reject, Wait List
  + Business Rules
    - Validate that a prospective student can only apply once. (i.e don’t allow duplicate SSN during entry)
    - All fields are required
    - If user provides a GPA under 3.0, user should be told that they are not meet the minimum qualifications
    - If the combined SAT Scores do not total more than 1000, user should be told they do not meet the minimum qualifications