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Project Objective:
Web Based Online Alumni Management System helps institutes strategically build and maintain their alumni network, by facilitating engagement, community-building, networking, communications and many other methods. And thus, a secondary array of positive marketing takes place. With Alumni Management System, the Alumni data can be centralized and combined to use it in any future endeavors.
The main objective of the project is to have a strong alumni network to provide a useful database and a web front-end for faculty to query information on alumni interest areas.

Stakeholders:
This project's potential stakeholder is our Senior Lecturer and Faculty Lead for Careers & External Relations (iSchool, UMD) David Loshin. It would help the iSchool (MIM program) staff to gain useful data and stats about their alumni for records and their benefit.

Project Description:
This application will be used by faculty and staff of the iSchool (MIM program) as an "Alumni Tracker''. As a standalone database with a web front-end, it will provide a means to collect data from existing and future alumni. At present, the iSchool – MIM program does not have a mechanism to collect alumni data and they foresee to have the areas of interest of all the Alumni's engaging with the school captured. These areas are activities such as mock interviews, alumni panel discussion, networking events, informational interviews or resume reviews.

Creating an alumni network website for the iSchool has the following functionalities -

➢ A form which captures the required fields from the alumni which would allow them to contribute to iSchool in different ways as mentioned in the objective.
For e.g.: Graduation Year, Major, Employer, Job Title and (Mentorship, resume reviews, conducting mock interviews or contributing in any other way they wish to.)

➢ The entered information would be stored in our database.

➢ Our website will have the useful information which would be accessed by our stakeholder(s) to check for transactions (activities done by the alumni)
For e.g.: "John Smith presented a webinar on October 30th"

Specific requirements of the system:
- To be able to browse a captivating but easy-to-navigate website for the "alumni tracker"
- Must be exclusive to the iSchool Master of Information Management (MIM) staff, faculty, alumni and students

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Computational Infrastructure:

- Front-end Web development technologies such as HTML and CSS for the layout of the website.
- A content management system to manage all the contents of the website, preferably Drupal.
- Integration of the Content management system with a database, preferably mySQL.

Team and assigned roles:

Project Manager Harshitha Ramachandra	Designer Sharvil Shastri	Programming Mentor Shashank Ramprasad	Programmer Sandra Staub
• Manages the group by making sure everyone is on the same page.	• Designs the layout required for the website.	• Assists the programmer in developing the requirements needed for the project.	• Develops functional specifications for the integration of the database with our website.
• Supervises the development process and researches, gathers and submits all the resources and deliverables as required.	• Prepares/modifies the content when required and coordinates with all aspects of the project.	• Makes plans for the programmer and keeps track of the progress and documents the developments.	• Works on testing the test cases as per the expectations and the deliverables. • Creates the test report with the mentor.

Test plan for Web application:

Webforms testing: • The input data validity • Allowed values for the data fields. • Invalid input values for the data field. • HTML and CSS validation	Content testing: • There are no grammar and spelling mistakes. • Content should be informative, understandable, structured and logically linked. • Images are placed properly with proper sizes.

Navigation testing: • All pages are understandable and easy to use. • Access to main menu from all the pages.	Links testing: • Internal links correctness. • No links leading to the same page. • Links used to send emails to site admins. • No broken links. • Pages that aren't referenced.
Configuration testing: Cross browser website testing in different browser configurations: Google chrome, Microsoft edge, Mozilla Firefox. Cross platform testing in different OS: Windows, iOS/Mac OS	Performance testing: • Concurrency testing when multiple users login.

Deliverables:

- PowerPoint slides
- Video Presentation
- Website
- Database module and entries.

Due Dates:

- Proposal - October 18
- Project Detailed Design: Nov 1
- Project Prototype: Nov 15
- Project test report: Nov 29
- Video Presentation and Supporting Materials – Dec 6
- Weekly Team Meeting (Every Tuesday and Friday)

Week 1:
- Draft design of our website with functionality to intake data: Oct 28

Week 2 and Week 3:
- More detailed design, correcting errors and improving upon the previous version: Nov 14

Week 4 and Week 5:
- Final version of our website with all functionalities: Nov 25

Week 6:
- Project report, presentation and supporting materials: Dec 4