Senior Capstone Project Group 5

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Joey Kiesau

Christian John Hauser

Ellis Daine D. Tonozzi

Khalifa Hassan M A Mubarak

Home Page

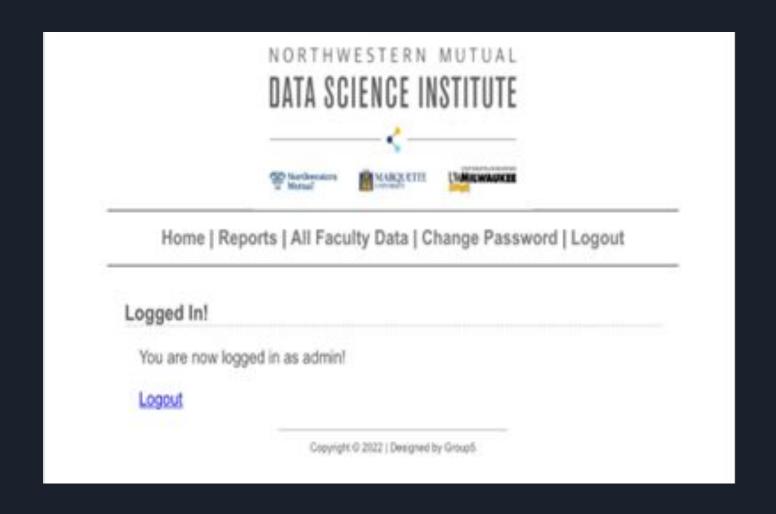


Affiliated Faculty designation is reserved for faculty of Marquette University and University of Wisconsin - Milwaukee engaged in data science related research and education. (See Wikipedia for a basic description of data science.) Data collected via this form will be used to create and publish faculty profiles on the public facing Northwestern Mutual Data Science Institute (NMDSI) web-site.

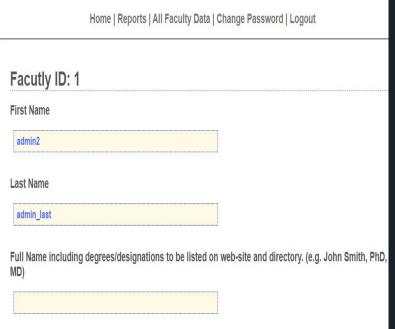
By submitting this information, you agree to such publication except where specifically noted below. Submissions will be reviewed by members of the NMDSI team. Eligible faculty will added to the Affiliated Faculty email list and web-site. Contact NMDSIMAIL@northwesternmutual.com with questions.

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Login Page



All Faculty Data



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Cristinal Abuber, PND	
University Small address (.edu)	
protest ababei@marquette.adu	
Phone Number	
jetes 200-5720	
What is your status at the Marquette or UW-Milwaukee? (Adjunct an full year set the university are eligible.)	d Visiting Faculty with at least two
# Full-time faculty	
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Reports

DATA SCIENCE INSTITUTE









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Reports

Directory PDF Report

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Cristinal Mosbel, Phil

Assistant Professor

Department of Electrical and Computer Engineering, Opus Orllage of Engineering

Embedded systems, computer architecture, Loft

Sphal Ahamed, Phili

Prodeseor

Department of Computer Science, Klingler College of Arts and Sciences Smartphone Sused healthcare, offenith

Layth Alwan, Thib

Prodesnor

Luber School of Business (Supply Chain/Operations Management & Business Statistics)

Forecasting; operations management; statistical problem control

Said Audi., Phil

тобаваот

Biomedical Engineering, Opus College of Engineering

Ranta Asen, PhD

Associate Professor

Administrational Psychology, School of Administra-

Developing methods for determining predictor importance in various linear models

Smitri Babikov, Phil-

Prodeseor

Department of Chemistry, Elispier Callege of Arts and Sciences

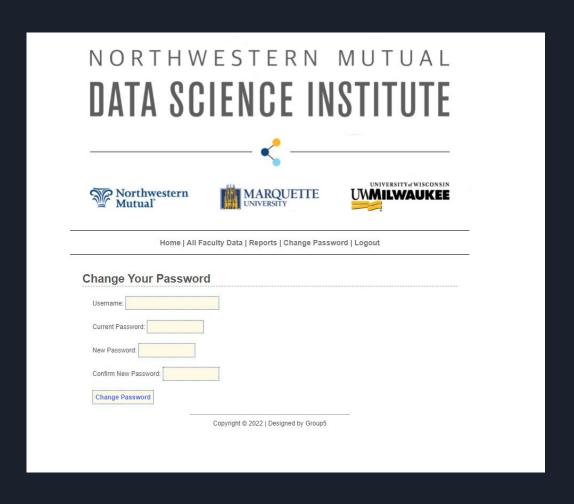
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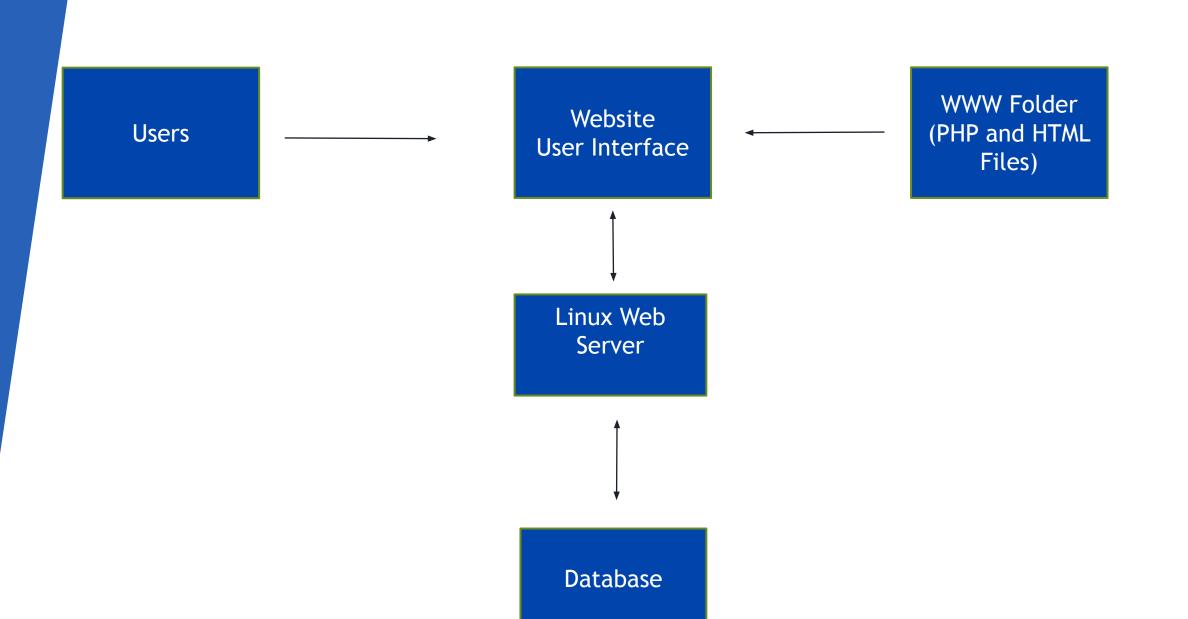


Main Business requirements/Project Objectives

- Affiliated faculty members should be able to directly enter their data on a website.
- The website should allow administrative staff the ability to generate the necessary standard reports on demand.
 - PDF reports should have the same layout and content as current reports, including clickable links
 - A list of all active affiliated faculty at UWM, at MU, or both to create mailing lists on Pantherlist using the format "Firstname Lastname" <user@domain> with one address per line in plain text format (.txt).
 - An extract listing all the faculty that signed up as affiliated faculty after the previous extract was made in the exact same format of the example provided.
- An extract listing all the faculty that signed up as affiliated faculty after the previous extract was made in the exact same format of the example provided.
- Both permanent and temporary administrative staff of the NMDSI need to access the database. Administrative staff at NMDSI are not the same as system/database administrators.

Main System requirements

- A web-based solution that allows the following:
 - A properly designed database that has the previously collected data imported into it (MySQL)
 - An accounts system, allowing users to register and login to the user interface
 - Easy to use interface that allows multiple users to simultaneously access the database
 - A clean and easy to read user interface that helps reduce errors during input and reporting of the data (HTML/PHP)
 - An easy-to-use PDF export of the directory data when requested



Strengths and Weaknesses

- LAMP is open-source. The software's source code is shared and available for people to make changes and improvements, enhancing its overall performance.
- LAMP is easily customizable and allows for a wide variety of interactions and improvements.
- LAMP has a low cost of use.
- LAMP can provide various security features.
- Apache can run into performance problems under heavy workloads.
- LAMP has a steep learning curve that makes it hard for new users to learn.