



# MIS Alumni Tracking System

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## BACKGROUND

The Marshall University MIS Society needs a system to keep track of the MIS program alumni so they can retain the alums' up to date contact information, generate meaningful statistics for such use as recruiting, and perform a variety of other tasks. The current system was designed by previous students of the program but has not been widely used. It's interface and internal design are confusing, and the alumni with the data to be entered into the system are unable to access it.

In February of 2018, we were contacted by a representative of the MIS Society, Dr. Rick Weible, in regards to improving the system's interface. Dr. Weible suggested that the system should be easy to use, and more importantly be easily accessed by the alumni to allow them to enter and update their own information.

## PROMOTING GROWTH

Our team's project will promote economic development in West Virginia and provide networking opportunities to our students. The project offers a simple way for the MIS Society to manage and inspect their data about program graduates. It will make it easy to generate informative and attractive statistics for promoting and recruiting new students to the program, which would, in turn, drive economic development.

Users of the system will be able to find the right contact information for the right students at the right time to keep the program alumni connected with the current students. This may take the form of setting up mentoring relationships, scheduling networking events, keeping the alumni up to date on students' activities they may find interesting or want to promote, or many other opportunities.

## IMPLEMENTATION

The new system is being implemented as an online web application. This will allow for centralized management of the data and make it simple for any user to keep their information updated. The figure below shows the current system interface design that will be shown to graduates when they log in to the system.

HomeLog Out

Basic Data

Marshall Student ID

901123456

Marshall Email

smith1@marshall.edu

First Name

John

Last Name

Smith

Year Enrolled

2010

Year Graduated

2014

State of Residence

West Virginia

Testimonial

Picture

Browse... No file selected.

Employment History

Employer Name	Starting Month	Starting Salary	Ending Salary	Remove
Trendy Tech Co.	January 2016	\$45,000	\$50,000	X
Dream Job Inc.	March 2018	\$65,000	\$70,000	X

Add Job

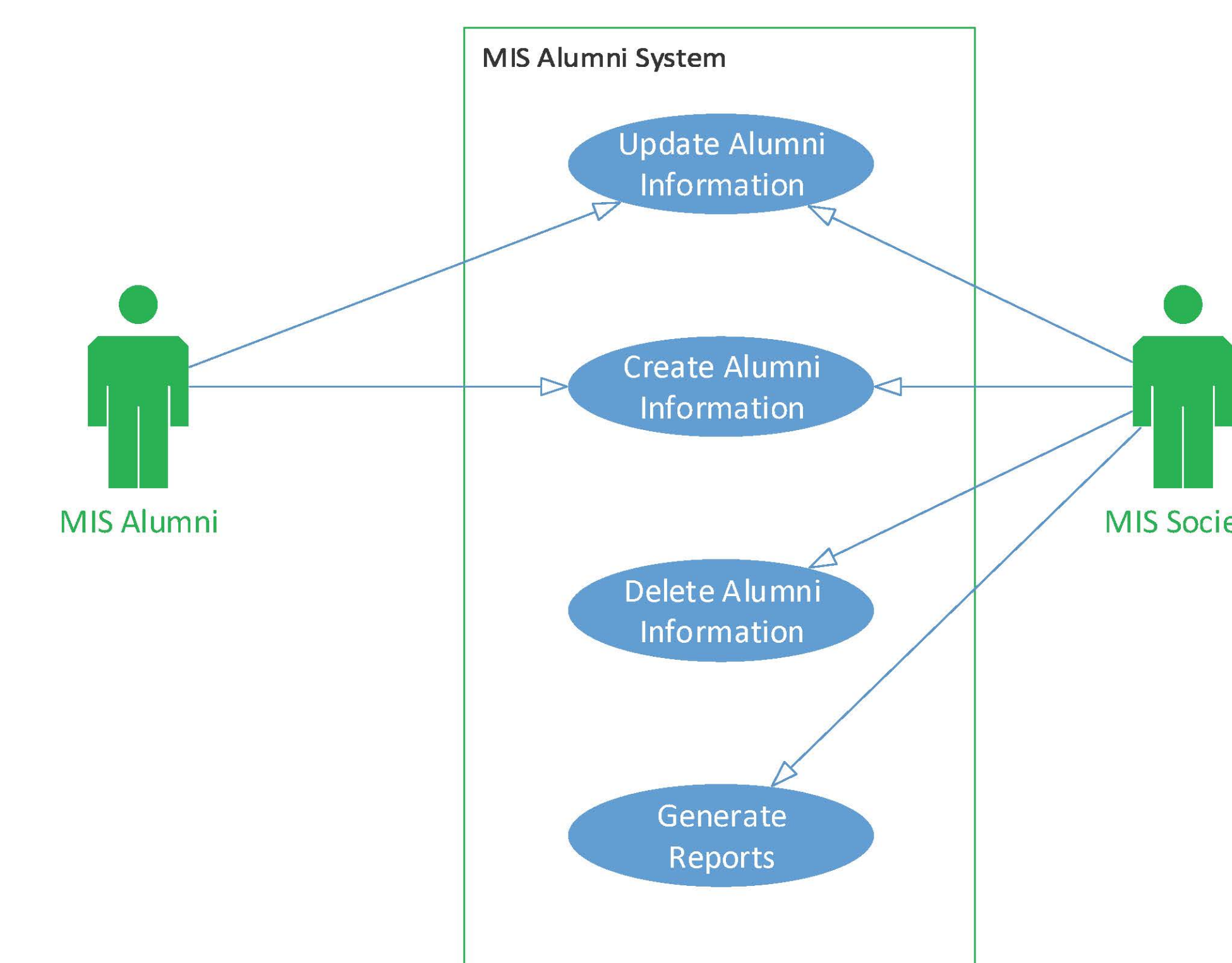
Points of Contact

Name	Phone	Email	Relationship	Remove
John Smith	(304) 123-4567	John.Smith@Gmail.com	Self	X
Mary Smith	(304) 123-4567	Mary.Smith@Gmail.com	Mother	X

Add Contact

## USE CASES

There will be two major groups to be considered as users of the system. These are the MIS Alumni who will be entering and maintaining their data, and the MIS Society administration.



## DATABASE STRUCTURE

The graduates' data will be stored across three tables to allow flexible input and to avoid duplication.

