

# Sam Higginbottom University of Agriculture, Technology and Sciences



Capstone Project: Thesis Management System

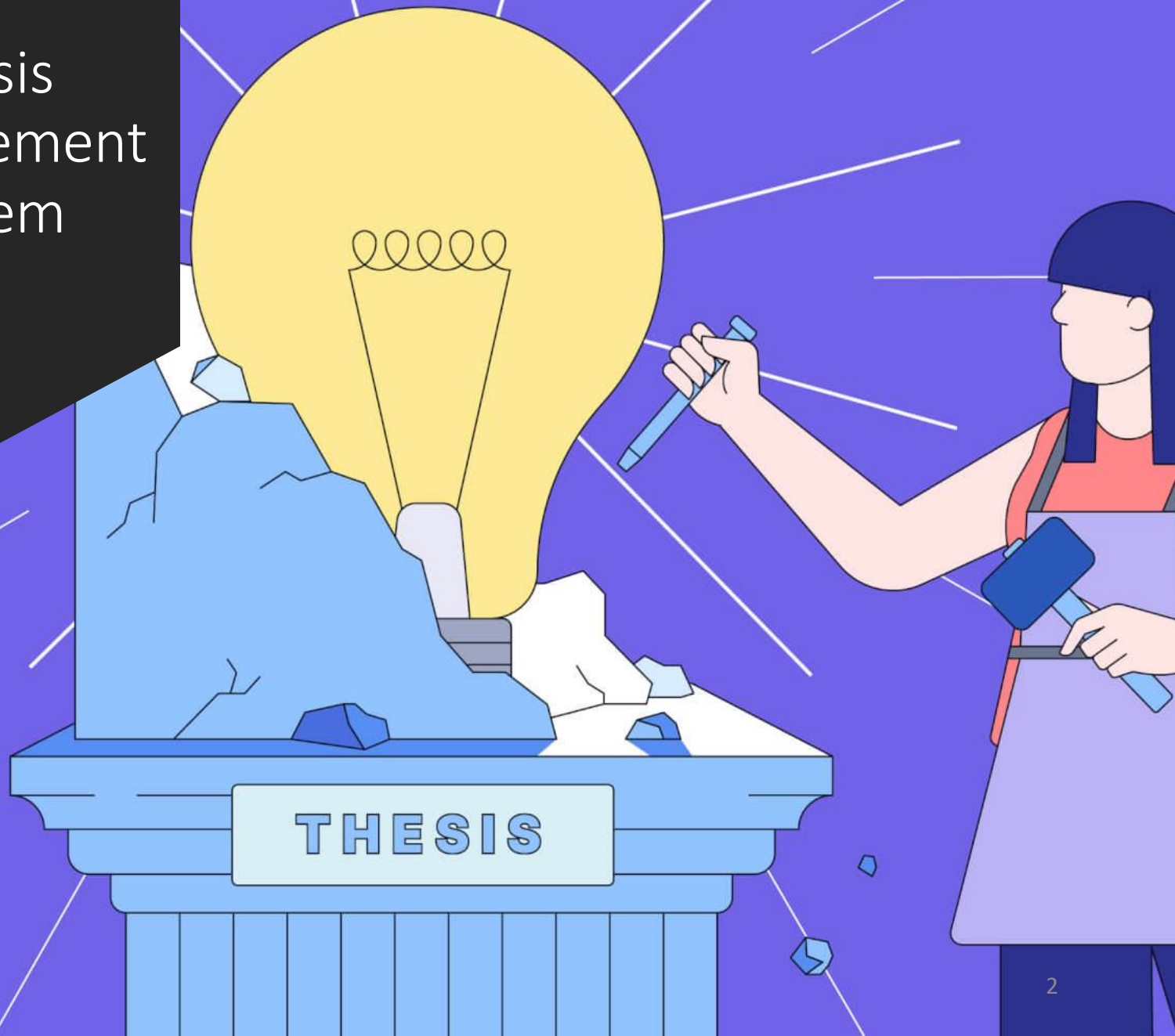
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# Thesis Management System



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# Introduction

The Thesis Management System is developed to perform

- a. SAC Formation
- b. Submission of thesis
- c. Review of thesis
- d. Establish a connection between student-faculty-Dean PG.

The system performs these task digitally reducing the manual paper required previously in order to publish a thesis in the University.

# objectives

- The application is reduced to a level of understanding of a student and handles complex cycles efficiently. It is designed keeping in mind the wide variety of users ranging from students to DEAN PG.

# Scope

1. Scope of the project:
  - a. Identifying the user
  - b. Establish a mode of communication between student-faculty-DeanPG
  - c. Provide status report
  - d. Different user Views

Technologies  
used in the  
project

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Php

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MySQL

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HTML

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CSS

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JavaScript

# PHP

## What is PHP?

- PHP is an acronym for "PHP: Hypertext Preprocessor"
- PHP is a widely-used, open source scripting language
- PHP scripts are executed on the server
- PHP is free to download and use.



# PHP

What is a PHP File?

- PHP files can contain text, HTML, CSS, JavaScript, and PHP code
- PHP code is executed on the server, and the result is returned to the browser as plain HTML
- PHP files have extension ".php"

# PHP

## What Can PHP Do?

- PHP can generate dynamic page content
- PHP can create, open, read, write, delete, and close files on the server
- PHP can collect form data
- PHP can send and receive cookies
- PHP can add, delete, modify data in your database
- PHP can be used to control user-access
- With PHP you are not limited to output HTML. You can output images or PDF files.

# PHP

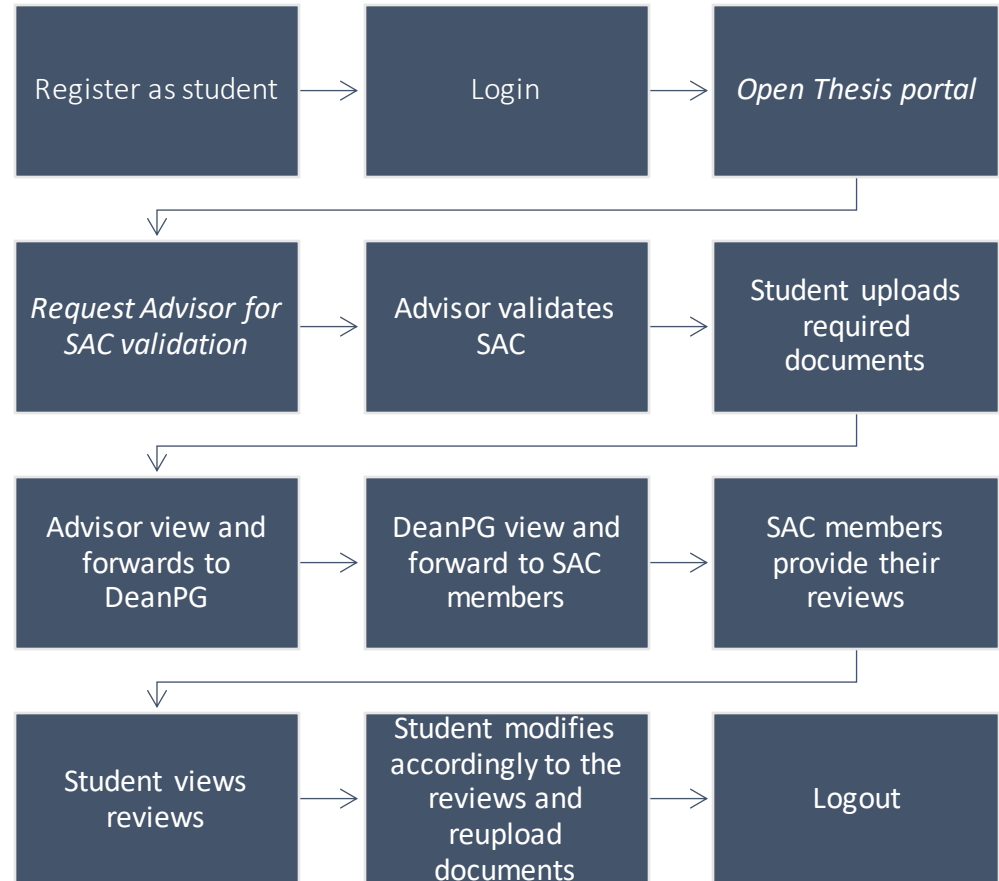
## Why PHP?

- PHP runs on various platforms (Windows, Linux, Unix, Mac OS X, etc.)
- PHP is compatible with almost all servers used today (Apache, IIS, etc.)
- PHP supports a wide range of databases
- PHP is easy to learn and runs efficiently on the server side

# MySQL

- MySQL is a relational database management system
- MySQL is open-source
- MySQL is ideal for both small and large applications
- MySQL is very fast, reliable, scalable, and easy to use
- MySQL is cross-platform
- MySQL is developed, distributed, and supported by Oracle Corporation

# Workflow



# H/W & S/W requirements

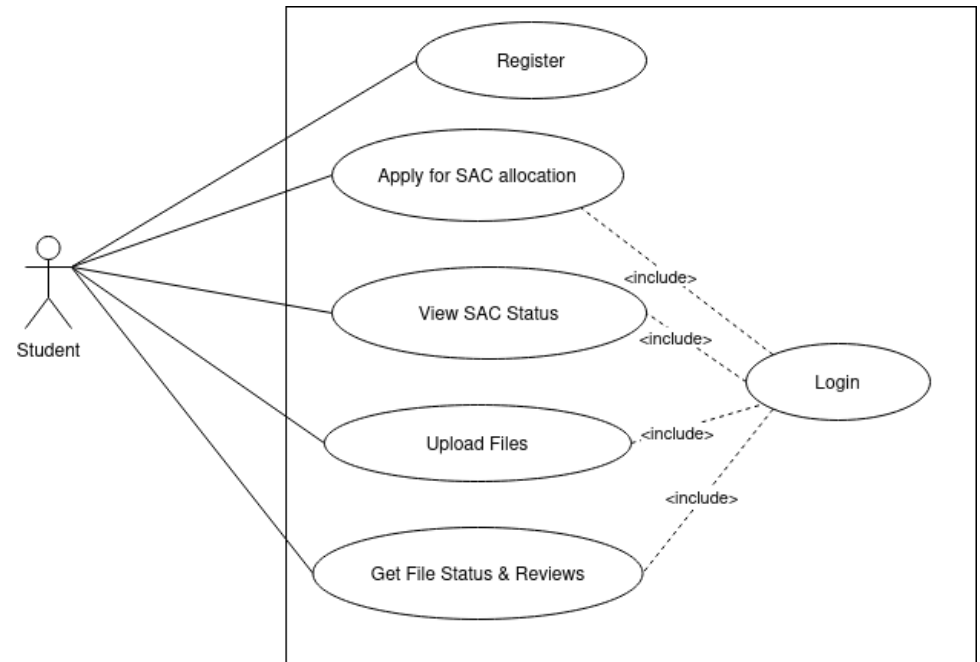


Web Browser

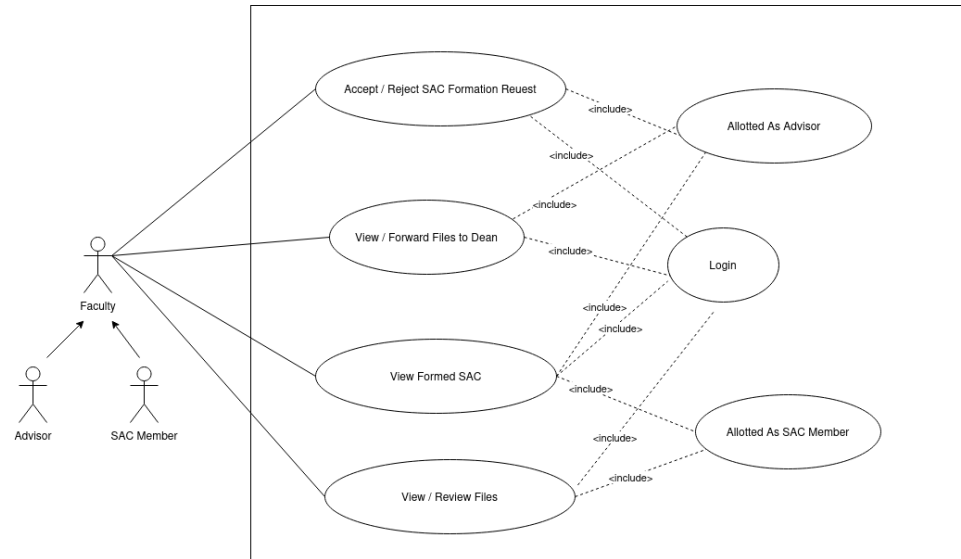


Active Internet Connection

# Use Case Diagram - Student

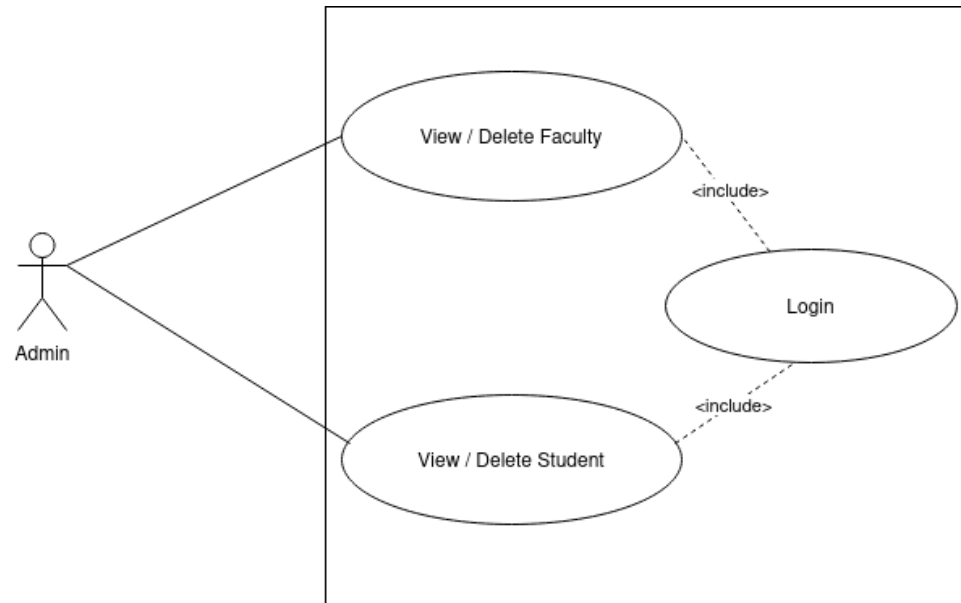


# Use Case Diagram - Faculty

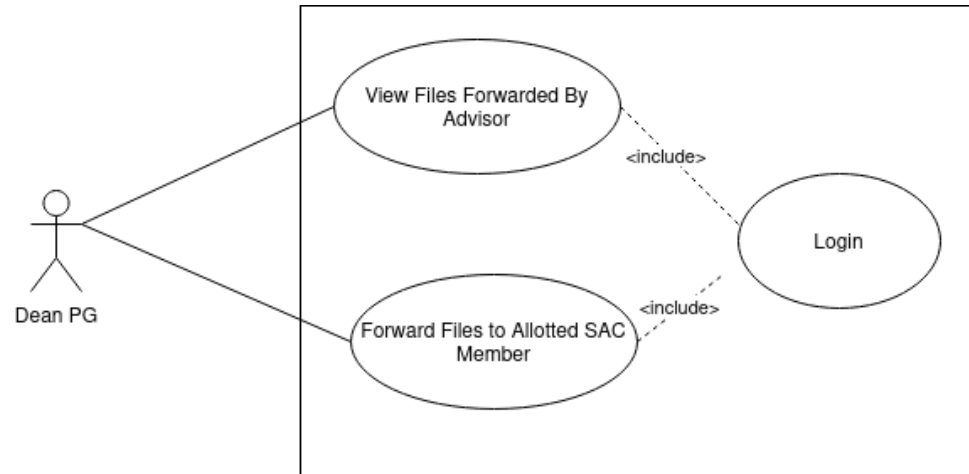




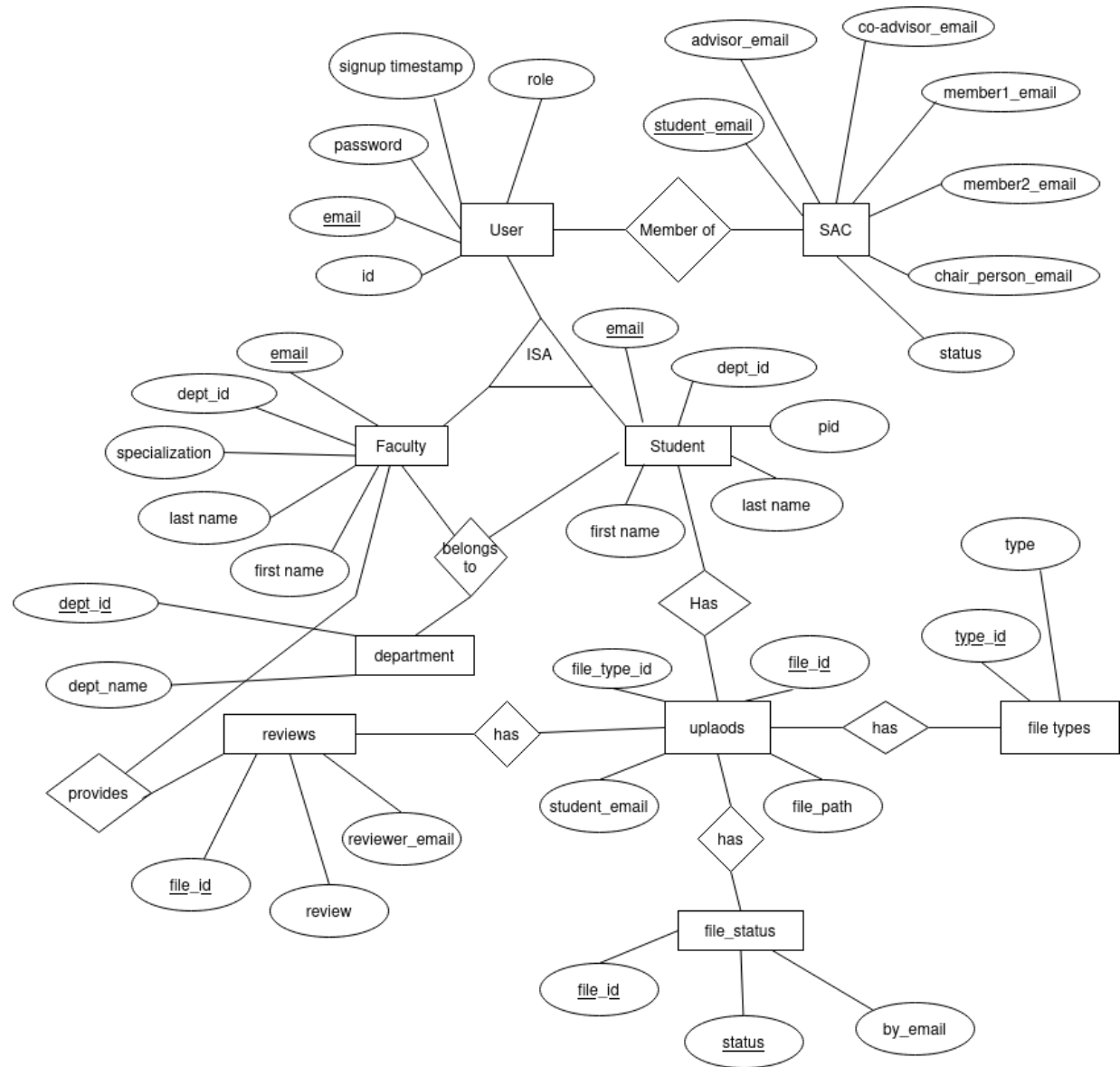
# Use Case Diagram - Admin



# Use Case Diagram - Dean PG



# Entity Relationship Diagram



# Future Scope

- Advance admin Panel
- Automate SAC allocation
- Improve DEANPG panel
- Improve Faculty panel
- Improve Student panel
- Providing P2P messaging
- Digitalizing Manual Work
- Improving security

# References

- [www.google.com](http://www.google.com)
- Javatpoint.com
- Stackoverflow.com
- Youtube.com

# Conclusion

A thesis management system has been successfully developed using PHP as backend and MySQL database with natural theme UI having several features for all users and is ready to be deployed.

THANK YOU...

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