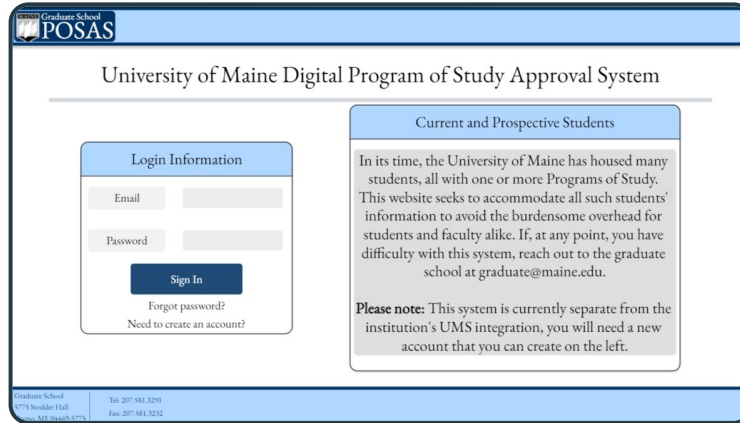


UMaine Graduate P.O.S.A.S.

(Program Of Study Approval System)



The screenshot displays the 'University of Maine Digital Program of Study Approval System' interface. At the top left is the 'Graduate School POSAS' logo. The main heading is 'University of Maine Digital Program of Study Approval System'. On the left, a 'Login Information' box contains fields for 'Email' and 'Password', a 'Sign In' button, and links for 'Forgot password?' and 'Need to create an account?'. On the right, a 'Current and Prospective Students' box contains a paragraph of text and a 'Please note' section. The footer includes contact information for the Graduate School.

Graduate School POSAS

University of Maine Digital Program of Study Approval System

Login Information

Email

Password

Sign In

[Forgot password?](#)
[Need to create an account?](#)

Current and Prospective Students

In its time, the University of Maine has housed many students, all with one or more Programs of Study. This website seeks to accommodate all such students' information to avoid the burdensome overhead for students and faculty alike. If, at any point, you have difficulty with this system, reach out to the graduate school at graduate@maine.edu.

Please note: This system is currently separate from the institution's UMS integration, you will need a new account that you can create on the left.

Graduate School
6775 Bowdoin Hall
Tel: 207-581-3291
Fax: 207-581-3252
Email: graduate@maine.edu

Brought to you by Integral Solutions



Critical Design Review - POSAS

- Motivation
 - *Peter Riehl*
- System Requirements
 - *Aaron Wilde*
- Design Structure of System
 - *Vincent King*
- Database and Technology Overview
 - *Liam Blair*
- Demonstration
 - *Mackenzie Creamer*



What is a POS?

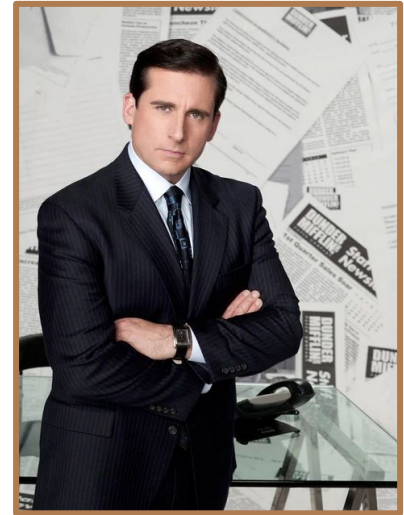
- Program of Study
 - A roadmap
 - Required for any student to receive their graduate degree
- Members: Student, Advising Professor, Graduate Coordinator, Advising Committee



Current System - Paper based

1. The student makes a draft POS and fills in the information
2. They reach out to each committee member for review & signature
3. Once everyone signs, the POS is approved

```
while(signature_needed){  
    Review();  
    Sign();  
    Send();  
}
```





5775 Stodder Hall, Room 42
Telephone: 207.581.3221
Web: umaine.edu/graduate

Orono, Maine 04469-5775
Fax: 207.581.3232
Email: graduate@umaine.edu

Submit Form

Program of Study for the Graduate Certificate

This program of study must be submitted to the Graduate School before completion of twelve credit hours or by the third registration, whichever comes first. Completion of all work indicated on this program of study is a prerequisite for conferring the certificate.

Date received by Graduate School

Please type or print clearly

Name

(First Last)

ID #

7 digit Student ID

Email

Phone

Current mailing address

Graduate Certificate in

Date

Student's Signature

Advisory Committee (please type or print)

Signatures

Chair

Certificate Coordinator (Required)



Course Work

List in chronological order all courses that fulfill the requirement for the certificate attempting.

Course Number	Course Title	Course Credits	Semester	Year
GRN 500	Opportunities and Challenges of Aging	3	Fall	2012

Total number of credits:

Revised 8/14



Hassle!

- Imagine you are applying for a job
 - Application
 - Cover Letter
 - Interview
- Credit cards, bank accounts, college applications, mortgages



In terms of POS

- Extremely arduous
 - Repeats itself when minor mistakes are made (frequent)
 - Things get lost or misplaced
 - Outdated
- Efficiency and ease
 - Business is fast, efficiency is the goal
- Let us modernize POS's
 - CS department will lead the way
 - Pioneer a better system for all



System Requirements

What does the system need to accomplish?

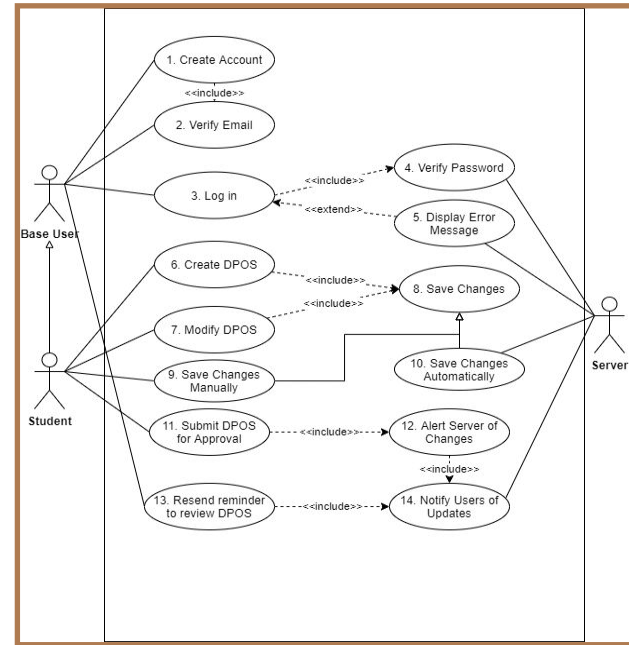


System Requirements - General

All users need to be able to do the following:

- Create an account
- Verify their email address
- Log in
- Resend POS review reminder

Simple stuff!



System Requirements - Specific Users

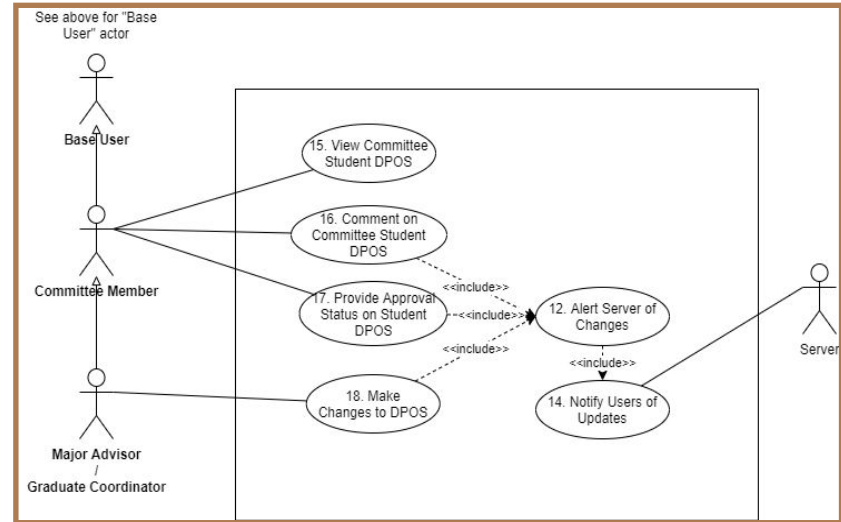
What are students allowed to do? What are advisors able to do?

Students can...

- Create, edit, and submit DPOS documents for review

Advisors can...

- View DPOS documents, as well as provide feedback and approval status.

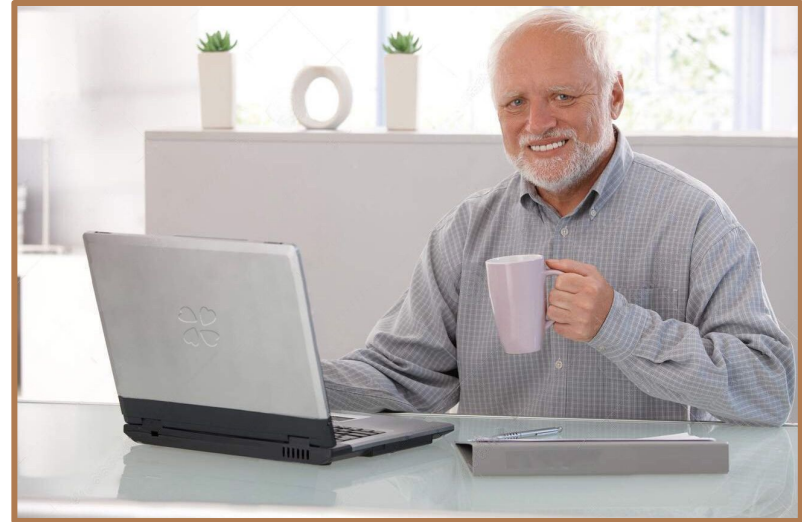


System Requirements - Server

What does the server need to be able to do?

- Password verification
- Error messaging
- Automated and manual saving of POS documents
- Update notification

Since a server and database will be required to handle the system's data, an on-campus device will be required to host the service from.



Logical Architecture Design Diagram

Fives Components

- Client Frontend
- Client Backend
- Request Listener
- Request Handler
- Database

Component Relationships

Client Frontend \longleftrightarrow Client Backend

Client Backend \rightarrow Request Listener

Request Listener \rightarrow Request Handler

Request Handler \longleftrightarrow Database

Request Handler \rightarrow Client Backend

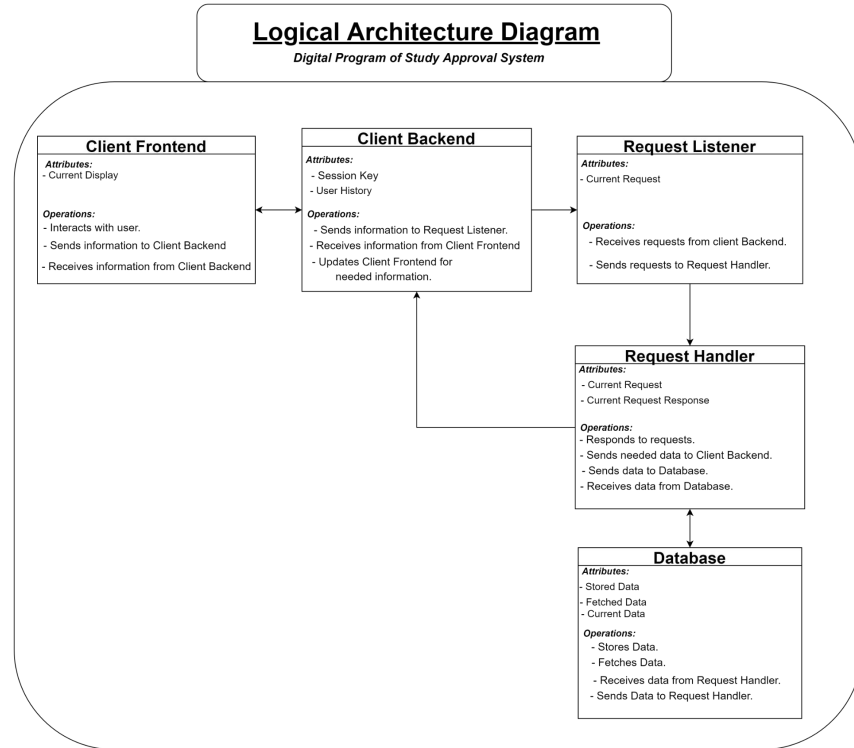
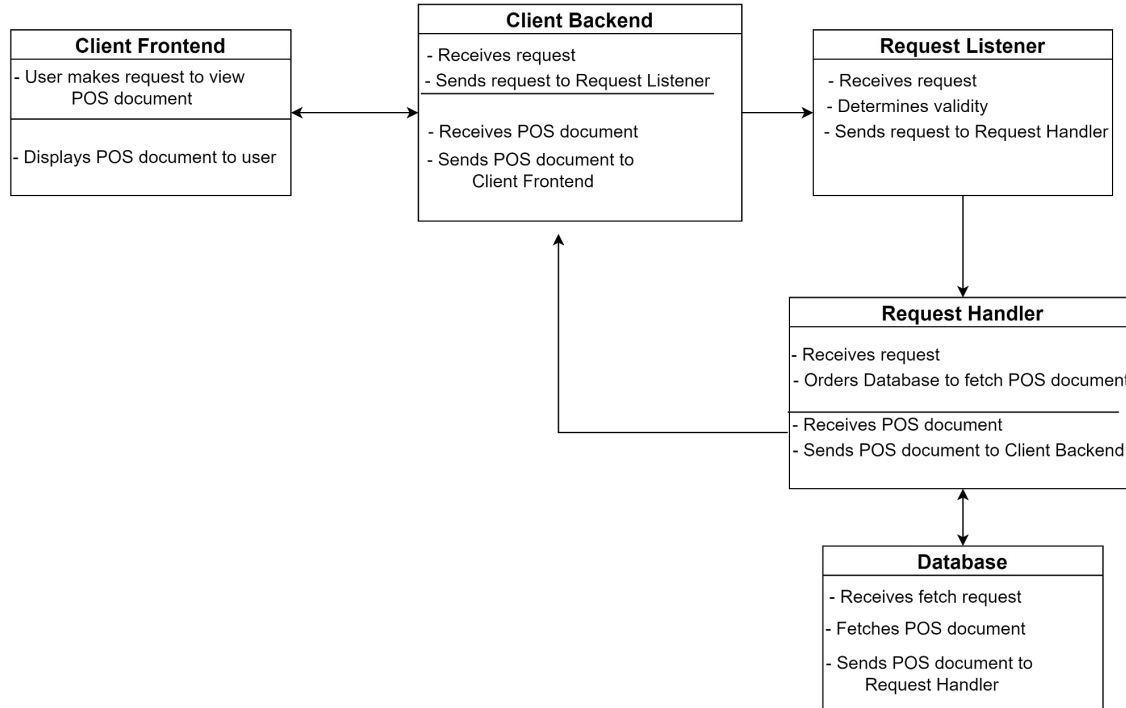


Figure 2.1 Logical architecture design diagram showing the relationship and interactions between objects of the system, as well as the attributes and operations associated with each object.

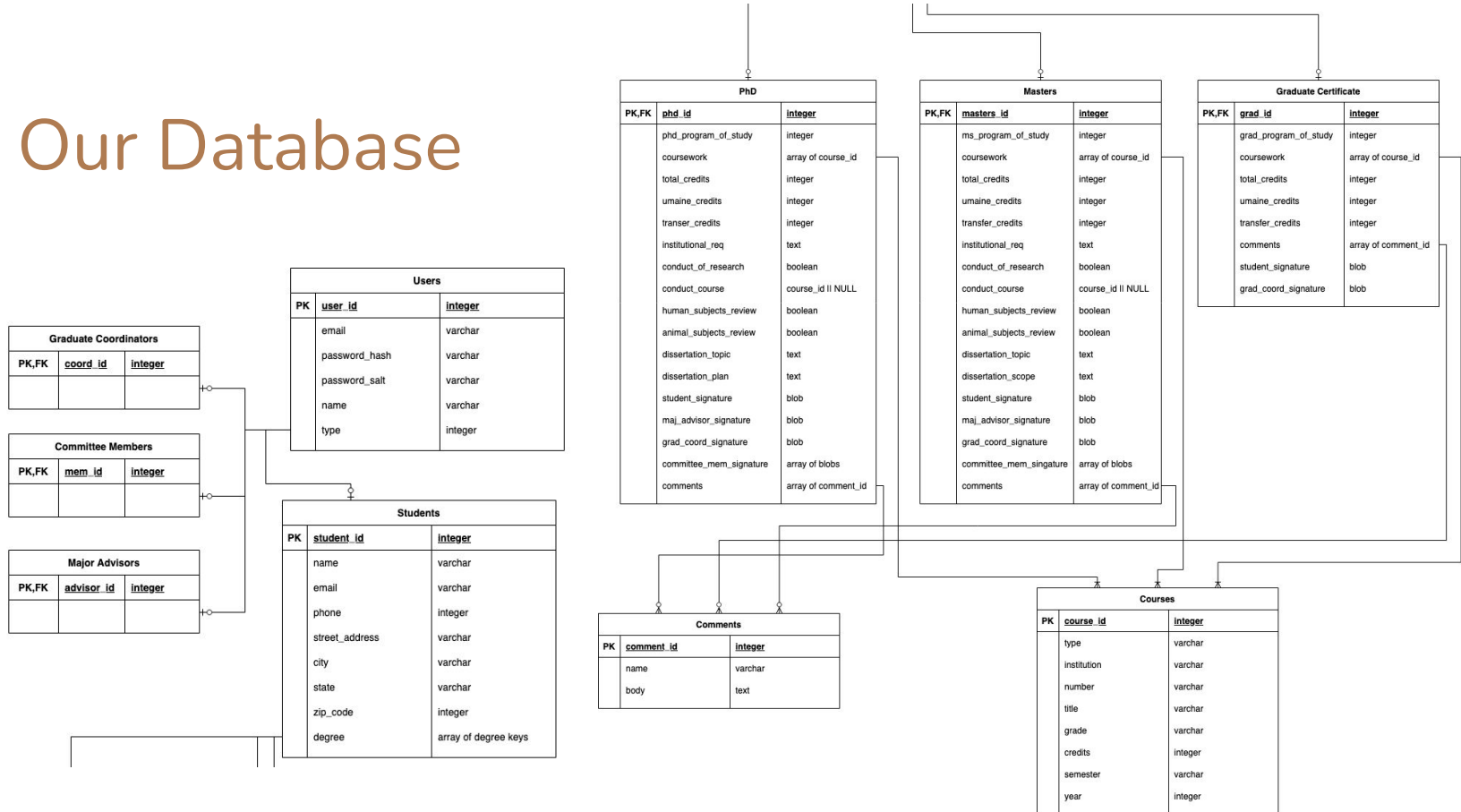


Logical Architecture Request Example:

Request: User requests to view POS document.



Our Database



Technologies



Demonstration - Login and Main Screen

The screenshot displays the login and main interface of the University of Maine Digital Program of Study Approval System. At the top, a blue header bar contains the University of Maine Graduate School logo and the acronym "POSAS". Below this, the title "University of Maine Digital Program of Study Approval System" is centered. The main content area is divided into two sections. On the left, the "Login Information" box features input fields for "Email" (containing "out") and "Password", a "Sign In" button, and links for "Forgot password?" and "Need to create an account?". On the right, the "Current and Prospective Students" box contains a paragraph about the system's purpose and a "Please note" section stating that the system is separate from the institution's UMS integration and requires a new account. The footer includes contact information for the Graduate School, including phone and fax numbers, and a copyright notice for 2019.

University of Maine Graduate School
POSAS

University of Maine Digital Program of Study Approval System

Login Information

Email

Password

Sign In

[Forgot password?](#)

[Need to create an account?](#)

Current and Prospective Students

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Please note: This system is currently separate from the institution's UMS integration, you will need a new account that you can create on the left.

University of Maine Graduate School
1775 Bradley Hall
Orono, ME 04469-0000

tel: 207.581.2000
fax: 207.581.8200

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Demonstration - Creating a Draft POS

The screenshot displays the University of Maine Digital Program of Study Approval System (POSAS) interface. At the top, a navigation bar includes the POSAS logo, the user name "John Smith", and links for "Settings" and "Log Out". Below the navigation bar, the title "University of Maine Digital Program of Study Approval System" is centered. The main content area features a blue header for "Create a New Program of Study (POS)". Under this header, a prompt "Please select a form:" is followed by three radio button options: "Standard (Semester) Form", "Minor's and C.A.S. in F.A.S. Certificate Form", and "Openness Certificate Form". At the bottom of this section are two buttons: "Return to Home" and "Continue". The footer contains contact information for the University of Maine, including the phone number 207-581-2000 and the fax number 207-581-3000.

University of Maine
POSAS

John Smith Settings Log Out

University of Maine Digital Program of Study Approval System

Create a New Program of Study (POS)

Please select a form:

☐ Standard (Semester) Form ☐ Minor's and C.A.S. in F.A.S. Certificate Form ☐ Openness Certificate Form

Return to Home Continue

University of Maine
207-581-2000
207-581-3000



Demonstration - Edit a POS, Account Info

The screenshot displays the POSAS (University of Maine Digital Program of Study Approval System) interface. At the top, a navigation bar includes the POSAS logo, the user name 'John Smith', and links for 'Settings', 'Log Out', and a help icon. Below the navigation bar, the title 'University of Maine Digital Program of Study Approval System' is centered. The main content area is divided into two panels: 'Change Password' and 'Account Information Setup'.

Change Password Panel:

- Old Password:
- New Password:
- Verify Password:
- Change Password** button

Account Information Setup Panel:

- First Name*:
- Last Name*:
- Phone Number:
- Please give your current address, if it changes during your time using this service, you can go into account settings to change it.*
- Street*:
- City*:
- State/Territory*:
- Zip/Postal Code*:
- Country*:
- Change Account Information** button

Footer:

- University of Maine
1179 Bradley Hall
Orono, ME 04469-5999
- tel: 207.581.2286
fax: 207.581.2022

