

YEAR

2/2022

PRESENTER

Saranya S. 6237407 / Sakar K. 6218332

AU Academic Work Report

SENIOR PROJECT II

PROJECT ADVISOR

Ajan Suparwat C.



INTRODUCTION

Problem Statement

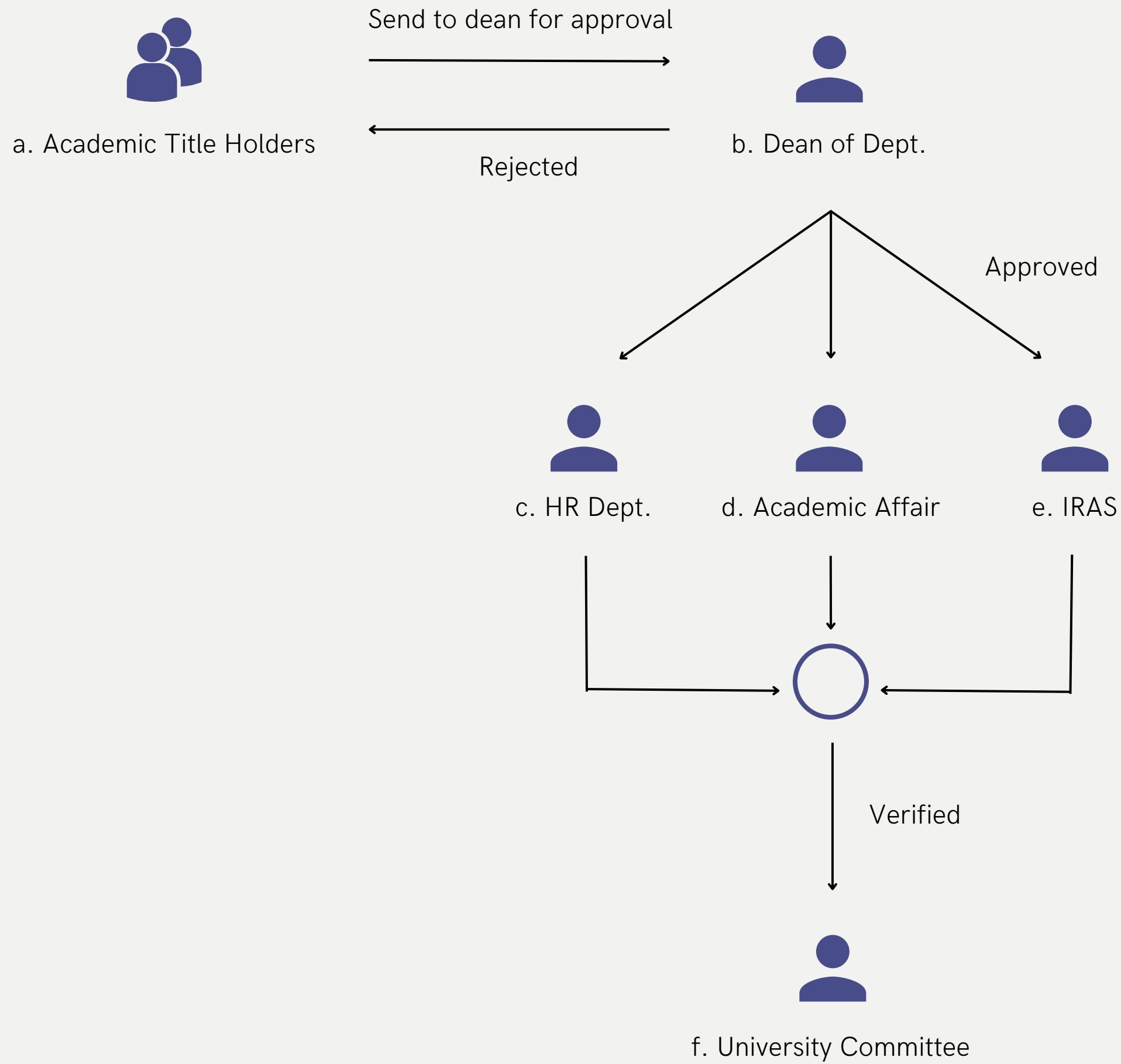
ABAC aims to improve its system through digital transformation. The submission procedure for compensation forms is still manual, so a web application is being developed to simplify the process and allow different users to fill out and verify forms for approval.

NEXT

INTRODUCTION

Project Scope

- User Type
- a. Academic Title Holders
 - Assistant Professor
 - Associate Professor
 - Professor
 - b. Dean of Department
 - c. HR Department
 - d. Academic Affair
 - e. IRAS
 - f. University Committee



NEXT

Evaluation

01

Teaching Workload

HR

02

Advising of Projects

Academic Affair

03

Research Publication

IRAS

NEXT

Related Works

The screenshot shows the Jotform Form Builder interface. At the top, the Jotform logo and 'Form Builder' are on the left, and the title 'Course Evaluation Form' with a subtitle 'Last edited at 5:22 PM' and a 'Edit' button are on the right. Below the header is a navigation bar with 'BUILD' (highlighted in orange), 'SETTINGS', and 'PUBLISH' buttons. A purple sidebar on the left has a 'Add Form Element' button with a plus sign. The main content area displays the 'Course Evaluation Form' template, which includes a title section and a 'Course Information' section. The 'Course Information' section contains fields for 'Instructor's Name *' (with a required asterisk), 'Course Description *' (also with a required asterisk), 'Course Number', and 'Date *'. There is also a placeholder '+ ADD YOUR LOGO'.

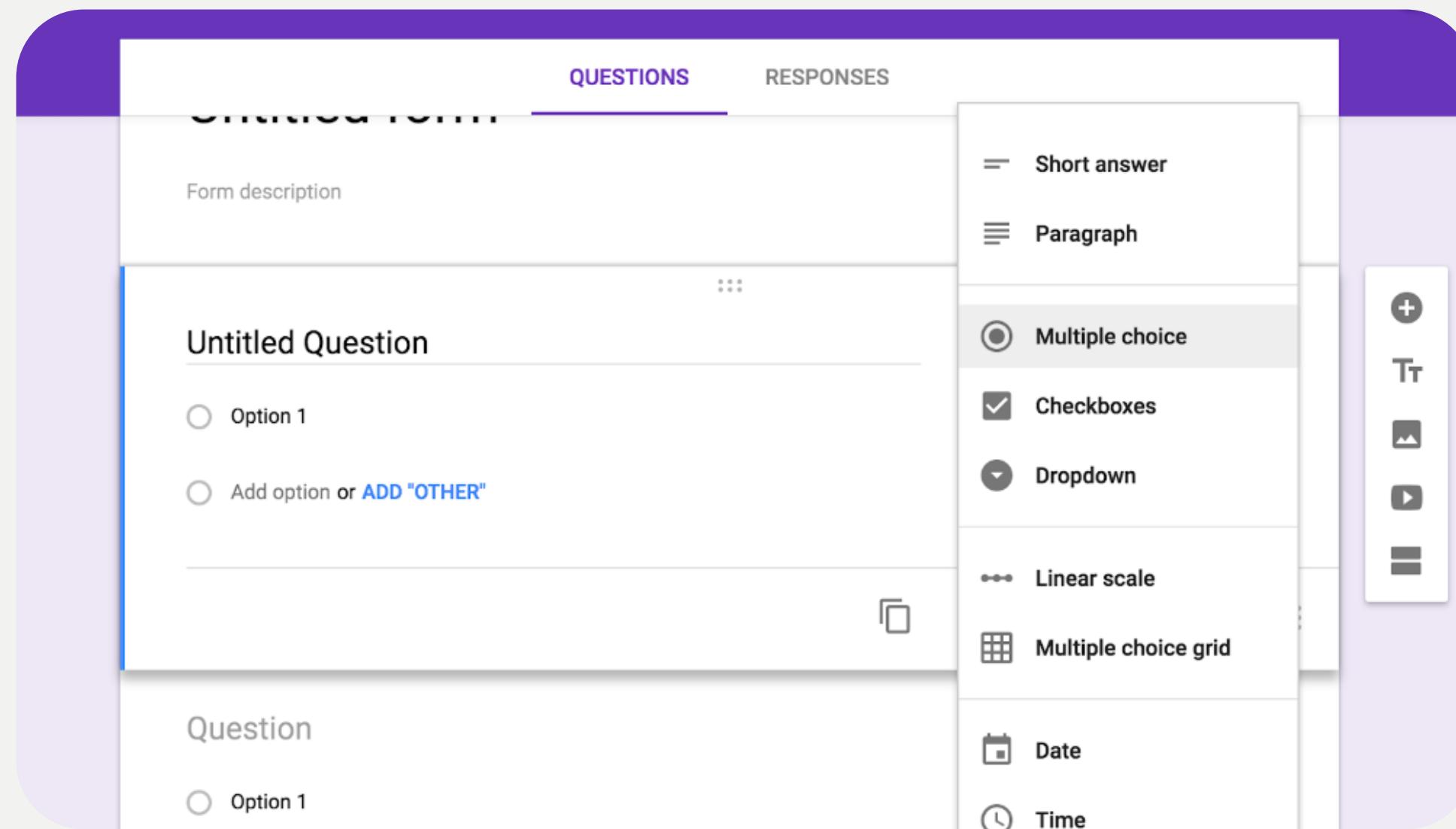
01

JotForm

An online form builder that offers a drag-and-drop interface for creating custom forms and workflows, with pre-built templates available.

NEXT

Related Works



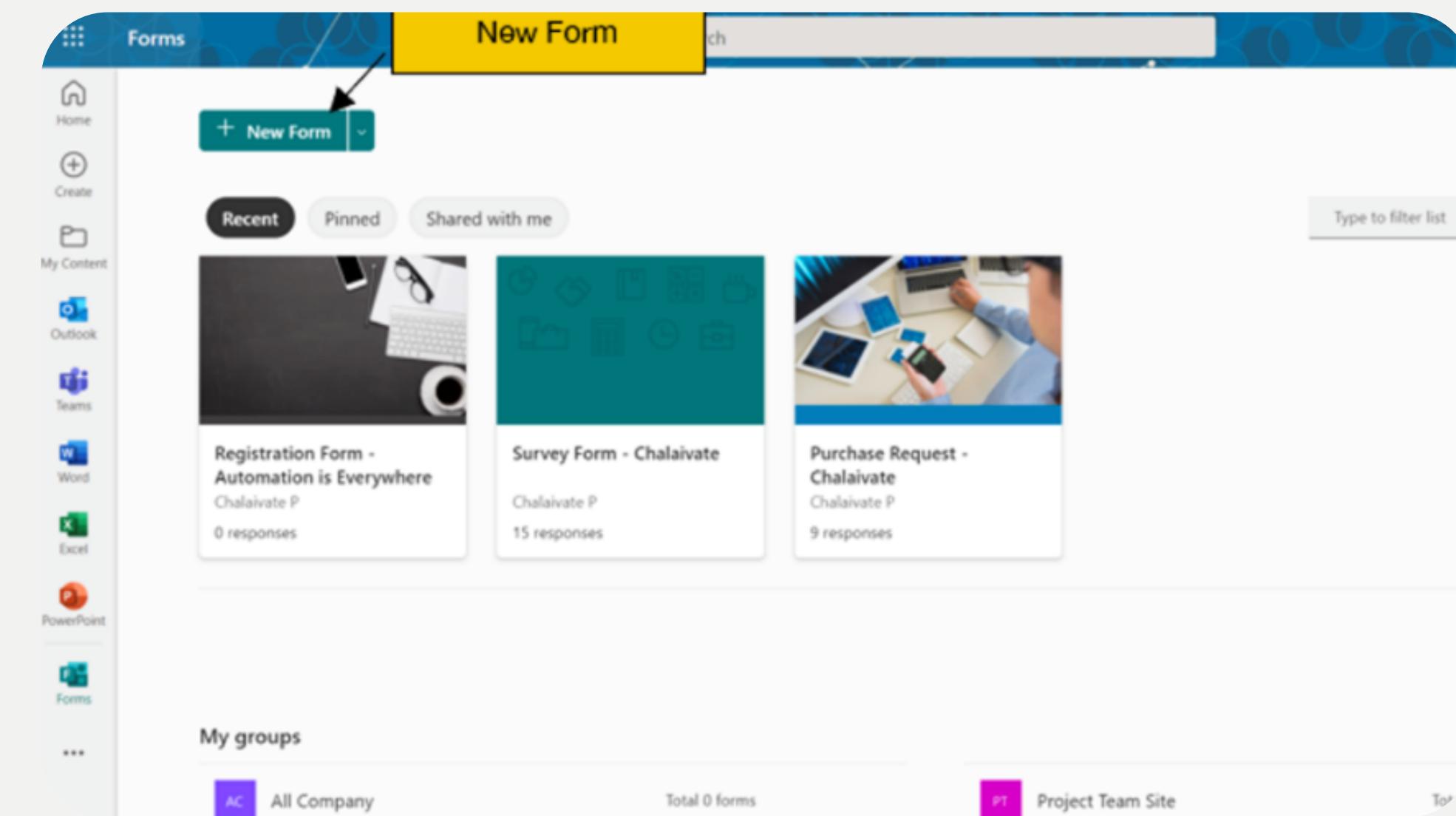
02

Google Forms

A free tool for creating custom forms and surveys, with various question types available. The appearance can be customized by adding images and changing the color scheme.

NEXT

Related Works



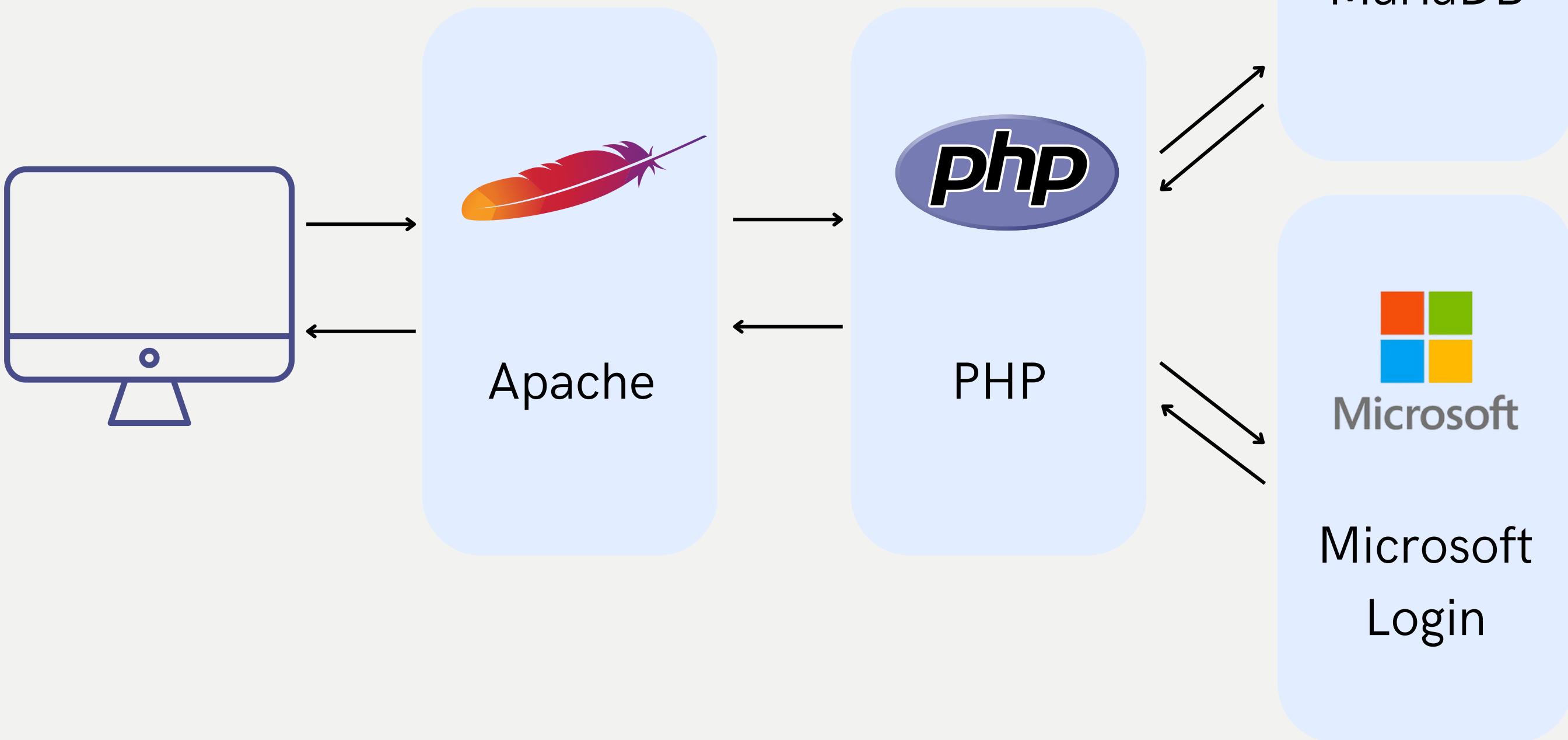
03

Microsoft Forms

Integrated with Microsoft products like Teams and SharePoint, and data can be exported to Excel or Power BI. It allows sharing and tracking of responses in real-time, with automatic email notifications available. However, it doesn't have advanced workflow capabilities.

NEXT

Architecture



NEXT

Architecture

Apache and PHP

Apache is functioning normally

Apache serves as a web server, handling requests for directories via the HTTP protocol and delivering files and web pages to users. Many web software and codes are designed with Apache's features and functionality in mind.

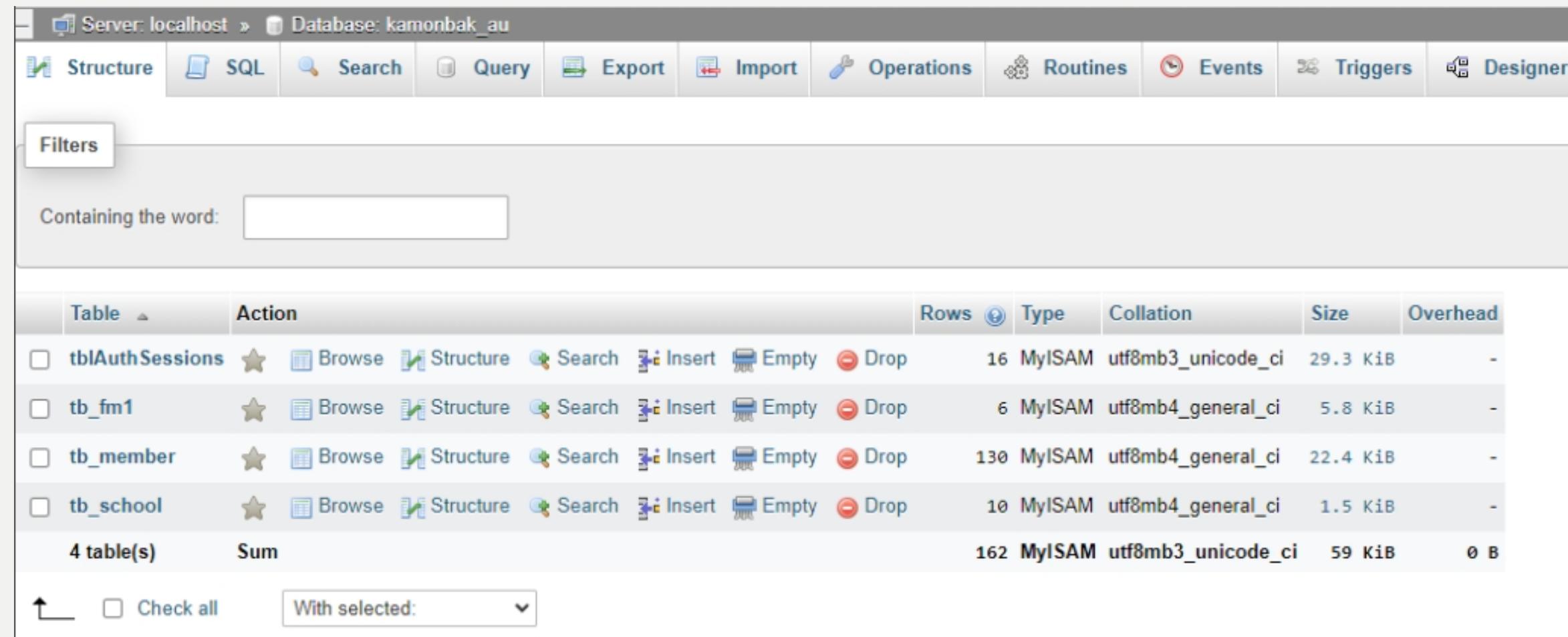
PHP Version 7.4.33

PHP is a scripting language that allows for the creation of dynamic and interactive web pages. It can be embedded into HTML and simplifies the addition of functionality to websites. The project mentioned was programmed using PHP version 7.4.33 for backend development.

NEXT

Architecture

MariaDB – database



The screenshot shows the phpMyAdmin interface for the 'kamonbak_au' database. The top navigation bar includes tabs for Structure, SQL, Search, Query, Export, Import, Operations, Routines, Events, Triggers, and Designer. A 'Filters' section contains a search input field labeled 'Containing the word:'. The main table lists four tables: 'tblAuthSessions', 'tb_fm1', 'tb_member', and 'tb_school'. Each table row includes columns for Action (with links for Browse, Structure, Search, Insert, Empty, Drop), Rows (16, 6, 130, 10 respectively), Type (MyISAM), Collation (utf8mb3_unicode_ci, utf8mb4_general_ci, utf8mb4_general_ci, utf8mb4_general_ci), Size (29.3 KiB, 5.8 KiB, 22.4 KiB, 1.5 KiB), and Overhead (-, -, -, -). A summary at the bottom indicates 162 rows and 59 KiB total size.

Table	Action	Rows	Type	Collation	Size	Overhead
tblAuthSessions	Browse Structure Search Insert Empty Drop	16	MyISAM	utf8mb3_unicode_ci	29.3 KiB	-
tb_fm1	Browse Structure Search Insert Empty Drop	6	MyISAM	utf8mb4_general_ci	5.8 KiB	-
tb_member	Browse Structure Search Insert Empty Drop	130	MyISAM	utf8mb4_general_ci	22.4 KiB	-
tb_school	Browse Structure Search Insert Empty Drop	10	MyISAM	utf8mb4_general_ci	1.5 KiB	-
4 table(s)	Sum				59 KiB	0 B

MariaDB is a database management system that is similar to MySQL and used in various applications, including data warehousing, e-commerce, and enterprise-level features. It can handle workloads efficiently, function in any cloud database, and operate at any scale.

NEXT

Architecture

Microsoft Login – Azure

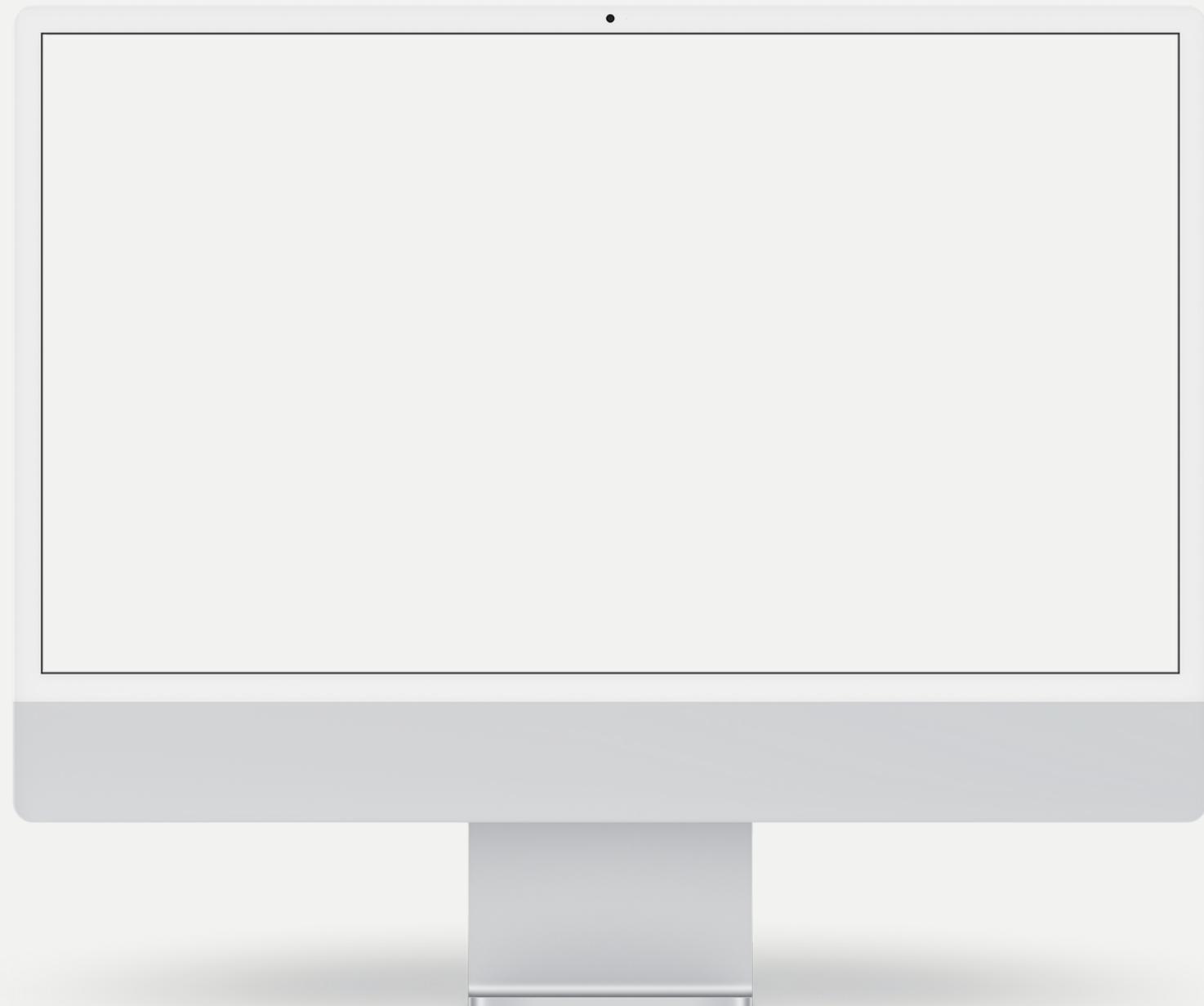
The screenshot shows the Azure Active Directory (Azure AD) Overview page for the tenant "Assumption University". The left sidebar includes links for Overview, Preview features, Diagnose and solve problems, Manage (Users, Groups, External Identities, Roles and administrators, Administrative units, Delegated admin partners, Enterprise applications, Devices, App registrations), and Alerts. The main content area displays basic information about the tenant, such as Name (Assumption University), Tenant ID (c1f3dc23-b7f8-48d3-9b5d-2b12f158f01f), Primary domain (microsoft.au.edu), License (Azure AD Basic for EDU), and various user and group counts (92,273 users, 36,386 groups, 80 applications, 16,297 devices). A search bar at the top right is set to "Azure Active Directory". A banner at the top right encourages switching to the Microsoft Entra admin center.

Name	Assumption University	Users	92,273
Tenant ID	c1f3dc23-b7f8-48d3-9b5d-2b12f158f01f	Groups	36,386
Primary domain	microsoft.au.edu	Applications	80
License	Azure AD Basic for EDU	Devices	16,297

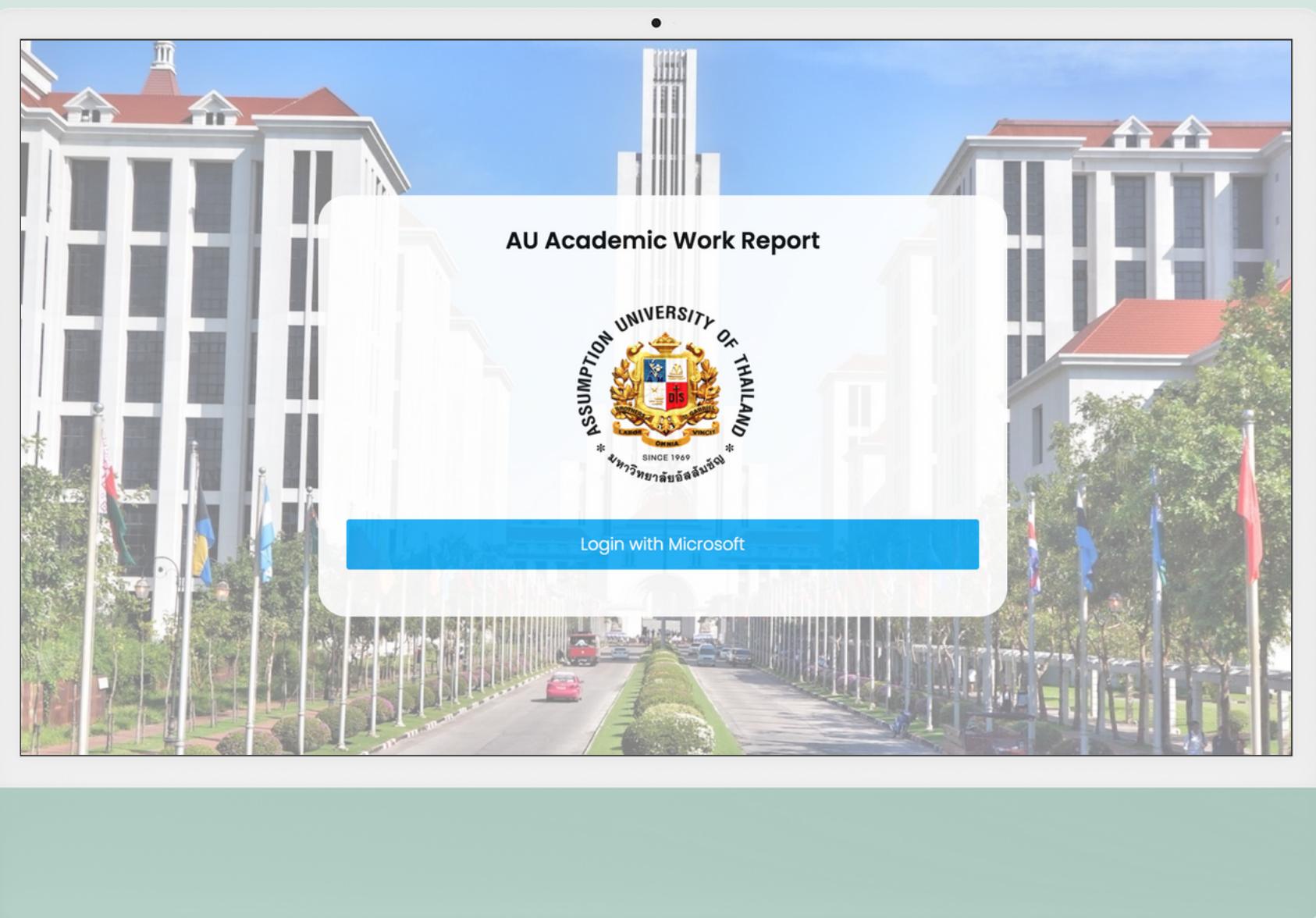
Microsoft Azure is a cloud computing platform used for Microsoft Login in the project mentioned. It offers access, administration, and development of applications and services through globally distributed data centers, supporting various programming languages, tools, and frameworks.

NEXT

User Interfaces



NEXT



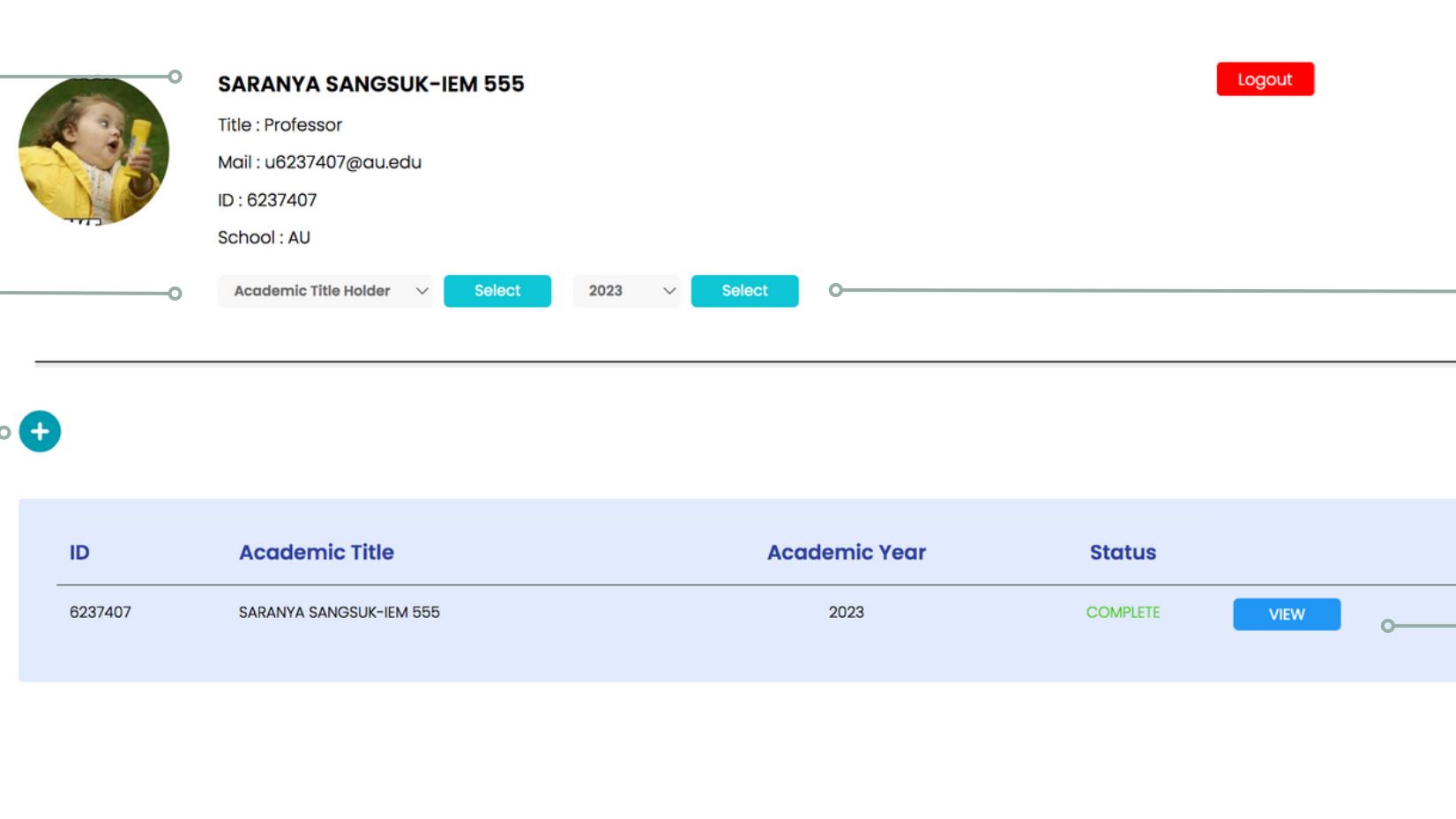
1ST ROLE

Academic Title Holders

ACADEMIC TITLE HOLDERS

Landing Page

Profile



SARANYA SANGSUK-IEM 555

Title : Professor
Mail : u6237407@au.edu
ID : 6237407
School : AU

Logout

Academic Title Holder Select 2023 Select

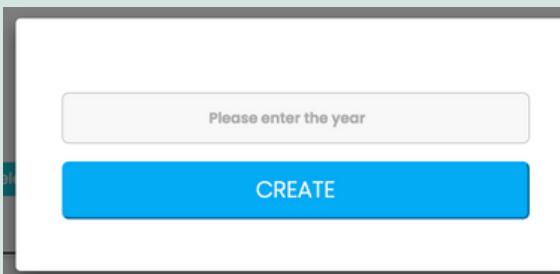
ID	Academic Title	Academic Year	Status
6237407	SARANYA SANGSUK-IEM 555	2023	COMPLETE

VIEW

Select your role

Create a new form

Once you create a new form, you will be asked to fill up the year.



Please enter the year

CREATE

Select year

To see your forms from the previous years

Forms and current status

ACADEMIC TITLE HOLDERS

Form

TOPIC: TEACHING WORKLOAD

1. Teaching

Semester:1/ 2023

Course Code #1

Course Title

Course Credit

No of Section



Add more course code

Semester:2/2023

Course Code #1

Course Title

Course Credit

No of Section



ACADEMIC TITLE HOLDERS Form

TOPIC: ADVISING

2. Advising

Graduate Program : Advisor Dissertations/Thesis

Course Code #7	Course Name	Program Name	Topics	Name of Advise
<input type="text"/>				

Grade

No file chosen

Add more course code

- Graduate Program
: Advisor Dissertations/Thesis
- Graduate Program
: Co-advisors Dissertations/Thesis
- Graduate Program
: Independent Research/Studies
- Undergraduate Program
: Independent Studies/Project

ACADEMIC TITLE HOLDERS Form

TOPIC: RESEARCH PUBLICATION

3. Publication/Dissemination of Academic Works

Publication of Research Article

Title #1

Weight

Please Select

% of contribution

Attach AW2

Choose Files No file chosen

Attach Paper

Choose Files No file chosen

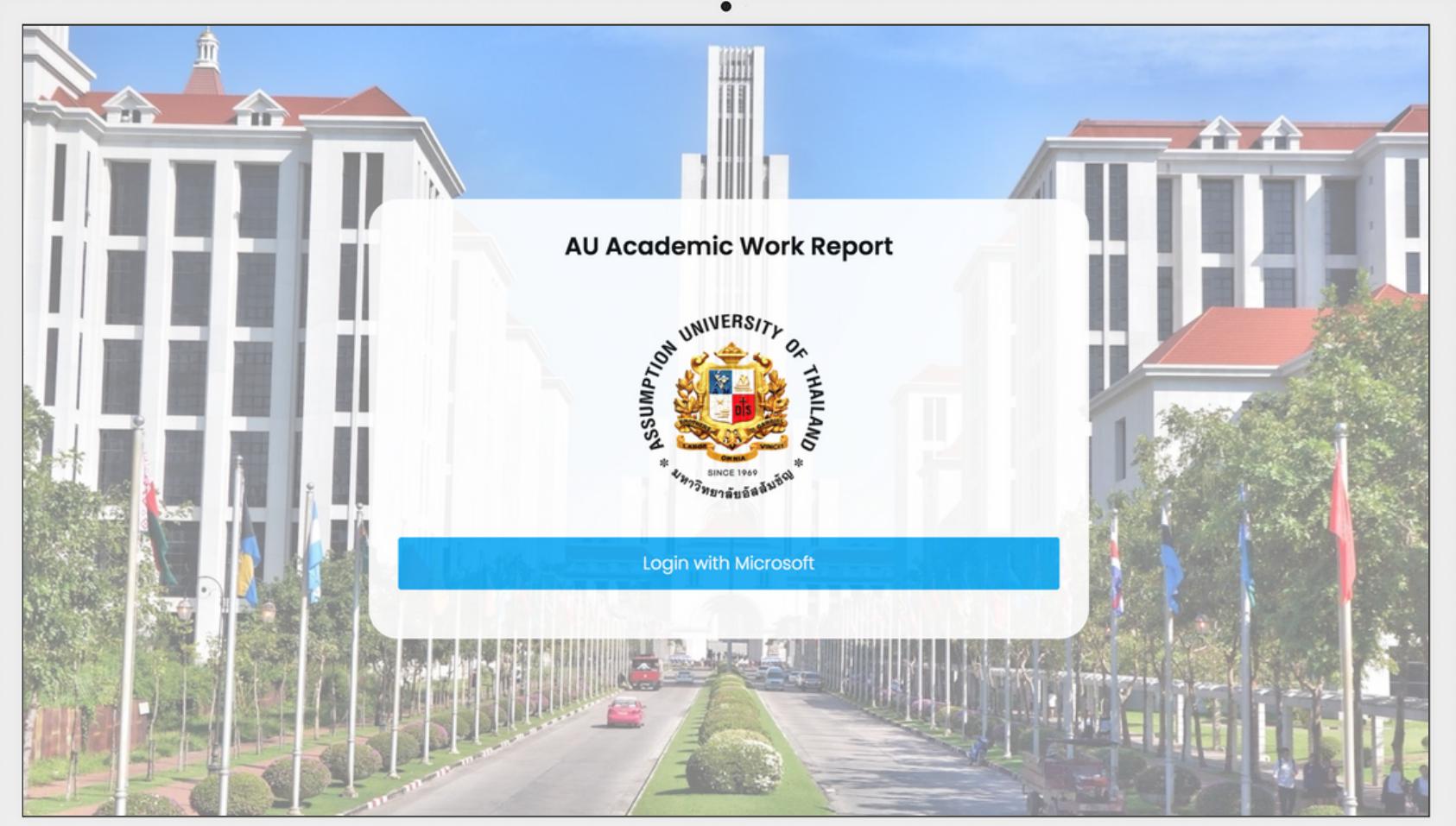
- Publication of Research Article
- Publication of Academic Article
- Publication of Book/Text Book



Add more titles

Submit

Status	Status	Status
DEAN PENDING	REJECTED	STAFF PENDING



2ND ROLE

Dean

DEAN

Landing Page



SARANYA SANGSUK-IEM 555

Title : Professor
Mail : u6237407@au.edu
ID : 6237407
School : AU

Dean Select Role 2023 Select Year

ID	Name	Academic Title	NEW	VIEW
6237407	SARANYA SANGSUK-IEM 555	Professor	NEW	VIEW

Logout

VIEW to see

DEAN

Aprrove / Reject

Publication of Book/Text Book

Title #1	Weight	% of contribution	
cccccccc	1.0	30	0.300

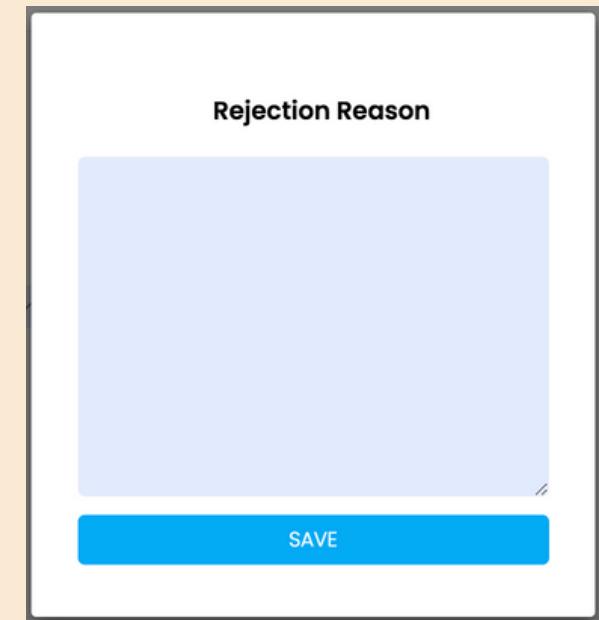
Attach AW2

[View Attachment](#) [x](#)

Attach Paper

[View Attachment](#) [x](#)

APPROVE [REJECT](#)



Click to approve or reject



3RD ROLE

Human Resource

HUMAN RESOURCES

Landing Page



SARANYA SANGSUK-IEM 555

Office of Human Resources Management

Mail : u6237407@au.edu

Logout

HR Select Role 2023 Select Year

ID	Name	Academic Title	
6237407	SARANYA SANGSUK-IEM 555	Professor	UNVERIFY VIEW O

VIEW to see

HUMAN RESOURCES

HR - Teaching Workload

1. Teaching			
Semester:1/2023			
Course Code #1	Course Title	Course Credit	No of Section
CSX4101	INFORMATION SYSTEM ANALYSIS AND DESIGN	3	1
Course Code #2	Course Title	Course Credit	No of Section
CSX4105	IT PROJECT MANAGEMENT	3	1
Course Code #3	Course Title	Course Credit	No of Section
CSX4106	ENTERPRISE ARCHITECTURE	3	1
Course Code #4	Course Title	Course Credit	No of Section
CSX2009	CLOUD COMPUTING	3	1
Semester:2/2023			
Course Code #1	Course Title	Course Credit	No of Section
CSX3008	OPERATING SYSTEM	3	1
Course Code #2	Course Title	Course Credit	No of Section
CSX3009	ALGORITHM DESIGN	3	1
Course Code #3	Course Title	Course Credit	No of Section
CSX4301	NETWORK DESIGN	3	1
Course Code #4	Course Title	Course Credit	No of Section
CSX3004	PROGRAMMING LANGUAGES	3	1

HR can see/access only Teaching topic.

HUMAN RESOURCES

HR - Teaching Workload

Course Title	Course Credit	No of Section
OPERATING SYSTEM	3	1
ALGORITHM DESIGN	3	1
NETWORK DESIGN	3	1
PROGRAMMING LANGUAGES	3	1

Workload ACTUAL HOURS % Total

0.000 0.000 0.000

Actual hours

HR will fill up the actual hours at the end of the form then verify.



4TH ROLE

Academic Affair

ACADEMIC AFFAIR

Landing Page



SARANYA SANGSUK-IEM 555

Academic Affair

Mail : u6237407@au.edu

Academic Affair 2023 Logout

ID	Name	Academic Title	UNVERIFY	VIEW
6237407	SARANYA SANGSUK-IEM 555	Professor		<input type="button" value="VIEW"/>

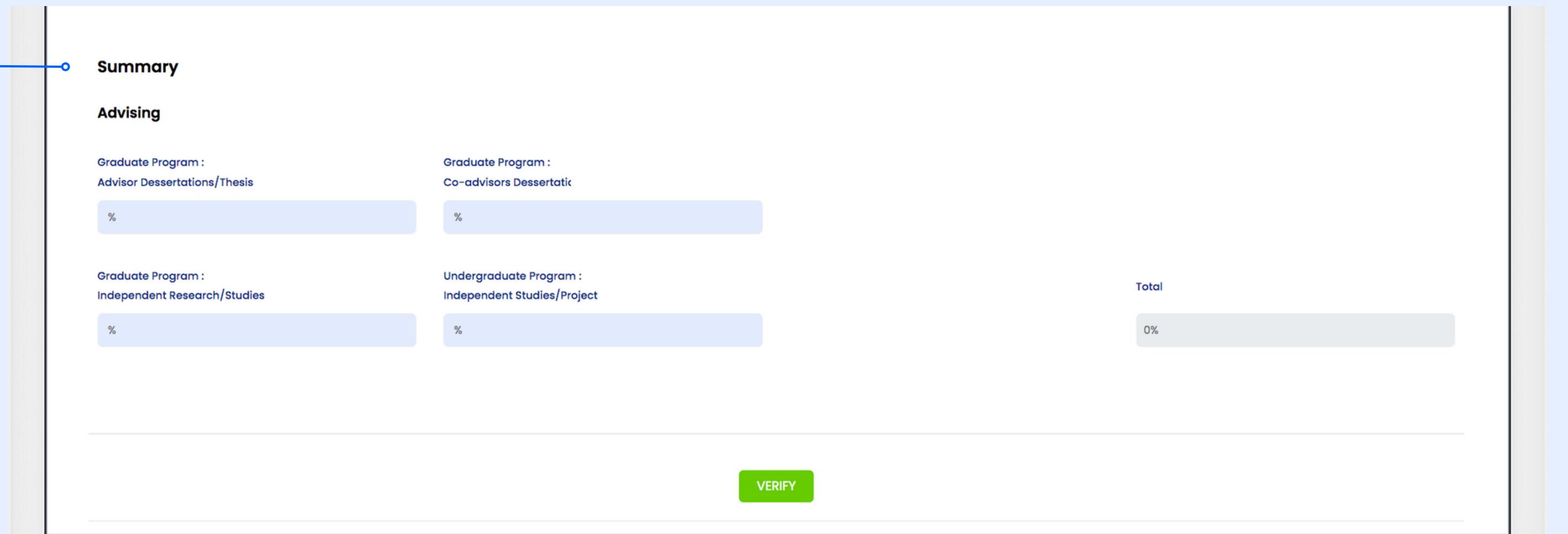
VIEW to see

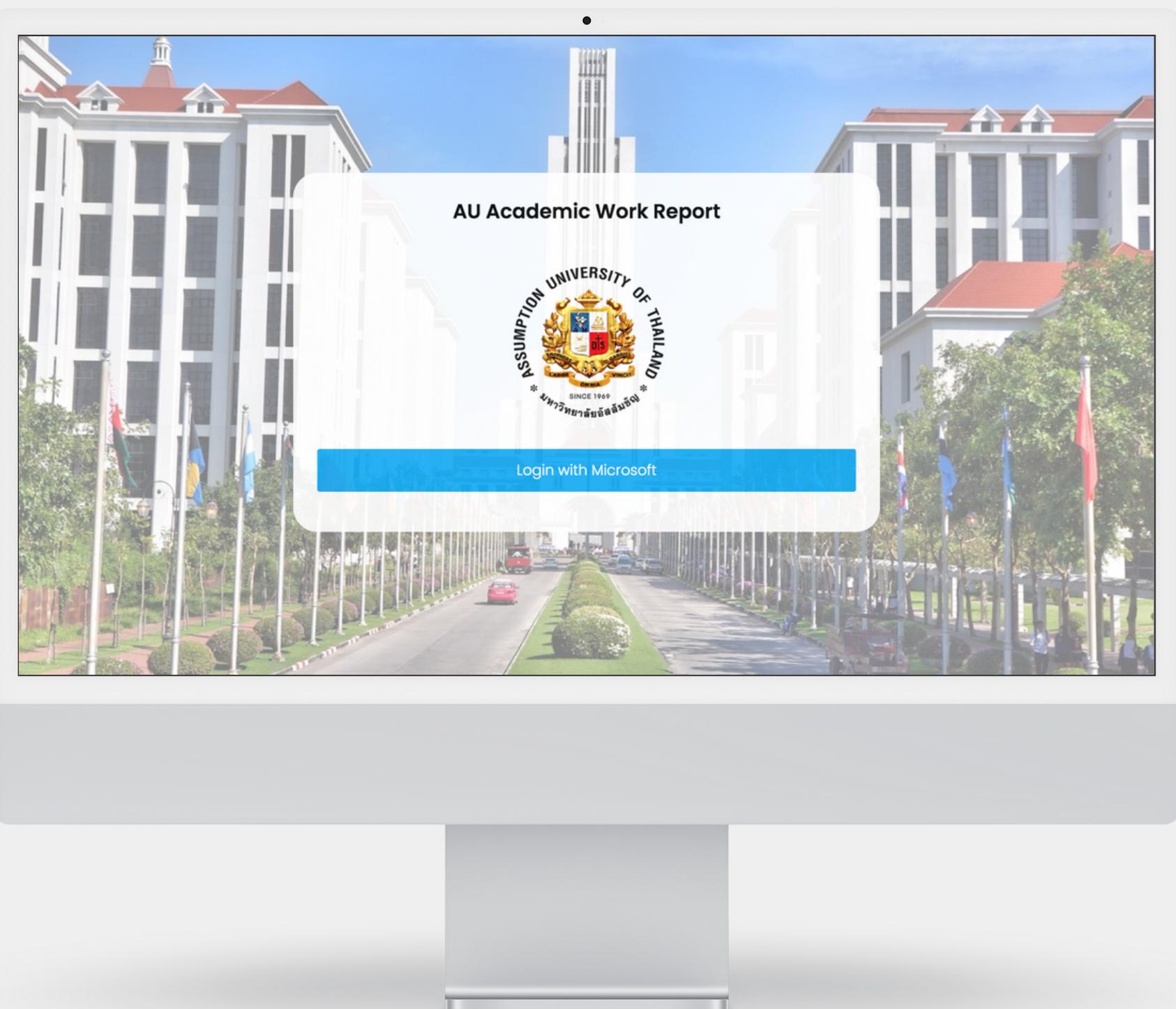
ACADEMIC AFFAIR

Academic Affair – Advising

Remuneration Rate

Academic Affair will count the work then the remuneration rate in percentage will be shown here then verify.





5TH ROLE

IRAS

INSTITUTE FOR RESEARCH AND ACADEMIC SERVICES

IRAS

Landing Page



SARANYA SANGSUK-IEM 555

Institute for Research and Academic Services
Mail : u6237407@au.edu

IRAS Select Role 2023 Select Year

Logout

ID	Name	Academic Title	
6237407	SARANYA SANGSUK-IEM 555	Professor	UNVERIFY VIEW o

VIEW to see

IRAS

IRAS - Research Publication

Publication of Book/Text Book

Title #1	Weight	% of contribution	Accurate	Adjust Weight	<input type="checkbox"/> Cannot Count
CCCCCC	1.0	30	0.300	<input type="checkbox"/>	Select

Attach AW2

View Attachment x

Attach Paper

View Attachment x

Research

Publication of Research Article	Publication of Academic Article	Publication of Book/Text Book	Total	Total
0.04	0.4	0.3	0.74	66.6%

SAVE **VERIFY**

Check count or not count or adjust the weight

View the attached file

The summary of determination of quality levels will be shown here.



6TH ROLE

University Committee

UNIVERSITY COMMITTEE

Landing Page

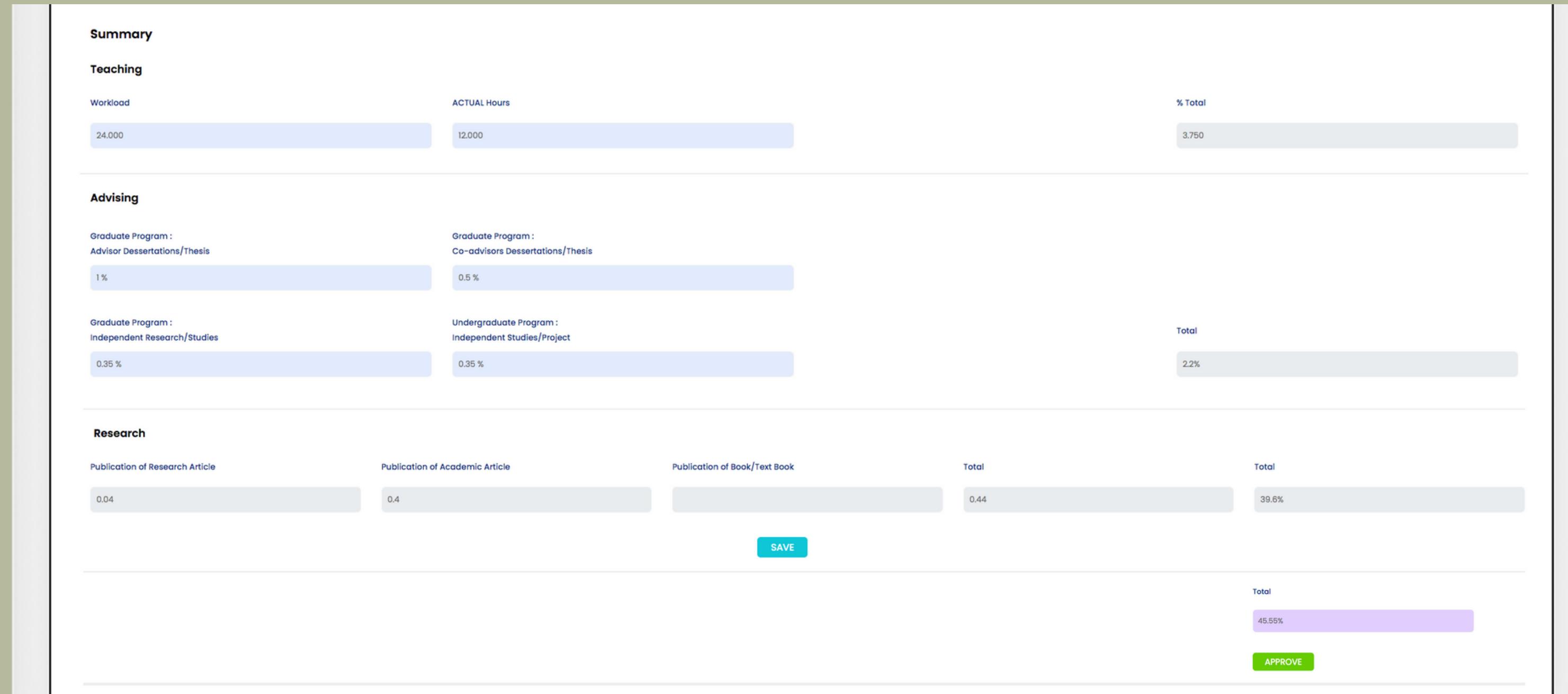
The screenshot shows the University Committee Landing Page. At the top left is a circular profile picture of a baby. To its right, the text "SARANYA SANGSUK-IEM 555" is displayed in bold black font. Below this, the text "University Committee" and "Mail : u6237407@au.edu" are shown. A red "Logout" button is located in the top right corner. Below the profile section, there are dropdown menus for "Committee" (set to "2023") and "Select Role" and "Select Year". A green "Download CSV File" button is positioned on the right side of the page. The main content area displays a table with three columns: "ID", "Name", and "Academic Title". The first row of the table contains the data: ID "6237407", Name "SARANYA SANGSUK-IEM 555", and Academic Title "Professor". To the right of the "Name" column, the word "VERIFIED" is written in green, and a pink "REVIEW" button is located below it. A horizontal line with an arrow points from the "REVIEW" button towards the text "VIEW to see" on the right.

ID	Name	Academic Title
6237407	SARANYA SANGSUK-IEM 555	Professor

Download csv. file

VIEW to see

UNIVERSITY COMMITTEE Summary





Live Demo