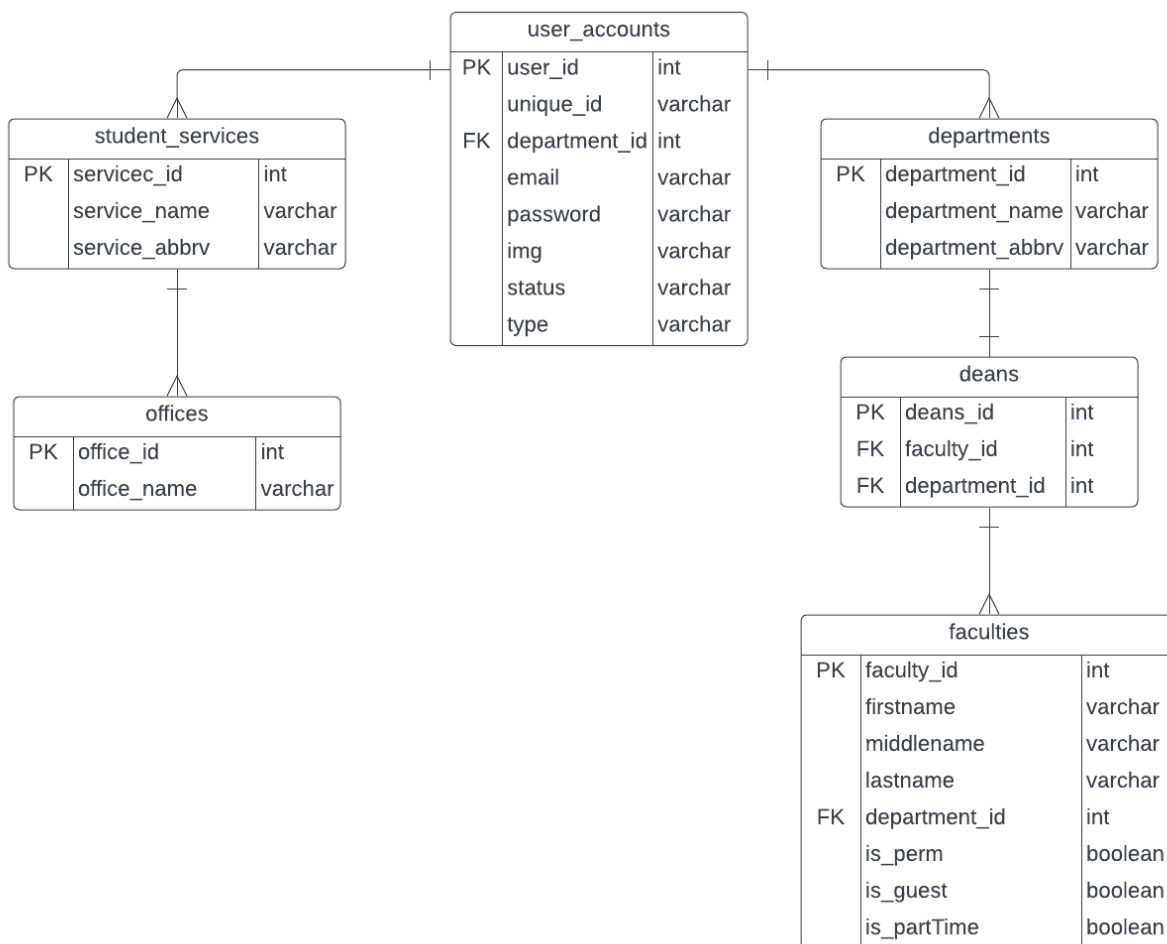# Web-Based Document Automation Management System

Felicisimo, Melvin G.

Aster, Kyle Chadwick V.
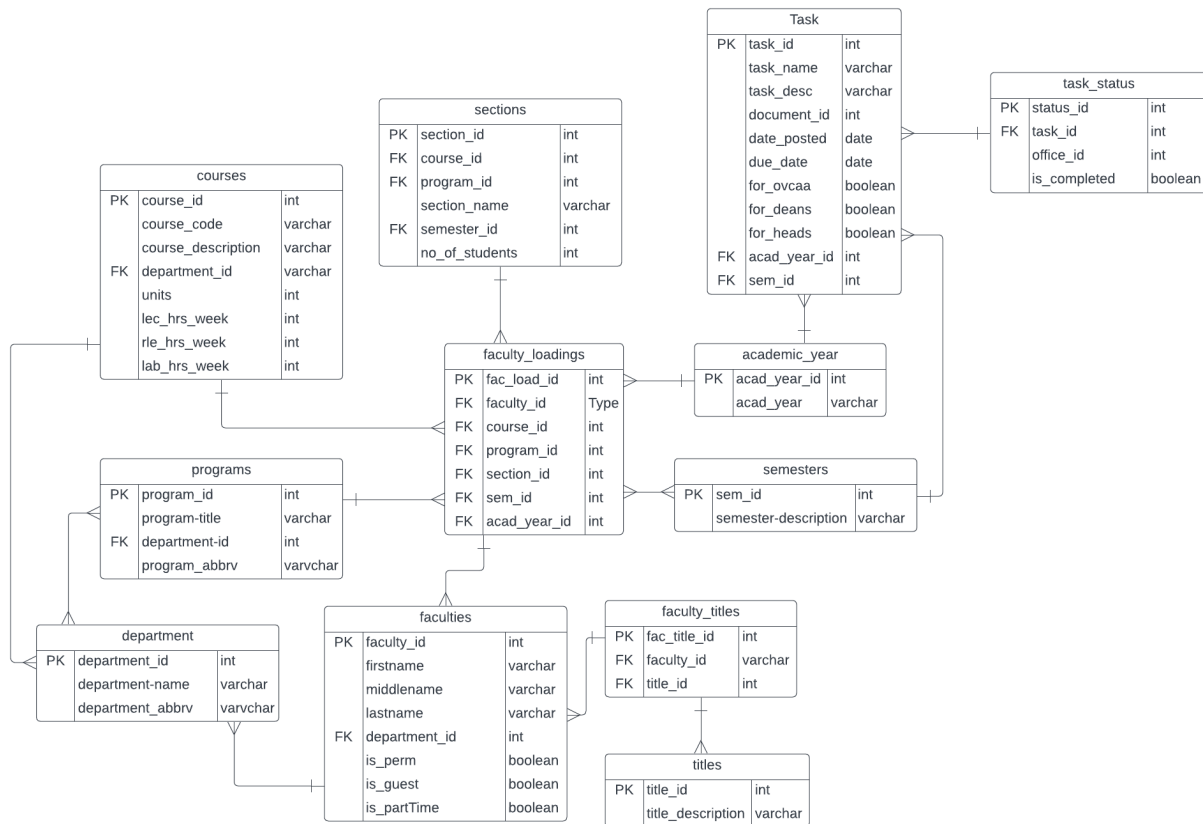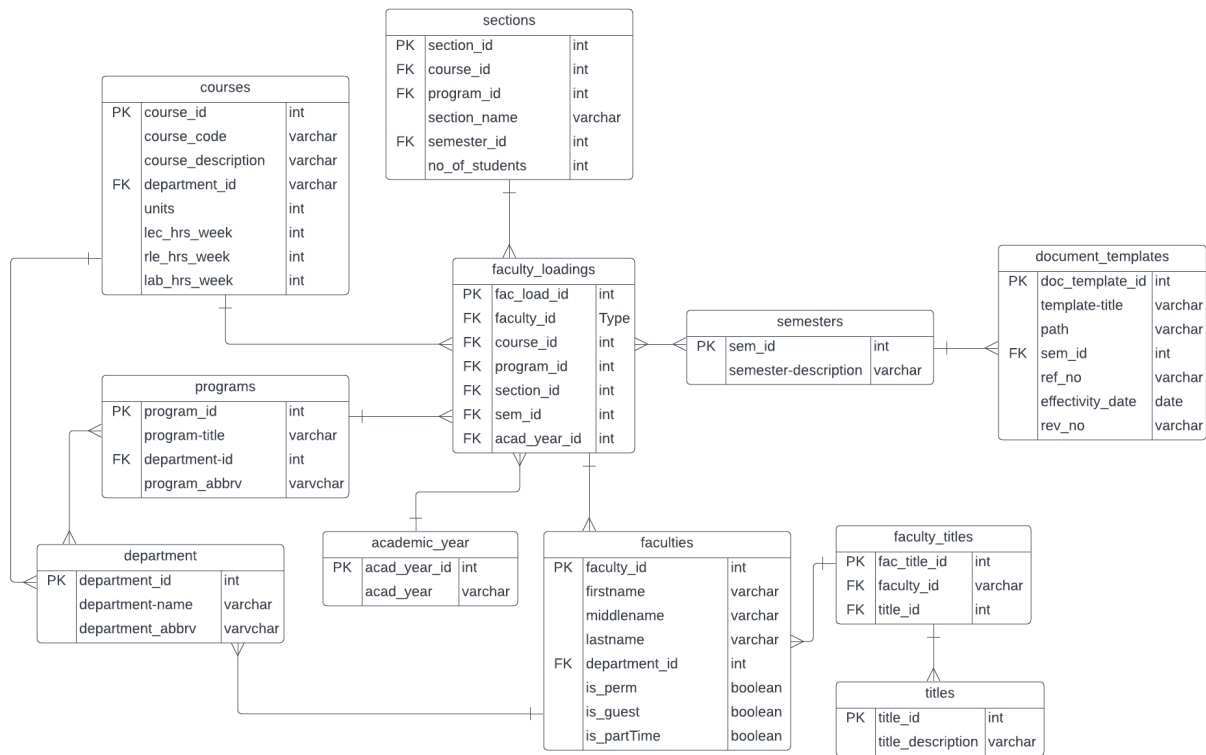
Rosel, Bryan Russel I.

Data Mapping

User Account Validation:

In this process, the type of user will be validated by the system to identify its user and direct them to their corresponding user interface.

Task

PK	task_id	int
	task_name	varchar
	task_desc	varchar
	document_id	int
	date_posted	date
	due_date	date
	for_ovcaa	boolean
	for_deans	boolean
	for_heads	boolean
FK	acad_year_id	int
FK	sem_id	int

task_status

PK	status_id	int
FK	task_id	int
	office_id	int
	is_completed	boolean

sections

PK	section_id	int
FK	course_id	int
FK	program_id	int
	section_name	varchar
FK	semester_id	int
	no_of_students	int

courses

PK	course_id	int
	course_code	varchar
	course_description	varchar
FK	department_id	varchar
	units	int
	lec_hrs_week	int
	rle_hrs_week	int
	lab_hrs_week	int

faculty_loadings

PK	fac_load_id	int
FK	faculty_id	Type
FK	course_id	int
FK	program_id	int
FK	section_id	int
FK	sem_id	int
FK	acad_year_id	int

academic_year

PK	acad_year_id	int
	acad_year	varchar

semesters

PK	sem_id	int
	semester-description	varchar

programs

PK	program_id	int
	program-title	varchar
FK	department-id	int
	program_abbrv	varvchar

faculties

PK	faculty_id	int
	firstname	varchar
	middlename	varchar
	lastname	varchar
FK	department_id	int
	is_perm	boolean
	is_guest	boolean
	is_partTime	boolean

faculty_titles

PK	fac_title_id	int
FK	faculty_id	varchar
FK	title_id	int

department

PK	department_id	int
	department-name	varchar
	department_abbrv	varvchar

titles

PK	title_id	int
	title_description	varchar

Assignment of Task:

In this process, the creator of the task will fill out the form with the details of the task, including the start date, deadline, title, description, and where it will be assigned. The task will be directed to its corresponding user or receiver for completion and passing after it's finished.

sections

PK	section_id	int
FK	course_id	int
FK	program_id	int
	section_name	varchar
FK	semester_id	int
	no_of_students	int

courses

PK	course_id	int
	course_code	varchar
	course_description	varchar
FK	department_id	varchar
	units	int
	lec_hrs_week	int
	rle_hrs_week	int
	lab_hrs_week	int

faculty_loadings

PK	fac_load_id	int
FK	faculty_id	Type
FK	course_id	int
FK	program_id	int
FK	section_id	int
FK	sem_id	int
FK	acad_year_id	int

semesters

PK	sem_id	int
	semester-description	varchar

document_templates

PK	doc_template_id	int
	template-title	varchar
	path	varchar
FK	sem_id	int
	ref_no	varchar
	effectivity_date	date
	rev_no	varchar

programs

PK	program_id	int
	program-title	varchar
FK	department-id	int
	program_abbrv	varvchar

academic_year

PK	acad_year_id	int
	acad_year	varchar

faculties

PK	faculty_id	int
	firstname	varchar
	middlename	varchar
	lastname	varchar
FK	department_id	int
	is_perm	boolean
	is_guest	boolean
	is_partTime	boolean

faculty_titles

PK	fac_title_id	int
FK	faculty_id	varchar
FK	title_id	int

department

PK	department_id	int
	department-name	varchar
	department_abbrv	varvchar

titles

PK	title_id	int
	title_description	varchar

Importing Data in Documents:

This process will include eleven tables, namely courses, sections, programs, semesters, departments, academic_year, faculty_loadings, faculties, faculty_titles, titles, and document_templates. The editor of the document will import the other information into the document.