POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
Office of the Vice President for Academic Affairs
COLLEGE OF COMPUTER AND INFORMATION SCIENCES
Department of Information Technology

WEB DEVELOPMENT FINAL PROJECT PRESENTATION
RATING SHEET

PROJECT TITLE:

MEMBERS NAME:

I.   PROJECT COMPLETENESS & FEATURES (25 Points)

User Interface Requirements (10 Points)

Criteria	4 Points (Excellent)	3 Points (Good)	2 Points (Average)	1 Point (Poor)	0 Points (Missing)
Authentication System	Full registration, login, logout, password reset with email verification	Complete login/registration with session management	Basic login/registration system	Authentication system incomplete or buggy	No authentication system
CRUD Operations	Full CRUD for at least 3 entities with proper validation and user feedback	Complete CRUD for 2-3 entities	Basic CRUD for 1-2 entities	CRUD operations incomplete or buggy	No CRUD operations
Data Display	Dynamic data display with search, filter, and pagination	Dynamic data with search/filter	Static or limited dynamic display	Poor data presentation	No proper data display
User Interaction	Multiple interactive features (forms, modals, validation, feedback)	Good interactive features	Basic interactive elements	Limited interaction	No interactive elements

Admin Interface/CMS Requirements (10 Points)

Criteria	4 Points (Excellent)	3 Points (Good)	2 Points (Average)	1 Point (Poor)	0 Points (Missing)
Admin Dashboard	Comprehensive dashboard with stats, charts, and quick actions	Functional dashboard with key metrics	Basic dashboard layout	Dashboard incomplete	No admin dashboard
Content Management	Full content management (add/edit/delete) for all entities	Good content management system	Basic content editing	Limited management capabilities	No content management
User Management	Complete user management (view, edit, delete, roles/permissions)	User management with basic controls	Simple user listing	Limited user controls	No user management
System Settings	Configurable settings, backup options, system logs	Basic settings panel	Minimal configuration options	Settings incomplete	No settings panel

Additional Features (5 Points)

Criteria	Points	Description
AJAX Implementation	2	Extensive use of AJAX for dynamic content loading without page refresh
File Uploads	1	Support for image/file uploads with validation
Reporting/Export	1	Data export (PDF/Excel) or report generation
Advanced Features	1	Implementation of at least one advanced feature (charts, maps, API integration, etc.)

II.   TECHNICAL IMPLEMENTATION (40 Points)

Front-End Implementation (15 Points)

Criteria	5 Points (Excellent)	4 Points (Good)	3 Points (Average)	2 Points (Poor)	1 Point (Very Poor)
HTML5 Structure	Semantic HTML5, proper document structure, accessibility attributes	Good HTML structure with semantic elements	Basic HTML structure	Poor structure, div soup	Invalid HTML, missing essential tags
CSS3 Styling	Advanced CSS3 (Flexbox/Grid), animations, responsive design framework	Good CSS with responsive design	Basic CSS with some responsiveness	Inconsistent styling, poor layout	Minimal or broken CSS
JavaScript	ES6+, modular code, error handling, DOM manipulation, event handling	Good JavaScript implementation	Basic JavaScript functionality	Buggy JavaScript, limited functionality	Minimal or non-working JavaScript
AJAX/JSON	Extensive AJAX usage with JSON, error handling, loading states	Good AJAX implementation with JSON	Basic AJAX functionality	Limited AJAX usage	No AJAX implementation

Back-End Implementation (15 Points)

Criteria	5 Points (Excellent)	4 Points (Good)	3 Points (Average)	2 Points (Poor)	1 Point (Very Poor)
PHP Structure	MVC or similar pattern, OOP, proper separation of concerns	Well-structured PHP with functions/classes	Basic PHP structure with some organization	Spaghetti code, mixed concerns	Poorly structured, difficult to follow
Database Design	Normalized database, proper relationships, indexes, optimized queries	Good database design with relationships	Basic database with tables	Poor design, missing relationships	No proper database design
Security	Prepared statements, input validation, XSS/CSRF protection, password hashing	Good security practices	Basic security measures	Minimal security	No security considerations
Session Management	Secure session handling, proper login/logout, session security	Good session management	Basic session implementation	Buggy sessions	No proper session management

Database Implementation (10 Points)

Criteria	3 Points (Excellent)	2 Points (Good)	1 Point (Average)	0 Points (Poor)
MySQL Schema	Normalized schema with proper data types, constraints, and relationships	Good schema design	Basic table structure	Poor or incomplete schema
CRUD Operations	Efficient queries, proper indexing, optimized database operations	Functional CRUD operations	Basic queries work	Incomplete or buggy queries
Data Integrity	Foreign keys, constraints, transactions, data validation at DB level	Good data integrity measures	Basic constraints	No data integrity measures
Backup/Restore	Database backup functionality or export feature	Database export works	Basic data export	No backup capability

III. CODE QUALITY & BEST PRACTICES (20 Points)

Code Organization (5 Points)

Level	Score	Description
Excellent	5	Clean separation of concerns, proper file structure, meaningful naming conventions
Good	4	Well-organized code with logical structure
Average	3	Basic organization with some inconsistencies
Poor	2	Disorganized code, difficult to navigate
Very Poor	1	No apparent organization

Code Comments & Documentation (5 Points)

Level	Score	Description
Excellent	5	Comprehensive comments, function documentation, README with setup instructions
Good	4	Good commenting, basic documentation
Average	3	Some comments, minimal documentation
Poor	2	Few comments, no documentation
Very Poor	1	No comments or documentation

Error Handling & Validation (5 Points)

Level	Score	Description
Excellent	5	Comprehensive error handling, user-friendly messages, validation on client & server
Good	4	Good error handling and validation
Average	3	Basic error handling
Poor	2	Minimal error handling
Very Poor	1	No error handling

Performance & Optimization (5 Points)

Level	Score	Description

Excellent	5	Optimized queries, minimized HTTP requests, efficient code, caching
Good	4	Good performance considerations
Average	3	Acceptable performance
Poor	2	Performance issues noticeable
Very Poor	1	Severe performance problems

IV. USER EXPERIENCE & DESIGN (15 Points)

UI/UX Design (10 Points)

Criteria	3 Points (Excellent)	2 Points (Good)	1 Point (Average)	0 Points (Poor)
Visual Design	Professional, attractive, consistent design with good color scheme	Visually appealing with minor inconsistencies	Basic design, functional but plain	Unattractive or confusing design
Responsiveness	Fully responsive on all devices, mobile-first approach	Responsive on most devices	Basic responsiveness	Poor or no responsiveness
Navigation	Intuitive navigation, clear information architecture, breadcrumbs	Good navigation structure	Navigable but could be improved	Confusing navigation
Usability	Excellent user flow, clear calls to action, helpful feedback	Good usability with minor issues	Functional but some usability problems	Difficult to use

Accessibility & Compatibility (5 Points)

Criteria	Points	Description
Cross-Browser Compatibility	2	Works correctly on all modern browsers
Mobile Compatibility	2	Fully functional on mobile devices
Basic Accessibility	1	Keyboard navigation, alt text, proper heading structure

GRADING SUMMARY

Score Calculation

Category	Maximum Points	Student Score
Project Completeness & Features	25	_____
Technical Implementation	40	_____
Code Quality & Best Practices	20	_____
User Experience & Design	15	_____
TOTAL	100	_____

Grading Scale

- A (90-100): Outstanding - Exceeds all requirements with excellent implementation

- B (80-89): Very Good - Meets all requirements with strong implementation

- C (70-79): Satisfactory - Meets basic requirements adequately

- D (60-69): Needs Improvement - Meets minimum requirements with issues

- F (0-59): Poor - Does not meet minimum requirements

PROJECT CHECKLIST

Required Features:

- User authentication (register/login/logout)

- Admin panel with dashboard

- At least 3 database tables with relationships

- Full CRUD operations for main entities

- Responsive design

- AJAX implementation for at least 2 features

- Form validation (client and server side)

- Session management

- Security measures (SQL injection prevention, XSS protection)

- Proper error handling

Bonus Features (Extra Credit):

- Email notifications

- File/image upload with validation

- Search functionality with filters

- Data export (PDF/Excel)

- Charts/graphs for data visualization

- API integration

- Multi-language support