Domain Classes Using Noun Technique

I. Master List of All Nouns

Identified Noun	Notes on including nouns as a thing to store
Learner	Unique thing the system needs to store. *Include*.
Instructor	Unique thing the system needs to store. *Include*.
Course	Tracks multiple courses. *Include*.
Module	Inside the scope of the system. *Include*.
Assessment	Needs to be tracked. *Include.*
Submission	Needs to track learners' submissions. *Include*.
Certificate	System generates many of this. *Include*.
Quiz	Synonym for assessment. *Exclude*.
Assignment	Synonym for assessment. *Exclude*.
Notification	Alerts that system manages multiple of them. *Include*.
Session	Necessary for organizing courses. *Include*.
Request	Important for customer service. *Include*.
Report	Performance reports. *Include*.
Feedback	Multiple feedback needed to be remembered. *Include*
Material	Course content. *Include*.
User Account	Unique account for each user. *Include*.
Operation	Keep track of roles involved in the operations of the system *Include*.
Progress Reports	Keep track of learner progress. *Include*.
Administrator	We know who they are. *Exclude*.
IT Team	We know who they are. *Exclude*.
Customer Service	We know who they are. *Exclude*.
Maintenance	Process not a thing. *Exclude*.
Content	Attribute of material. *Exclude*.

II. Domain Class Diagram
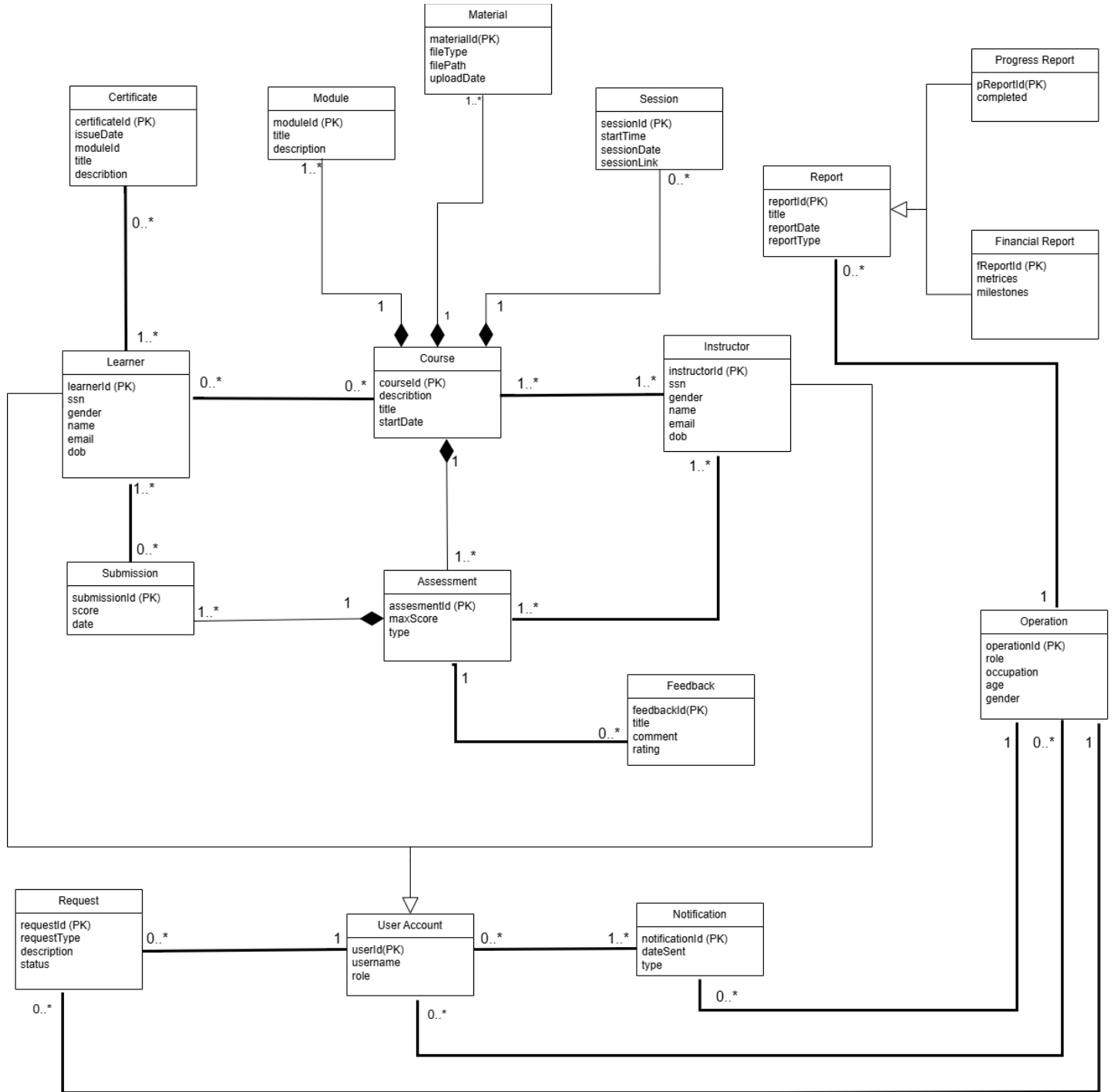
III. Crud Technique

Use Case / Domain Class	Learner	Instructor	Course	Module	Assessment	Submission	Certificate	Notification	Session	Request	Report	Feedback	Material	User Account	Progress Reports	Financial Report	Operation
1. Enroll in Course	C,R		R														
2. Create Course		C	C	C										C			
3. Upload Course Materials		R	R										C,R				
4. Issue Certificate			R				C										
5. View Available Courses	R		R														
6. Search Courses	R		R														
7. Submit Assignment	C,R				R	C											
8. Grade Assignment		R,U			R	U						C					
9. Request Technical Support	C									C							C,R,U
10. Update Course Catalog		U	U	U										U			
11. Respond to User Inquiries										C,R,U,D							C,R
12. Manage User Accounts	U,D	U,D												C,U,D			C,R,U
13. View Platform Performance											R				R		
14. Notify Learners of Scheduled								C	R								
15. Submit Final Assessments	C				R	C											
16. Perform System Maintenance																	C,R,U,D
17. Review System Performance											R						C,R
18. Review Financial Performance																R	
19. Generate Progress Report										C					C		
20. Provide Feedback					R							C					
21. Resolve Technical Issues										C,R,U							C,R,U
22. Unlock Next Module				U													
23. Notify Learners of Grades								C									
24. Automatically Grade Assessments					C	U											
25. Schedule Session									C								