

Function Point Analysis Report

1. Internal Logical Files (ILF)

Internal Logical Files

Entity	RET	DET	FP
User	1	8	7
Faculty	1	2	7
Teacher	1	2	7
Course	1	4	7
Note	1	6	7
Note Rating	1	6	7
Review	1	8	7
Report	1	6	7
Total FP (ILF)			56

2. External Interface Files (EIF)

No EIFs are present since all external entities are managed within the system.

3. External Inputs (EI)

External Inputs by Entity

Entity	Operation	FTR	DET	FP
User	Insert	2	8	4
	Update	2	8	4
	Delete	1	1	3
Faculty	Insert	1	1	3
	Delete	1	1	3
Teacher	Insert	1	1	3
	Delete	1	1	3
Course	Insert	3	3	4
	Update	3	3	4

Entity	Operation	FTR	DET	FP
Note	Delete	1	1	3
	Insert	3	5	6
	Update	3	5	6
NoteRating	Delete	1	1	3
	Insert	3	4	4
	Delete	1	1	3
Review	Insert	3	6	6
	Update	3	6	6
	Delete	1	1	3
Report	Insert	4	5	6
	Delete	1	1	3
Total FP (EI)				80

4. External Queries (EQ)

External Queries

Category	FTR	DET	FP
Course	3	11	5
Faculty	2	2	4
Reviews	2	6	4
Notes	1	3	4
User Accounts	1	2	3
User Page	2	5	4
Teacher	1	1	3
Total FP (EQ)			27

5. External Outputs (EO)

External Outputs

Category	FTR	DET	FP
Notes	1	1	3
Course	1	3	4
Total FP (EO)			7

Total Function Points Summary

$$\text{Total FP} = \text{ILF (56)} + \text{EI (80)} + \text{EQ (27)} + \text{EO (7)} = \boxed{170}$$