All Reports (once they have gone thru dashboard.php) have:

1.-	Patient ID	MANDATORY
2.-	Doctor ID (Creator)	optional

There are 3 connection tables:

1.- doctorsLINKusers	*DLU*	
	Basic Fields:	IdUs --> IdReport --> IdMed
	Meaning:	Patient IdUs (on report IdReport) grants access to Doctor IdMed
		Patient IdUs (for ALL his reports, if IdReport=NULL) grants access to Doctor IdMed to ALL reports
2.- doctorsLINKdoctors	*DLD*	
	Basic Fields:	IdMed1 <---> IdMed2 --> IdUs
	Meaning:	Doctor IdMed1 grants IdMed2 access to HIS VIEWING PRIVILEGES on patient IdUs
3.- doctorsgroups	*DG*	
	Basic Fields:	IdMed ---> IdGroup
	Meaning:	Doctor IdMed belongs to Group

USE CASE:

USER IS:	1131
Doctor Accesing is:	41
DLU TABLE -->	(Entries are report-specific, if IdReport is NULL means access to ALL reports is granted)
	There is an entry linking IdMed=41 with IdUs=1131 for IdReport = 2134
	There is an entry linking IdMed=41 with IdUs=1131 for IdReport = 2135
DG TABLE -->	IdMed = 41 belongs to Group A
	IdMed = 41 belongs to Group B
	Doctor IdMed=65 belongs to Group A, Doctor IdMed=145 belongs to Group A, Doctor IdMed=12 belongs to Group B
DLD TABLE -->	There is an entry linking IdMed=41 with IdMed = 98

Reports

IdReport	1245	1246	1247	1248	1249	2134	2135	2136	2137	3952	4125	5002
IdUser	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131	1131
IdMed/Creator	41	41	65	145	12	241	405	405	405	98	212	-
Group	A,B	A,B	A	A	B	F	R	R	R	L	L	-
DLU	-	-	-	-	-	entry 1131->41->2134	entry 1131->41->2135	entry 1131->41->2136	entry 1131->41->2137	-	-	entry 1131->98->5002
DLD	-	-	-	-	-	-	-	-	-	entry 98->41 (Rule#1)	entry 98->41 (Rule#2)	entry 98->41 (Rule#3)
Is report Flagged PRIVATE?	-	-	-	-	-	-	-	YES	-	-	-	-
Is report Flagged DELETED?	-	-	-	-	-	-	-	-	YES	-	-	-
APPLYING RULE	#1	#1	#2	#2	#2	#3	#3	#3	#3	#4	#4	#4

patientdetailMED will:

Rule #1: Direct Assignment rule : "Open all reports with IdCreator = 41"
All reports which IdCreator (IdMed) = 41 are open (not blinded).
WILL SHOW REPORTS 1245 and 1246

if rule#1 don't apply — *Rule #2:* Group membership rule (DG TABLE): "Open all reports with IdMed belonging to groups where 41 belongs"
assuming IdMed = 41 belongs to Groups A and B
All reports which IdCreator (IdMed) is a doctor that belongs to A are open (not blinded).
All reports which IdCreator (IdMed) is a doctor that belongs to B are open (not blinded).
WILL SHOW REPORTS 1247,1248 and 1249

if rules#1 & #2 don't apply — *Rule #3:* Patient Permission rule (DLU TABLE): "Open all reports where there is an entry linking IdReport with IdMed = 41 and IdUser=1131"
and Specific Overriding addendum for Rule#3 : "Open all reports if there is an entry linking IdMed and IdUser with a NULL on IdReport "
Report with Id 2134 is open (not blinded).
Report with Id 2135 is open (not blinded).
Report with Id 2136 is blinded (marked PRIVATE, not with the lock) because is marked as PRIVATE (OVERRIDES ALL OTHER PERMISSIONS FOR NON-CREATOR OR NON-GROUP USERS).
Report with Id 2137 is blinded (marked DELETED, not with the lock) because is marked as DELETE (OVERRIDES ALL OTHER PERMISSIONS FOR EVERYBODY).
WILL SHOW REPORTS 2134 and 2135 (overriding previous authorisation for 2136 and 2137)

if rules#1, #2 & #3 don't apply — *Rule #4:* Doctors Sharing rule (DLD TABLE): "If there is an entry at DLD linking IdMed = 98 with our IdMed = 41, follow rules #1,#2 and #3 as if IdMed=41 is IdMed=98)
Report with Id 3952 is open (not blinded).
WILL SHOW REPORT 3952, 4125 and 5002
*** NOTE RULE #4 is NOT indefinitelly recursive: ONLY 1 HOP *** (if there is a subsequent DLD link for doctor IdMed=98 with other IdMed, IT WILL NOT WORK)