Design Documents

for

Automated Software Engineering Student Subject Evaluations (ASESSE)

Version 1.0

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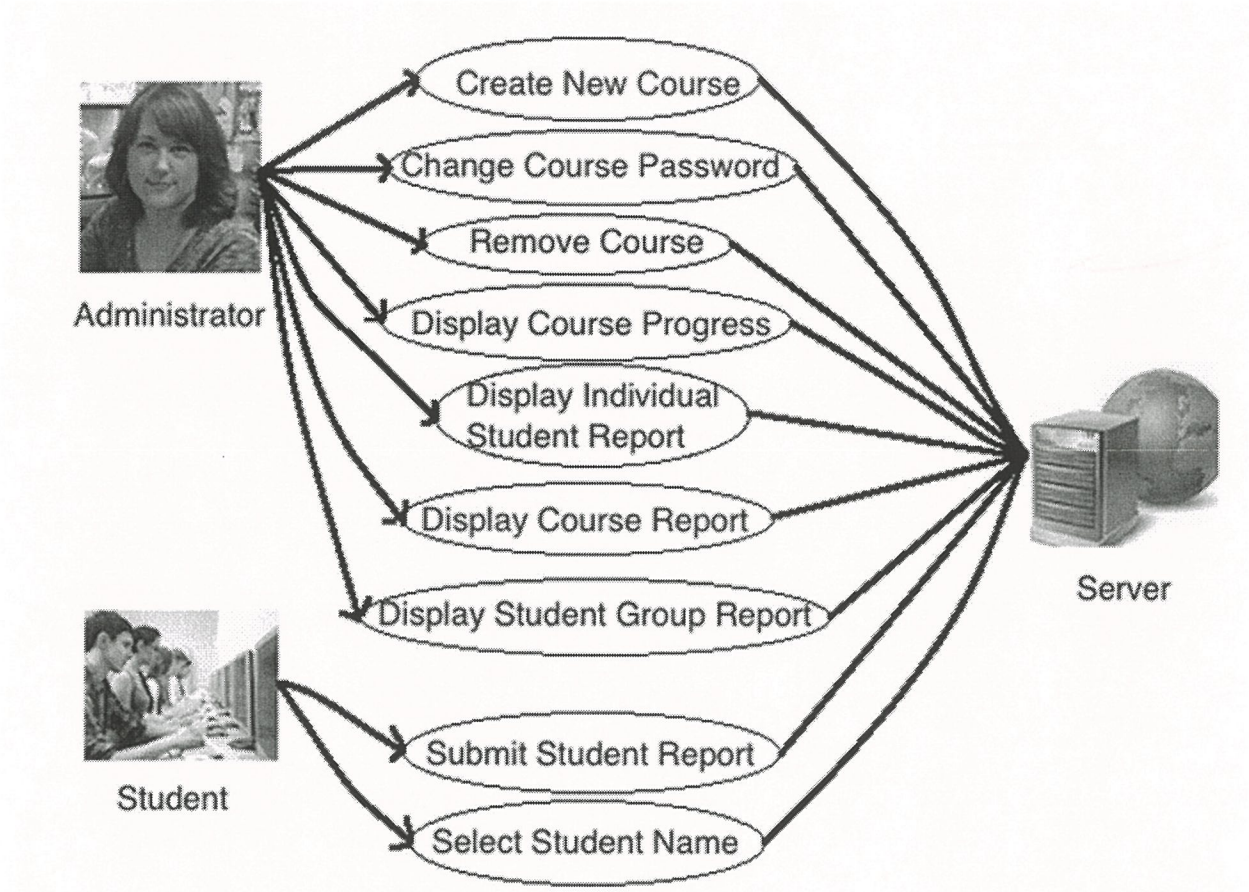
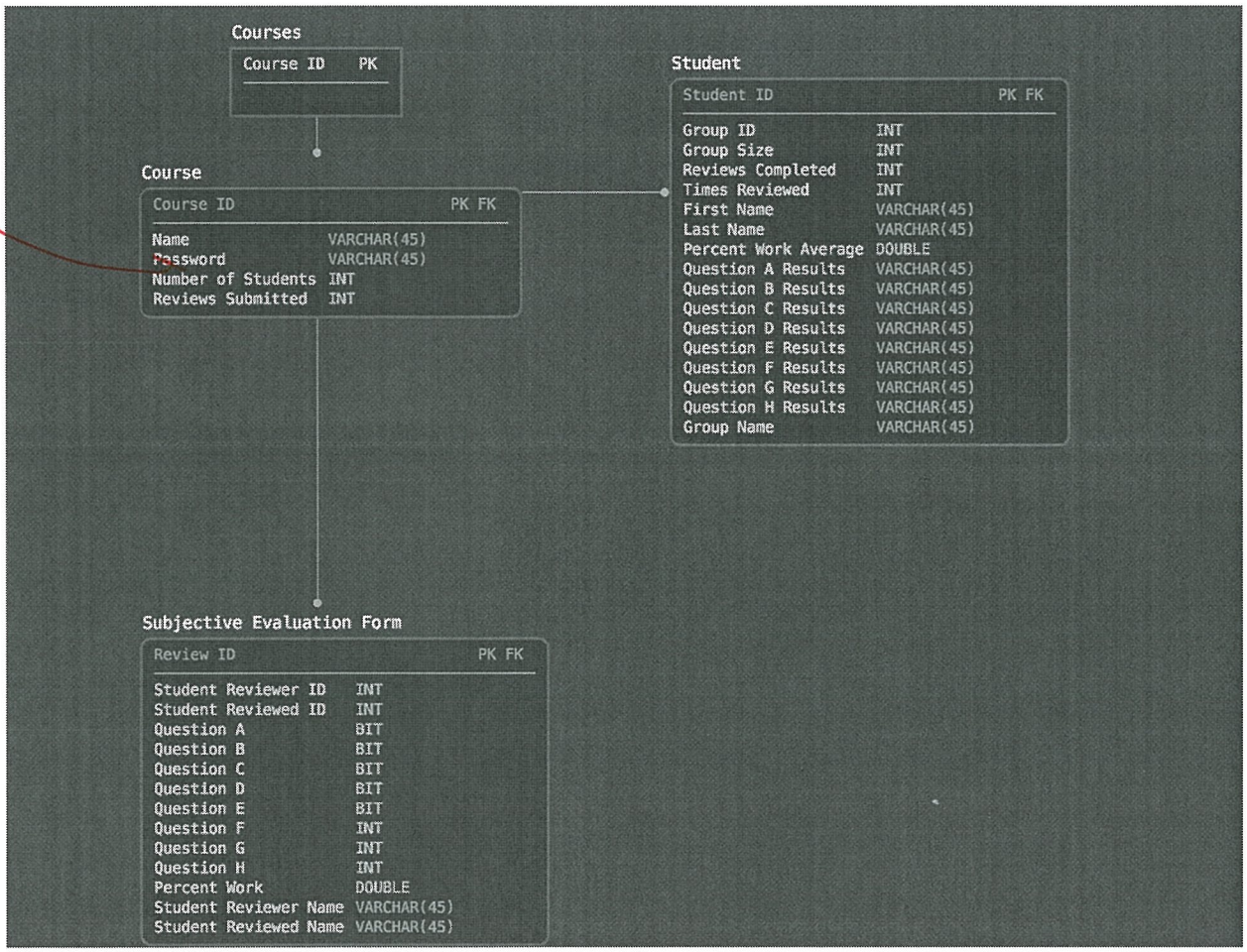
Navigation Diagram

Use Case Diagram

Not a design Diagram.



Database Diagram



Class Diagram

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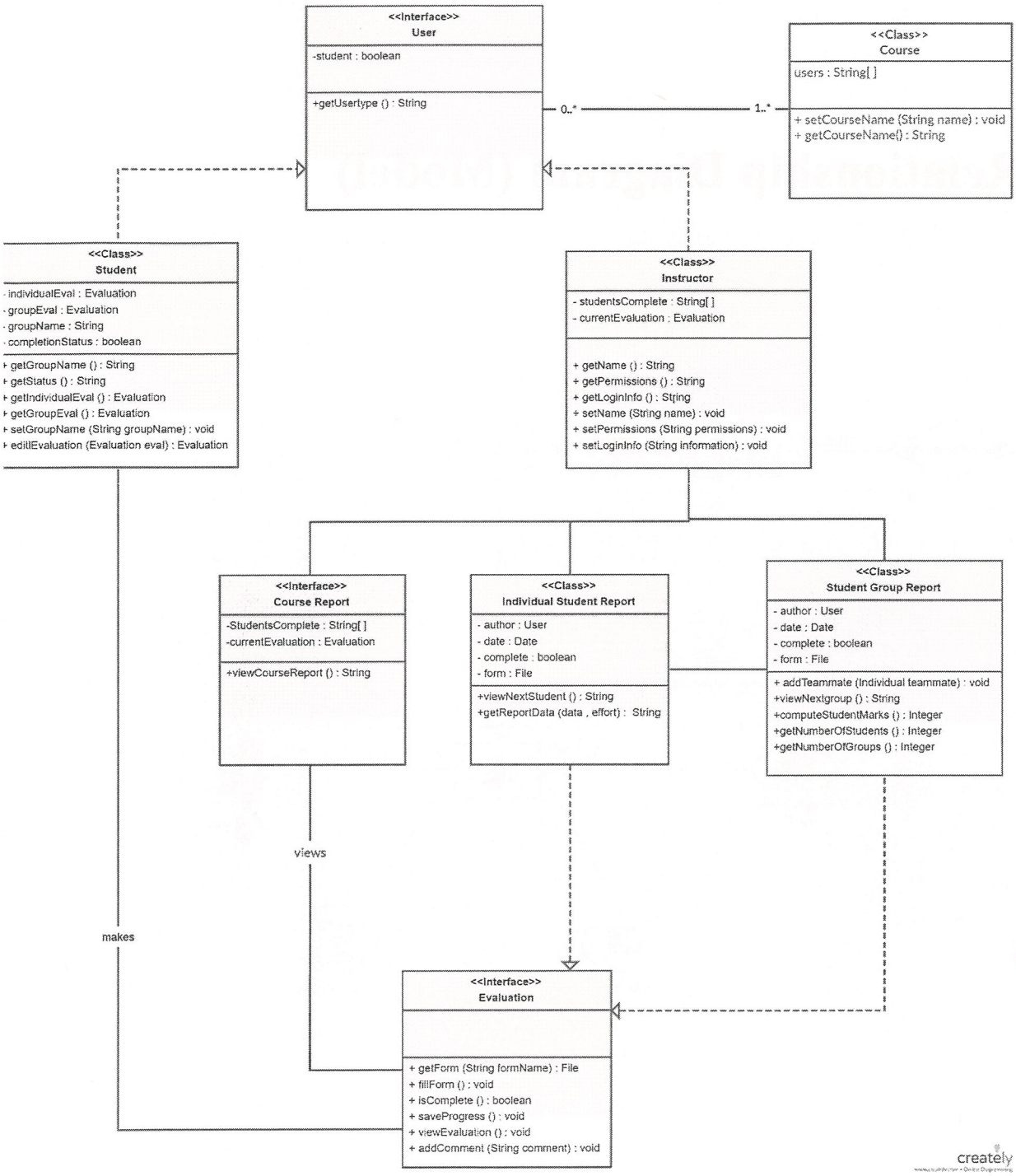
<<Interface>>
User
-student : boolean
+getUsertype () : String
0..*
1..*
<<Class>>
Course
users : String[ ]
+ setCourseName (String name) : void
+ getCourseName() : String
<<Class>>
Student
- individualEval : Evaluation
- groupEval : Evaluation
- groupName : String
- completionStatus : boolean
+ getGroupName () : String
+ getStatus () : String
+ getIndividualEval () : Evaluation
+ getGroupEval () : Evaluation
+ setGroupName (String groupName) : void
+ editIEvaluation (Evaluation eval) : Evaluation
<<Class>>
Instructor
- studentsComplete : String[ ]
- currentEvaluation : Evaluation
+ getName () : String
+ getPermissions () : String
+ getLoginInfo () : String
+ setName (String name) : void
+ setPermissions (String permissions) : void
+ setLoginInfo (String information) : void
<<Interface>>
Course Report
-StudentsComplete : String[ ]
-currentEvaluation : Evaluation
+viewCourseReport () : String
<<Class>>
Individual Student Report
- author : User
- date : Date
- complete : boolean
- form : File
+viewNextStudent () : String
+getReportData (data , effort) : String
<<Class>>
Student Group Report
- author : User
- date : Date
- complete : boolean
- form : File
+ addTeammate (Individual teammate) : void
+viewNextgroup () : String
+computeStudentMarks () : Integer
+getNumberOfStudents () : Integer
+getNumberOfGroups () : Integer
views
makes
<<Interface>>
Evaluation
+ getForm (String formName) : File
+ fillForm () : void
+ isComplete () : boolean
+ saveProgress () : void
+ viewEvaluation () : void
+ addComment (String comment) : void

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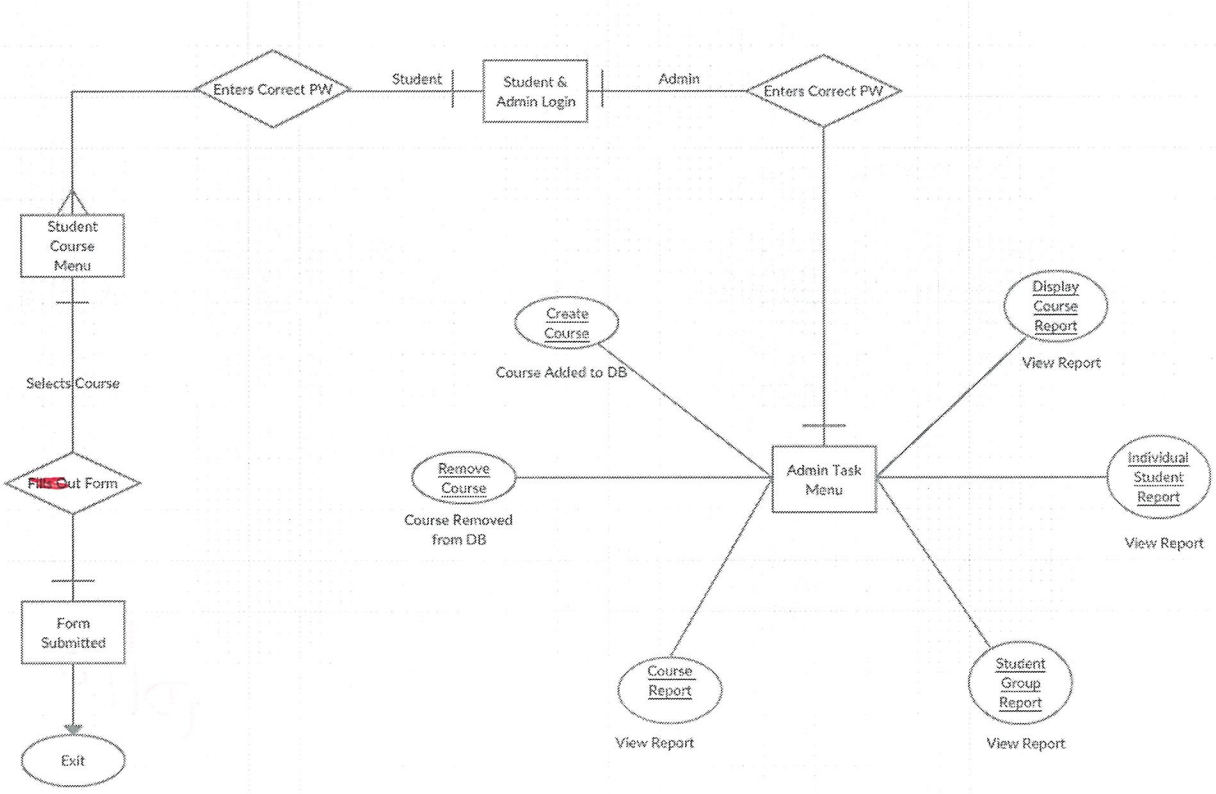
Entity Relationship Diagram (Model)



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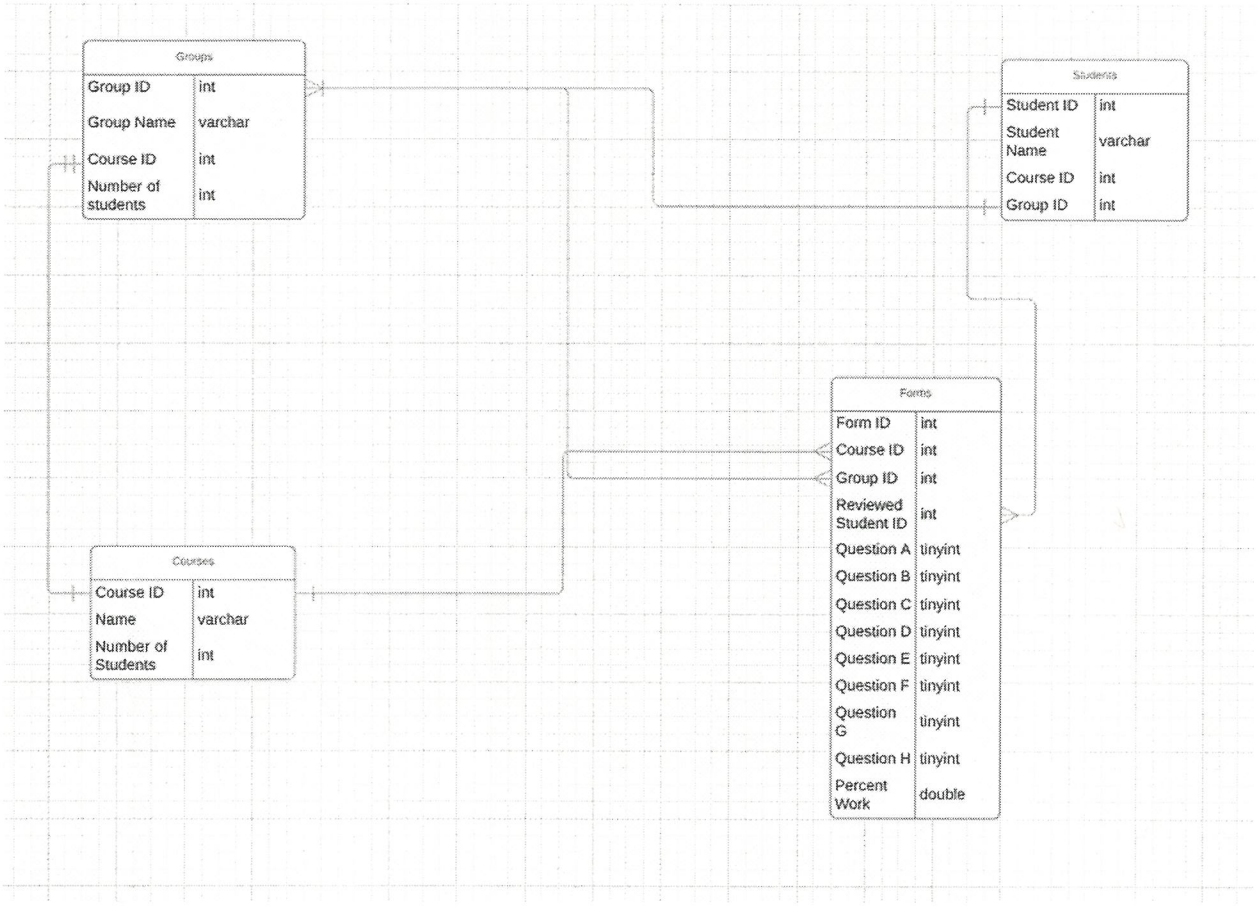
Entity Relationship Diagram (Database)



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