Course

Assignment

Scholarship

C Manager

F Manager

Teacher

Student

Assignment

id
points
description

Inheritance

Essay
Assignment

Choice
Assignment

Data Exchange

File 1
File 2
File n

Search System ← DB Server ← File Operation

C Manager — **Create**
F Manager — **Add credit**
Teacher — **Add assignments**
Student — **Sign up**

Create Scholarship Attribute to student
Grade assignment
Submit assignment

Scholarship
Assignment
Course