

Tables for the database:

Primary keys are bold and underlined

Foreign keys are just underlined

** items are not atomic

Student

<u>Student ID</u>	First Name	Last Name	Address	Email	Phone	<u>User ID</u>
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Marker

<u>Marker ID</u>	First Name	Last Name	Address	Email	Phone	<u>User ID</u>
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Instructor

<u>Instructor ID</u>	First Name	Last Name	Address	Email	Phone	Office Number	<u>User ID</u>
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Admin

<u>Admin ID</u>	First Name	Last Name	Address	Email	Phone	Work Phone	<u>User ID</u>
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Office

<u>Office Number</u>	Phone	Location
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User

<u>User ID</u>	Password	<u>Course ID **</u>	<u>File Storage ID</u>
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Course

<u>Course ID</u>	Name	<u>Work ID</u>	<u>Instructor ID</u>	<u>Marker ID **</u>	<u>Student ID **</u>
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Work

<u>Work ID</u>	Due Date	Grade
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File Storage

<u>File Storage ID</u>	Capacity	<u>File Name **</u>
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File

<u>File Name</u>	Size	Type
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Grade

<u>Student ID</u>	<u>Course ID</u>	Mark
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Relations

Student

Student ID -> User ID

Marker

Marker ID -> User ID

Instructor

Instructor ID -> User ID

Admin

Admin ID -> User ID

User

User ID -> File Storage ID

Course

Course ID -> Work ID

File Storage

File Storage ID-> File Name

Grade

Student ID & CourseID -> Mark