Kids Who Code

Users

ID primary key, not null

first_name not null

last_name not null

username not null, unique

email unique

group not null

role not null, default: student

belongs_to group
has_many curricula
has_many assignments, through curriculum

Curricula

ID primary key, not null

name not null, unique

has_many assignments
has_many users, through assignments

Many Users to Many Curricula
Through assignments

Many Users to Many Assignments
Through Grades

Assignments

ID primary key, not null

title not null, unique

curriculum_id

user_id

belongs_to curriculum
has_many grades
has_many users, through grades
has_many contents

1 Grade to Many Assignments

Many Assignment to Many Resources

One Assignment to Many Contents

Grades

ID primary key, not null

grade not null

user_id

assignment_id

belongs_to user
belongs_to assignment

Contents

ID primary key, not null

title not null, unique

description not null

source not null

belongs_to assignment

Resources

ID primary key, not null

name not null, unique

sources not null

assignment_id

has_many assignments

Text