Freight Train Final Project -- Peer Evaluation

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Introduction

- This is an information system that can help students and instructor to do the peer review
- Student can write down their comment to their peers, and they will see the comments from others
- Teacher can see all the information of students, and see the comments and scores.
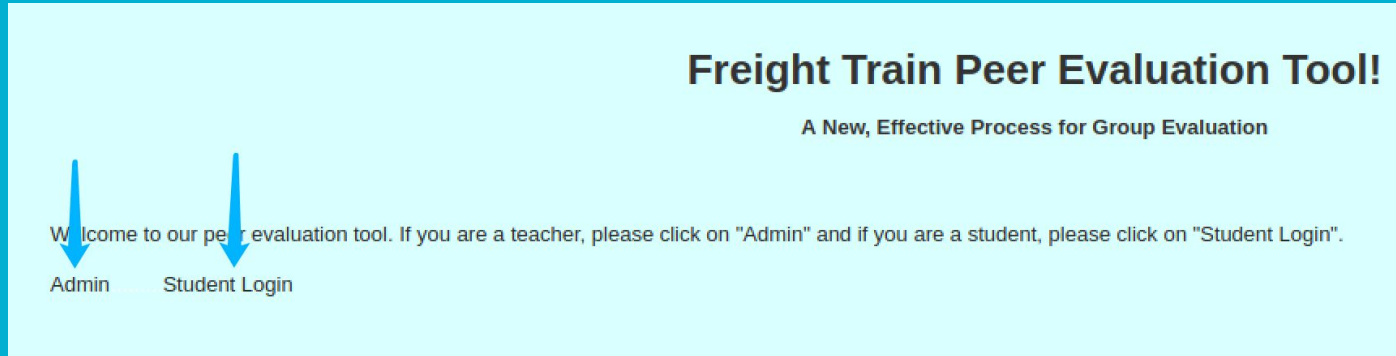
Before Using

Step1: run bundle install and rails db:migrate

Step2: run rails server

Step3: open localhost:3000/

Home Page

- There are two interface for users: Instructor and Student

Freight Train Peer Evaluation Tool!

A New, Effective Process for Group Evaluation

Welcome to our peer evaluation tool. If you are a teacher, please click on "Admin" and if you are a student, please click on "Student Login".

Admin   Student Login

Instructor's View

Group_A

David Guo.1233 Edit | Destroy

Evaluations for David:

Jason bateman.2 Edit | Destroy

Evaluations for Jason:

Group_B

Leo Wang.7 Edit | Destroy

Evaluations for Leo:

Students View

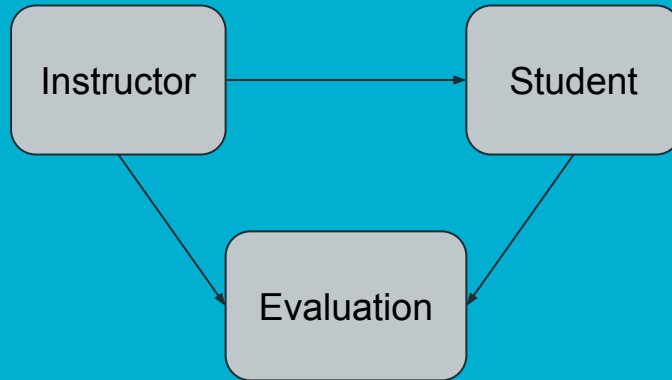- They can login by using thier OSU dot number like Guo.8

Enter your name.#

Name

Guo

Number

8   Log in

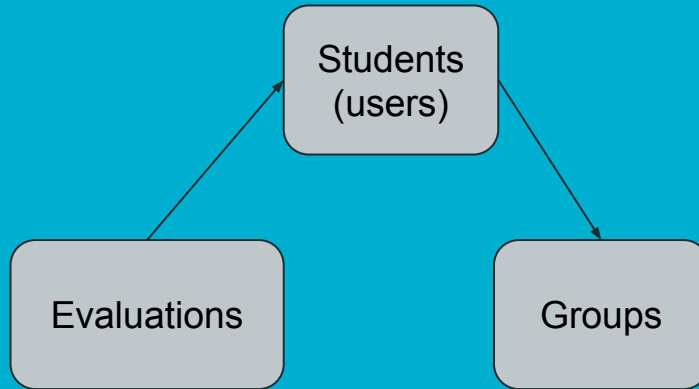Invalid student osu dot number David.8

Short Detail

- 3 main parts of this system

```
┌──────────────┐                    ┌──────────────┐
│  Instructor  │ ─────────────────▶ │   Student    │
└──────────────┘                    └──────────────┘
         │                                   │
         │          ┌──────────────┐         │
         └─────────▶│  Evaluation  │◀────────┘
                    └──────────────┘
```

Short Detail of DB

- 3 Database Sheets

Students View

- Student's basic info
- A list of all the team mates' info

First Name: David

Last Name: Guo

Dot Number: 8

Group Name: Group_A

For each project, click on "Evaluate" beside each of your teammates to evaluate their performan

First Name	Last Name	Dot Number	Group Name	
Jason	Bateman	2	Group_A	Evaluate
Eitan	Adkins	33	Group_A	Evaluate

Students View

- To write down the review, they can click Evaluate after the peer they want

First Name	Last Name	Dot Number	Group Name	
Jason	Bateman	2	Group_A	Evaluate
Eitan	Adkins	33	Group_A	Evaluate

Score

9

Comment

He is good at coding!

Create Evaluation

Back

Instructor view

- In this system, ther is only one admin
- Admin's home page will show all the infomation of the students

Group_A

David Guo.8 Edit | Destroy

Evaluations for David:

6 Good job!

Jason Bateman.2 Edit | Destroy

Evaluations for Jason:

9 He is good at coding!

Eitan Adkins.33 Edit | Destroy

Evaluations for Eitan:

7 Worth high grade
9 Well done!

Instructor view

- Instructor can create students and groups

Instructor view

- After creating the groups, instructor can see the table of all groups info
- They can do edit/destroy

Group_B

Leo Wang.7 Edit | Destroy

Evaluations for Leo:

Fname

Jason

Lname

Bateman

Dotnum

2

group

Group_A ⌄

Update Student

Show | Back

Conclusion

- Although it is simple, it represent the basic workflow of peer evaluation
- Rails is powerful, with many useful gramma
- Though it is easy to start a demo follow by guide, if we need more complicated demand, we need write pure ruby code instead of helper functions