

Created by erd gem

EngageMail domain model

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The attribute "administrator" is set to true only for users who have Admin access.

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Admin

- The Admin model is for Users who has administration access.
- The Admin Controller will check if administrator attribute is true.
- Administrators can see how many Users have not answered in the views.
- `User.all.count - Survey.where(allanswered: true).count`
- We just want to be sure that no `allanswered = false` or nil even though that is highly unlikely because `allanswered` must be true to even be saved.
- Admin can check average score of each answer.
- For example, to find the average score of question1, `Survey.sum("answer1") / Survey.count`
- Finally, to re-send the email to all the Users who did not complete the survey, you can retrieve the emails by doing something like:

```
allUsers = []
User.all.each do |user|
  allUsers << user.email
end
```

// allUsers will be an array of all emails of users

```
answeredUsers = []
Survey.all.each do |survey|
  answeredUsers << survey.user.email
end
```

// answeredUsers will be an array of all emails of users who answered the survey

```
unansweredUsers = allUsers - answeredUsers
```

// unansweredUsers will be an array of all emails of users who have yet to answer the survey.

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User

This is the User Model where through the custom email, they would click on a link and log in to answer the survey question. All the employers will already be in this model. The mail can be customised using ActionMailer.

administrator boolean
current_sign_in_at datetime
current_sign_in_ip string
email string * U
encrypted_password string *
last_sign_in_at datetime
last_sign_in_ip string
remember_created_at datetime
reset_password_sent_at datetime
reset_password_token string
sign_in_count integer *

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User has one Survey answer. One set of Survey answer belongs to a User.

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Survey

allanswered boolean
answer1 integer
answer2 integer
answer3 integer

- This is the Survey answers Model where each User will submit their answer. The boolean for attribute "allanswered" is by default set to false.
- Once they click submit, a new Survey answer will be created and they will be redirected to the main page thanking them for participating. The controller will change "allanswered" to true.
- This means that for any Survey answer created, "allanswered" must be true.
- Users with `allanswered = true` will not be able to answer the Survey again as Survey controller will redirect them to main page when they log in. This is to prevent them from submitting multiple answers.
- Validations will be in the Survey model where presence for all answers is true.