



EPPS 6354 FMP PARTICIPANT MANAGEMENT SYSTEM

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WHAT IS FMP?

The **Freshman Mentor Program** is a program offered by the **Office of Undergraduate Education** at the University at Texas at Dallas to connect incoming first-time-in-college students with upperclassmen who have volunteered to serve as mentors.

Mentors and mentees must go through a **multi-step application process**. Currently, FMP staff stores data for each step across different **Excel spreadsheets** in **Box**, our cloud system.



WHY THIS PROJECT?

Purpose



The purpose of creating this project will allow for Freshman Mentor Program staff to easily look up and manage participants.

Users will be able to filter participants by individual attributes, as well as easily identify mentor and mentee pairs without viewing excessive information.

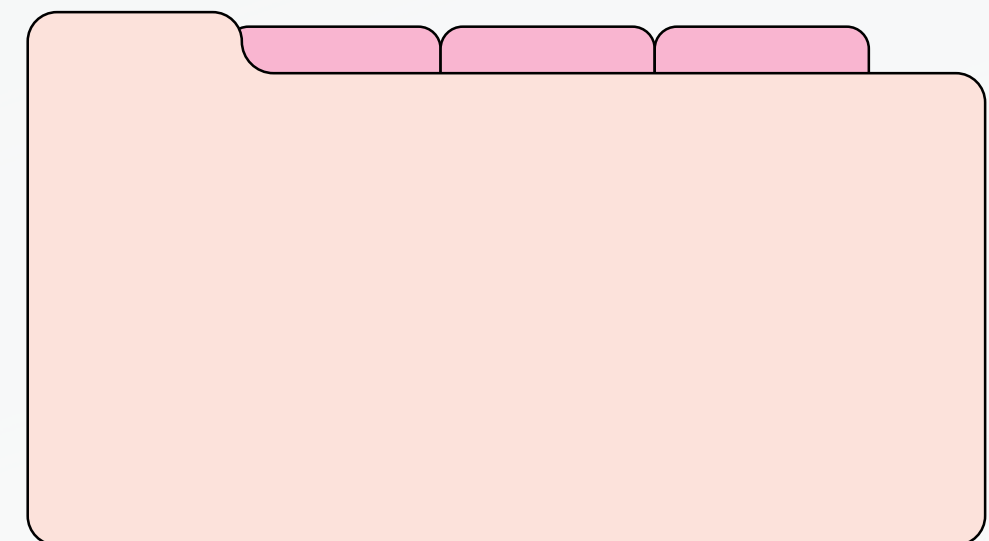
if time permits, a geography feature will allow users to see the distribution of participants, which can be used to inform the program's budding initiative in marketing to different high schools in the area.

Functions

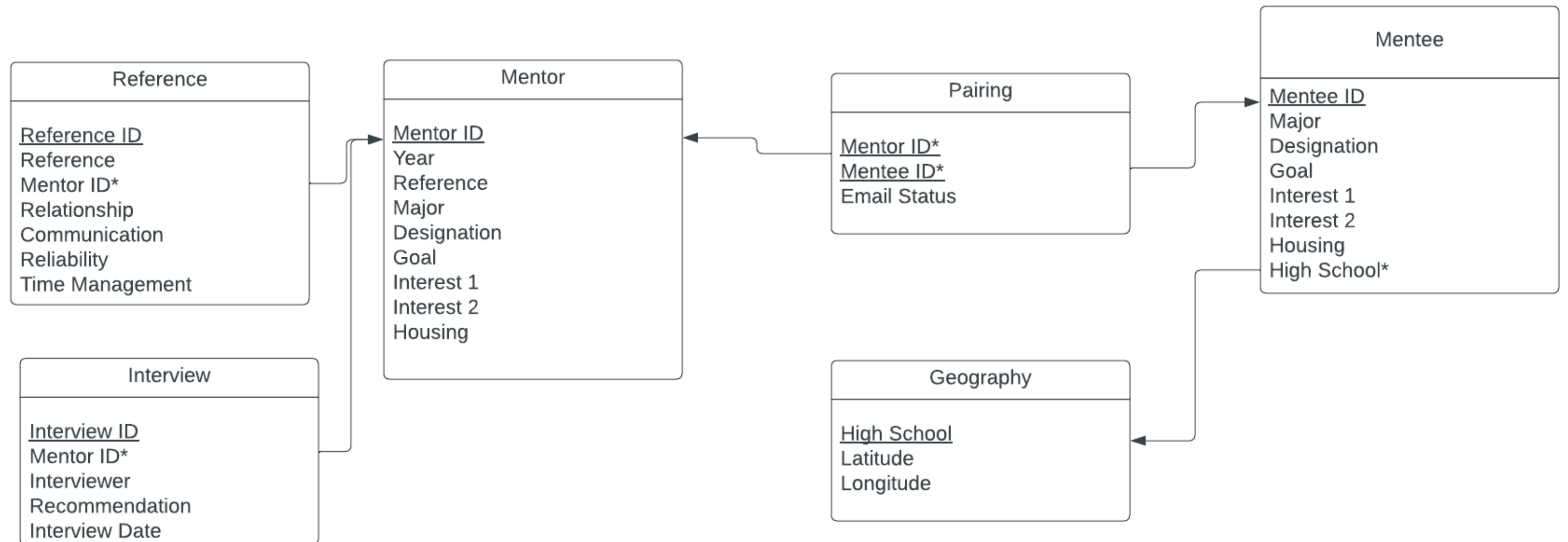


PRIVACY

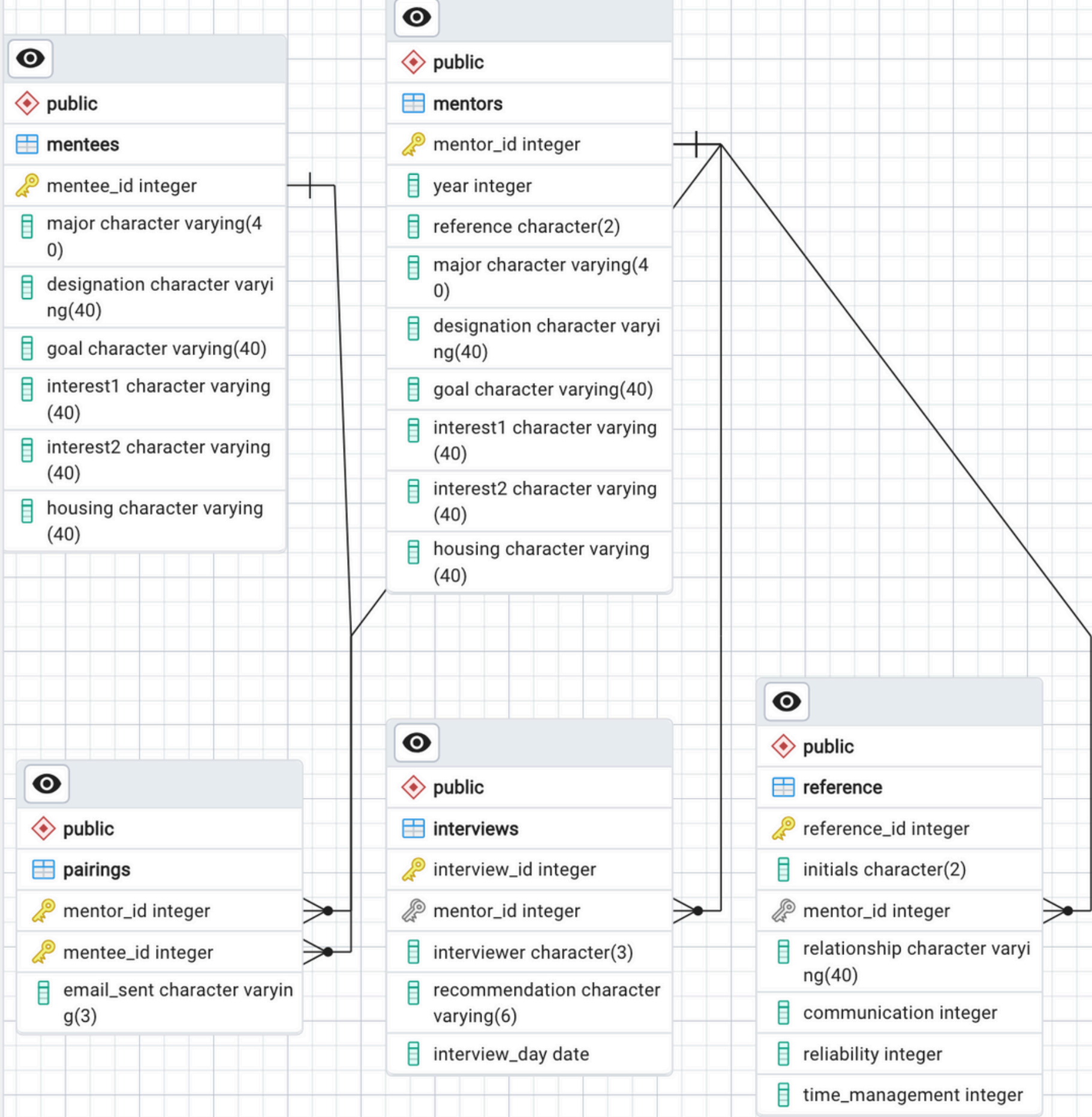
- **Mentor and mentee names** are changed to a **4-digit identifying number**.
- **References'** names are changed to a 2 initials (do not reflect the names of actual references)
- **Interviewers'** initials were changed to randomized initials (do not reflect actual references)
- Upon closer look at FERPA, I am not able to display the **names of previous schools**



OLD SCHEMA



EXISTING DIAGRAM



QUERIES

**"SELECT * FROM
mentors WHERE 1 = 1"**

used for dynamic filtering - indicates
TRUE

postgres_sql <- paste0(postgres_sql, " LIMIT ", nrow)

used to limit based on row slider

```
if (!show_all) {  
  if (!is.null(goal) && goal != "") {  
    postgres_sql <- paste0(postgres_sql, " AND goal = '", goal, "'")  
  }  
  if (!is.null(housing) && housing != "") {  
    postgres_sql <- paste0(postgres_sql, " AND housing = '", housing, "'")  
  }  
}
```

used to check if choice is blank

```
if (!is.null(major) && major != "") {  
  postgres_sql <- paste0(postgres_sql, " AND m.major ILIKE '%", major, "%'")  
}
```

used to check if mentor (m.major) matches text box in mentee

DEMO TIME!

<https://xsj1t2-jannellenavales.shinyapps.io/freshmanmentorprogram/>

If it's not working, I do have a video or static slides....

<https://youtu.be/mlyzQ3cGSml>

SCREENS - MENTOR/MENTEE

http://127.0.0.1:3539

Open in Browser

Republish

Freshman Mentor Program

Mentors

Reference

Interviews

Mentees

Pairings

Enter the number of rows to display:

1

5

29

1

4

7

10

13

16

19

22

25

28

29

Select goal:

academic

Select housing:

on_campus

☒ Show all rows

Show 25 entries

Search:

mentor_id	year	reference	major	designation	goal	interest1	interest2	housing
1137	3	NA	Human Resource Management	None	leadership	music	social_media	off_campus_walk
1175	3	NA	Child Learning Development	Other	academic	student_org	social_media	off_campus_far
3387	1	MC	Education	None	social	outdoor	student_org	off_campus_close
2721	2	NA	Healthcare Studies	Pre-Optometry	academic	student_org	sports	off_campus_close
1585	3	NA	Biology	Pre-Medical	leadership	music	reading	off_campus_close

mentor_id

year

reference

major

designation

goal

interest1

interest2

housing

Showing 1 to 5 of 5 entries

Previous

1

Next

SCREENS - INTERVIEW

http://127.0.0.1:3539

Open in Browser

Republish

Freshman Mentor Program

Mentors

Reference

Interviews

Mentees

Pairings

Enter the number of rows to display:

1

5

29

1

4

7

10

13

16

19

22

25

28

29

Show 25 entries

Search:

interview_id	mentor_id	interviewer	recommendation	interview_day
38	3387	MGM	Yes	2022-04-19
41	3701	DUT	Yes	2022-04-20
30	3803	MGM	Yes	2022-04-11
129	3892	MGM	Yes	2022-06-16
127	3531	JSS	Yes	2022-06-15

interview_id

mentor_id

interviewer

recommendation

interview_day

Showing 1 to 5 of 5 entries

Previous

1

Next

SCREENS - PAIRING

http://127.0.0.1:3539

Open in Browser

Republish

Freshman Mentor Program

Mentors

Reference

Interviews

Mentees

Pairings

Enter the number of rows to display:

1

5

29

Enter major:

Show

25

entries

Search:

mentor_id	mentee_id	email_sent
1137	4122	Yes
1175	4359	Yes
3387	4262	Yes
2721	4725	Yes
1585	4098	Yes

mentor_id

mentee_id

email_sent

Showing 1 to 5 of 5 entries

Previous

1

Next

THANKS FOR VIEWING!

Questions? Please leave suggestions!

