

Bee in Love A dating experience.



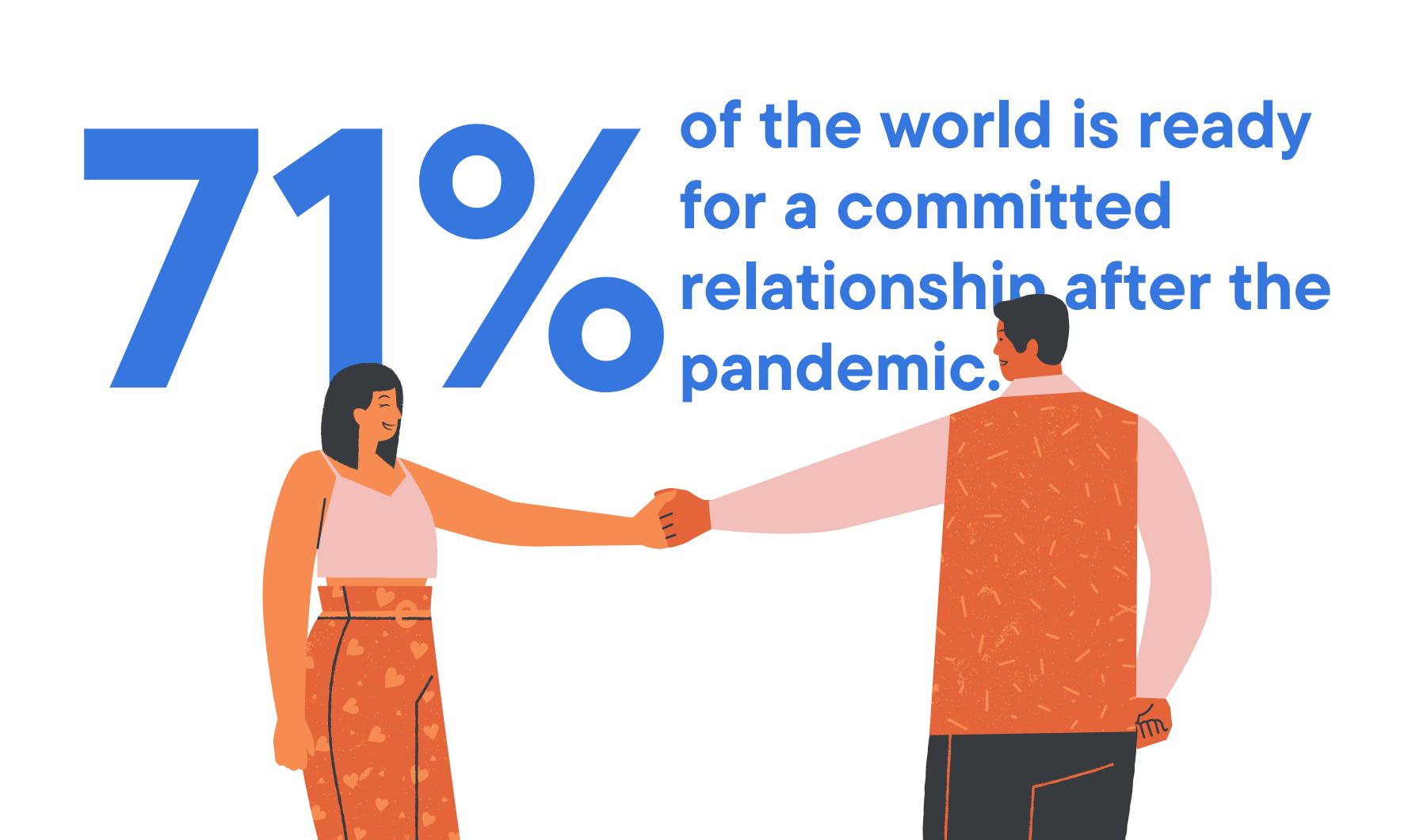


Luthfi Izza Pratama
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CDO

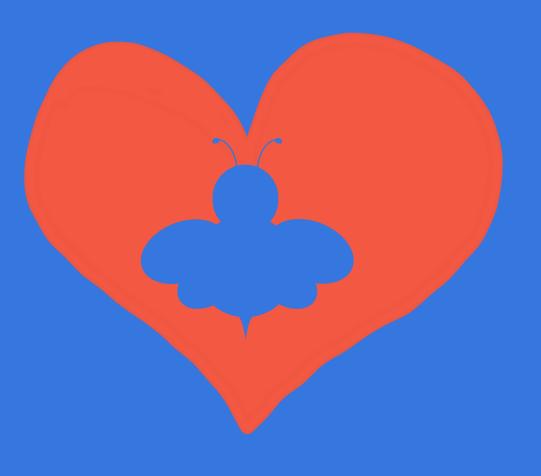


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We offer...



Bee in Love

What we bring on the table

To be a secure bridge for 18 year old (or older) to meet and mingle with each other. Using their data to calculate their compatibility.



- Takes in data from the user, stores it into our database
- Uses and algorithm that checks for the RIGHT "friend" for you
- Easy to use
- Secure and Safe

Input Data

View Candidates

Match

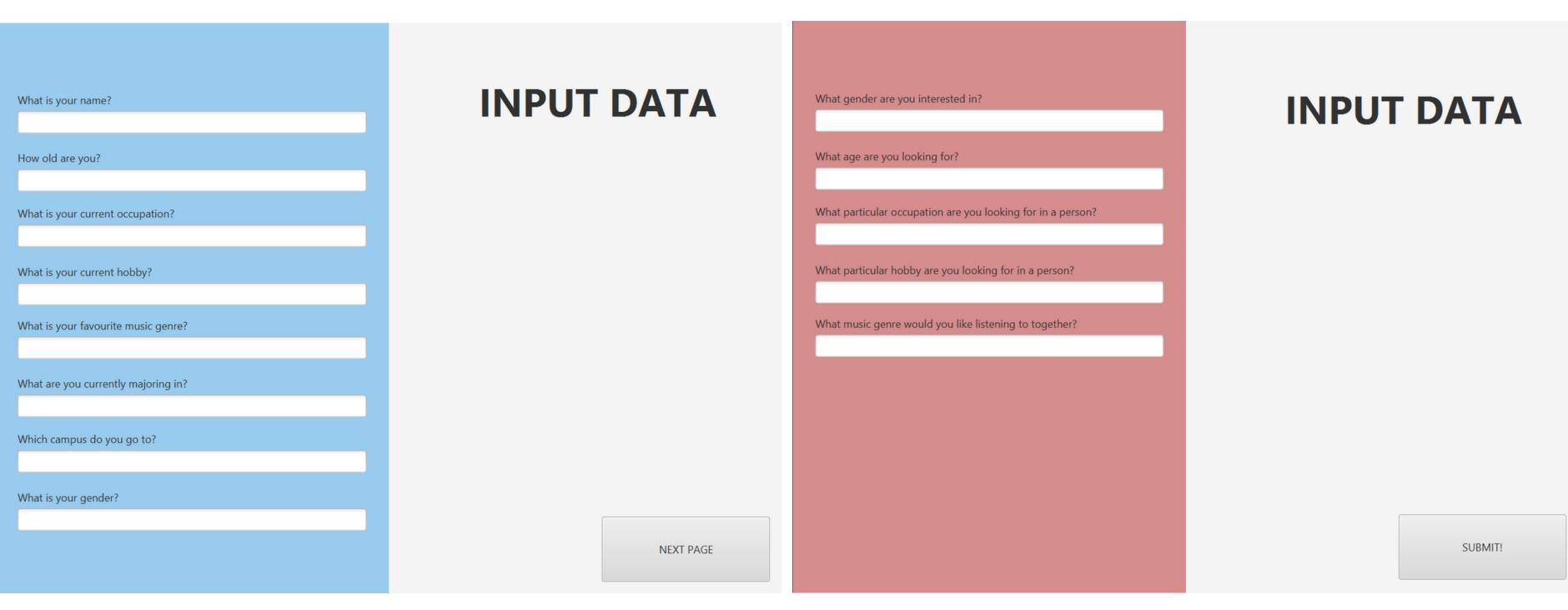
Delete Data

Exit



The menu consists of buttons that help our users navigate through the program.

To start things off, we prompt our user to fill out a questionnaire to describe themselves, which we will use to compare and calculate their compatibility scores with other users.



USER DATABASE

					la a la laca	4
name	age	major	campus	occupation	hobby	favourite music
Adeline	19	CS	MIT	Programmer	Watching	RnB
Luthfi	19	cs	BINUS	Actuary	Booding	lozz
Lutini	18	CS	DINUS	Actuary	Reading	Jazz
James	20	Law	Harvard	Lawyer	Singing	Classic
Lily	21	Premed	Penn	Doctor	Swimming	Pop
Vanda	00	Laur	Outoud	Madal	Continue	Doolo
Kevin	20	Law	Oxford	Model	Swimming	Rock
Samuel	19	Accounting	Yale	Accountant	Reading	EDM
		ŭ				
Chris	21	Premed	Stanford	Doctor	Singing	Classic
			1.11			
Angel	22	Cyber	UI	Singer	Watching	Pop
Tasya	19	Management	NYU	Analyst	Watching	Jazz
,.						
Kyle	22	Accounting	Harvard	Accountant	Reading	RnB

YOUR MATCH

name	age	major	campus	occupation	hobby	favourite music
Kevin	20	Premed	Harvard	Doctor	Swimming	RnB
Samuel	21	cs	MIT	Programmer	Watching	RnB
Chris	22	cs	BINUS	Actuary	Reading	Jazz
Matthew	20	Law	Harvard	Lawyer	Singing	Classic
Alex	19	Premed	Penn	Doctor	Swimming	Pop
Mark	20	Law	Oxford	Model	Swimming	Rock
Reyn	19	Accounting	Yale	Accountant	Reading	EDM
Jose	22	Premed	Stanford	Doctor	Singing	Classic
Davin	23	Cyber	UI	Singer	Watching	Pop
Bruce Lee	20	Management	NYU	Analyst	Watching	Jazz

```
public static double calculateCompatibilityScore(User user, User otherUser) {
   double compatibilityScore = 0;
   if (user.getName().equals(otherUser.getName())) {
        compatibilityScore++;
   if (user.getAge() == otherUser.getAge()) {
        compatibilityScore++;
      (user.getOcc().equals(otherUser.getOcc())) {
        compatibilityScore++;
      (user.getHobby().equals(otherUser.getHobby())) [{
       compatibilityScore++;
      (user.getMusic().equals(otherUser.getMusic())) {
        compatibilityScore++;
   if (user.getCampus().equals(otherUser.getCampus())) {
       compatibilityScore++;
      (user.getMajor().equals(otherUser.getMajor())) {
        compatibilityScore++;
   if (user instanceof maleUser && otherUser.getGendint().equals("female")) {
        compatibilityScore++;
    } else if (user instanceof femaleUser && otherUser.getGendint().equals("male")) {
        compatibilityScore++;
    if (user.getLookingForMusic().contains(otherUser.getMusic())) {
        compatibilityScore++;
   if (otherUser.getLookingForHobby().contains(user.getHobby())) {
       compatibilityScore++;
      (otherUser.getLookingForOcc().contains(user.getOcc())) {
        compatibilityScore++;
    return compatibilityScore;
```

THE MAIN ALGORITHM

It scans through the data, checking their compatibility score together

```
for (User otherUser : dataList) {
    double compatibilityScore = Util.calculateCompatibilityScore(dataList.get(index), otherUser);

if (compatibilityScore > bestCompatibilityScore) {
    bestCompatibilityScore = compatibilityScore;
    bestMatches.clear();
}

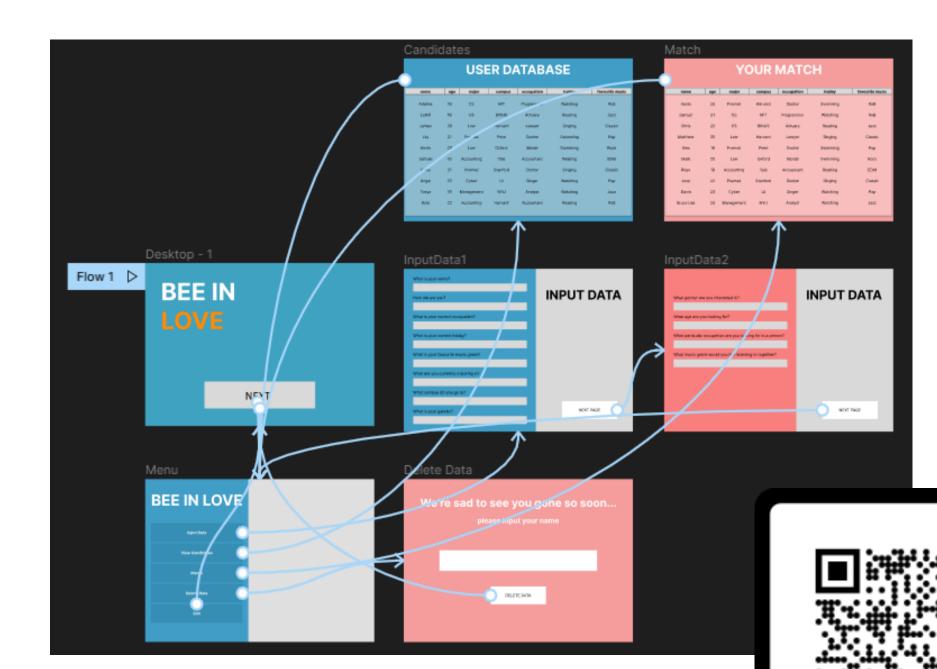
if (compatibilityScore == bestCompatibilityScore) {
    bestMatches.add(otherUser);
}
```

Meanwhile this loops through the list of user, looking for the one with the highest compatibility score from the person

We're sad to see you gone so soon... please input your name Delete data

In order to delete the user's data from our database, we prompt the user for their name, and use a loop to scan through the vector to properly wipe them off of our list.

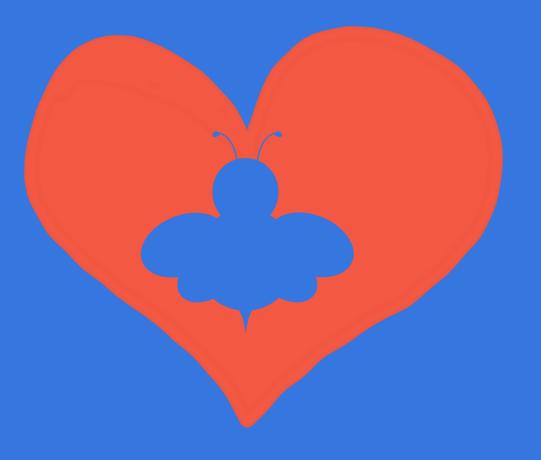
III Prototype



https://www.figma.com/proto/5d84C4H4BbT7DNT7jMpJMo/FINAL-OOP?node-id=1%3A2&scaling=scaledown&page-id=0%3A1&starting-point-node-id=1%3A2



Thank you for your time!



Bee in Love