

# TinderApp

Simplified Solution for Connecting Users



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# Tinder App

Information already  
explained

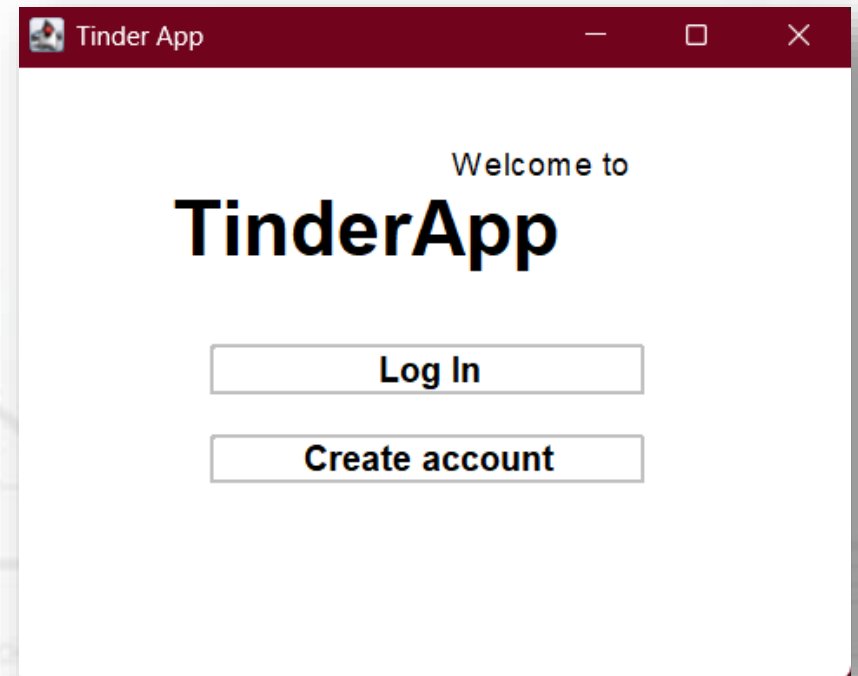
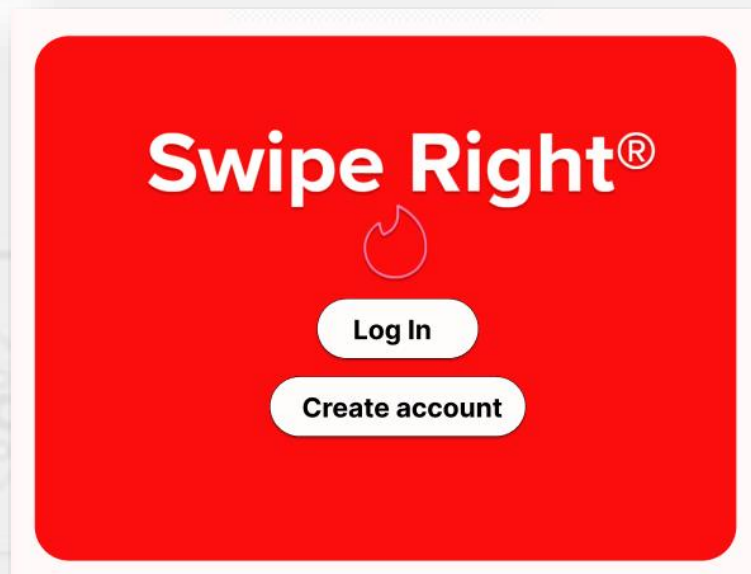
<u>USER STORY</u>		
<b>Title:</b> Using interaction with profiles.	<b>Priority:</b> High	<b>Estimate:</b>
<b>User Story:</b> As a user of the app, I want to interact with other users' profiles using options such as match, dismiss or like. so that I connect and interact with people I'm interested in and improve my experience on the platform.		
<b>Acceptance Criteria:</b> <i>Given</i> an app user has completed creating their profile and has watched or skipped the tutorial, <i>When</i> you start interacting with the profiles shown, <i>Then</i> swipe or tap buttons to like or dismiss, and if a match is made, receive a notification of success.		

<u>USER STORY</u>		
<b>Title:</b> Registered user	<b>Priority:</b> High	<b>Estimate:</b> 1 week
<b>User Story:</b> As a registered user, I want to log in using my email and password, so that I can access my account.		
<b>Acceptance Criteria:</b> <i>Given</i> that the user exists and the email and password match, <i>When</i> the user enters their email and password and presses the login button, <i>Then</i> the system grants access to their account and redirects them to the home screen.		



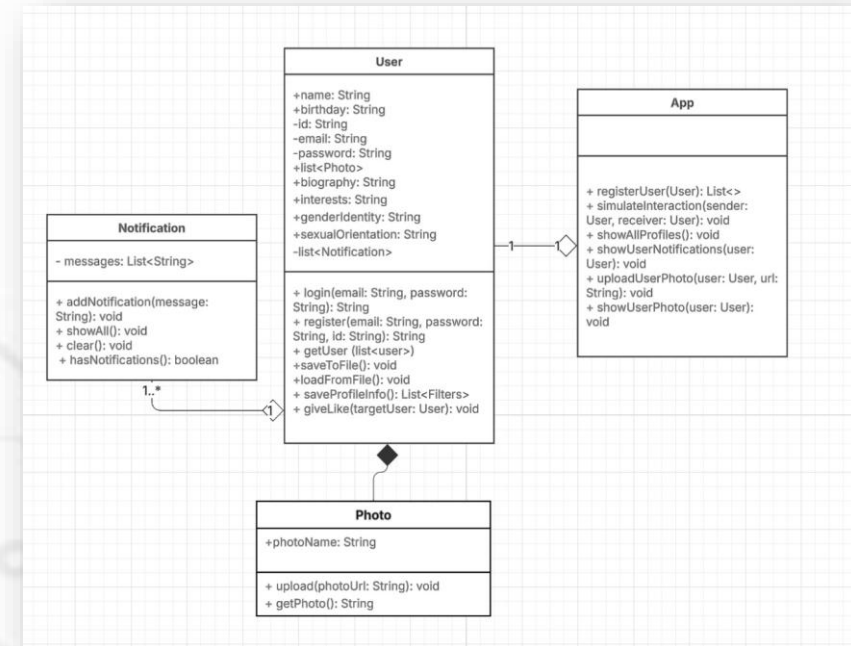
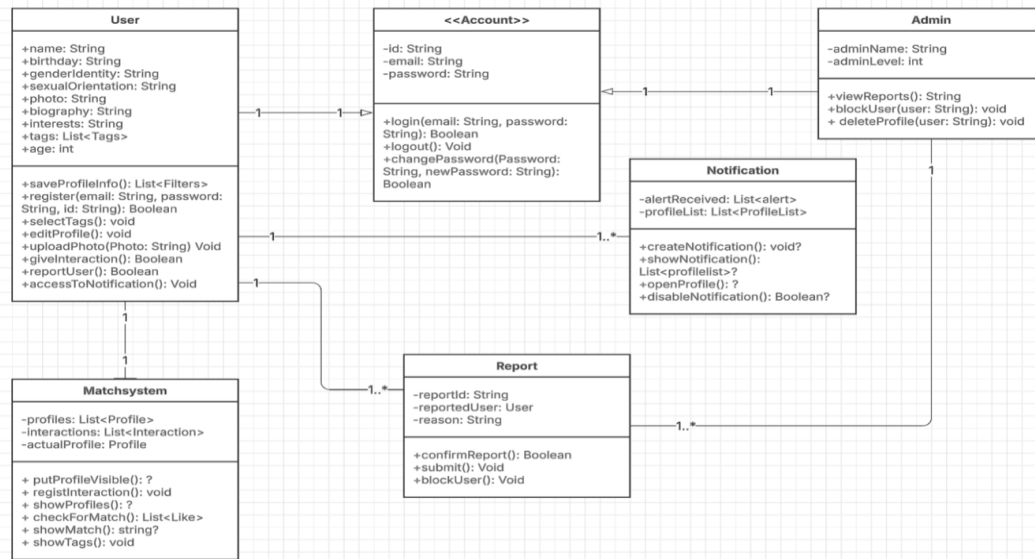
# TinderApp

Information already  
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# Tinder App

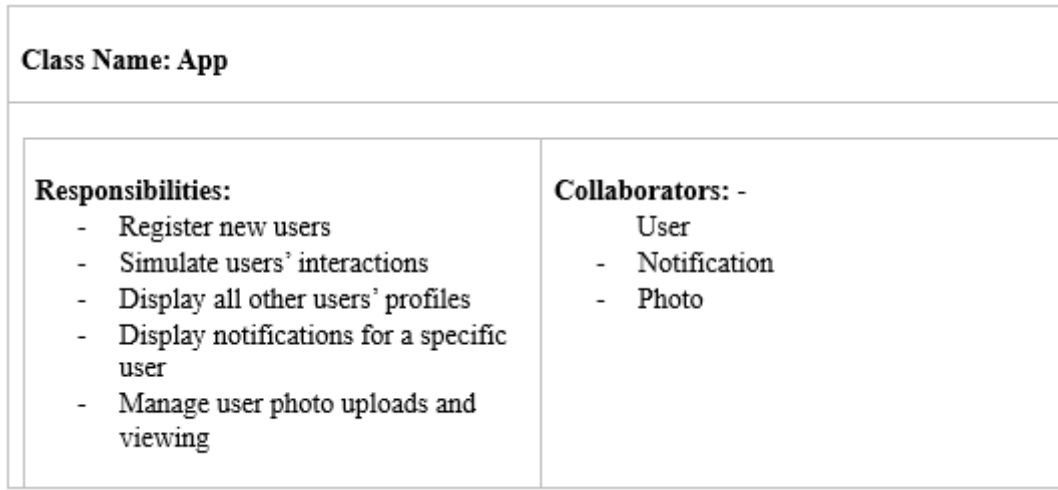
Information already  
explained



# Tinder App

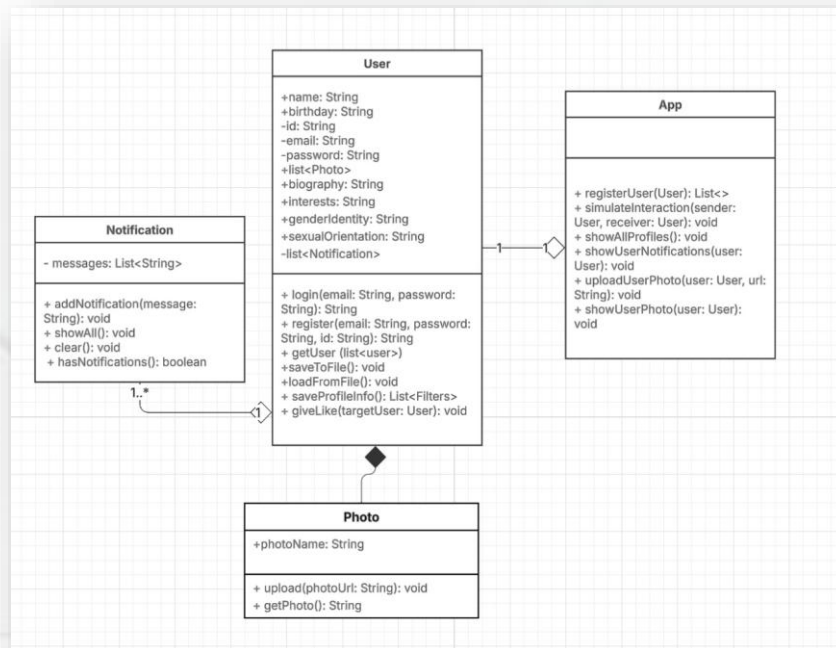


Information already  
explained



# Tinder App

Implementation of  
simple architecture



- **App:** Main coordinator (GUI and navigation)
- **User:** Data and profile management
- **Notification:** Notification management
- **Photo:** Image management





# Tinder App

Implementing

SOLID

Implementation Plan for OOP Concepts				
	User	App	Notification	Photo
Encapsulation	□	□	□	□
Inheritance	×	×	×	×
Polymorphism	×	×	×	×
Abstraction	□	□	□	□



# Tinder App

Implementing

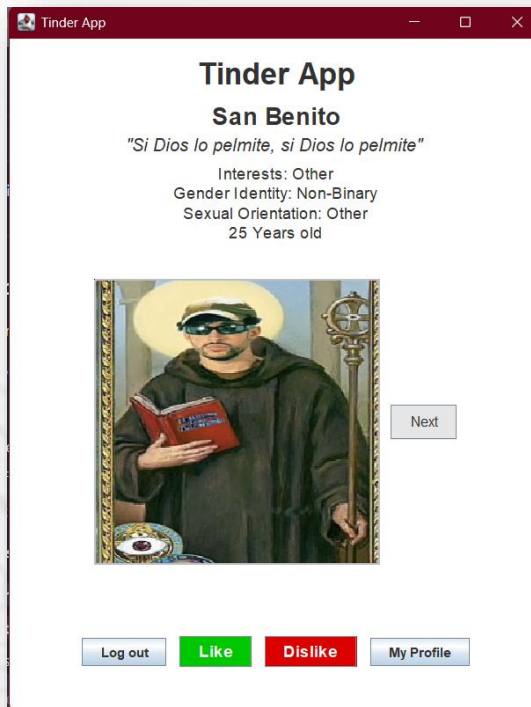
SWING

## Implemented features:

- Registration (basic information, preferences, photo)
- Like/dislike system with animations
- Customizable profiles

## Techniques used:

- JFrame, JPanel, BoxLayout for structure
- ActionListener for event handling





# TinderApp

Implementing

SWING

## Tests performed:

- Complete registration flow
- Likes and matches system
- Data persistence in users.txt
- Notifications in likes.txt

... Create Account

Name:

Email:

Verify Email:

Password:

Verify Password:

Birthday (YYYY-MM-DD):

Done!



# TinderApp

Implementing

SWING

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Two overlapping screenshots of the 'Create Account' window in the TinderApp. The top window shows the title bar 'Create Account - TinderApp' and the title 'Create Account'. The bottom window shows the same title bar but with a form containing dropdown menus for 'Gender Identity' (set to 'Cisgender men'), 'Sexual Orientation' (set to 'Heterosexual'), and 'Interests' (set to 'Cisgender Men'), a text field for 'Biography', and a 'Done!' button.



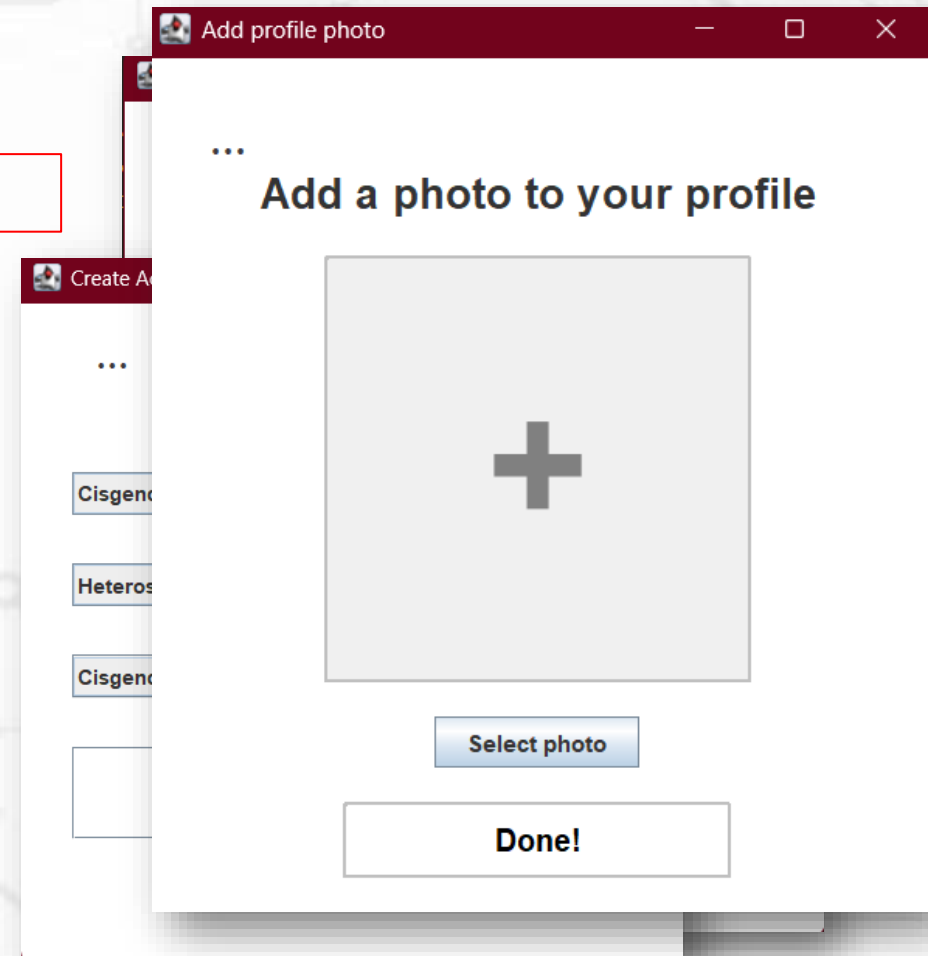
# TinderApp

Implementing

SWING

## Tests performed:

- Complete registration flow
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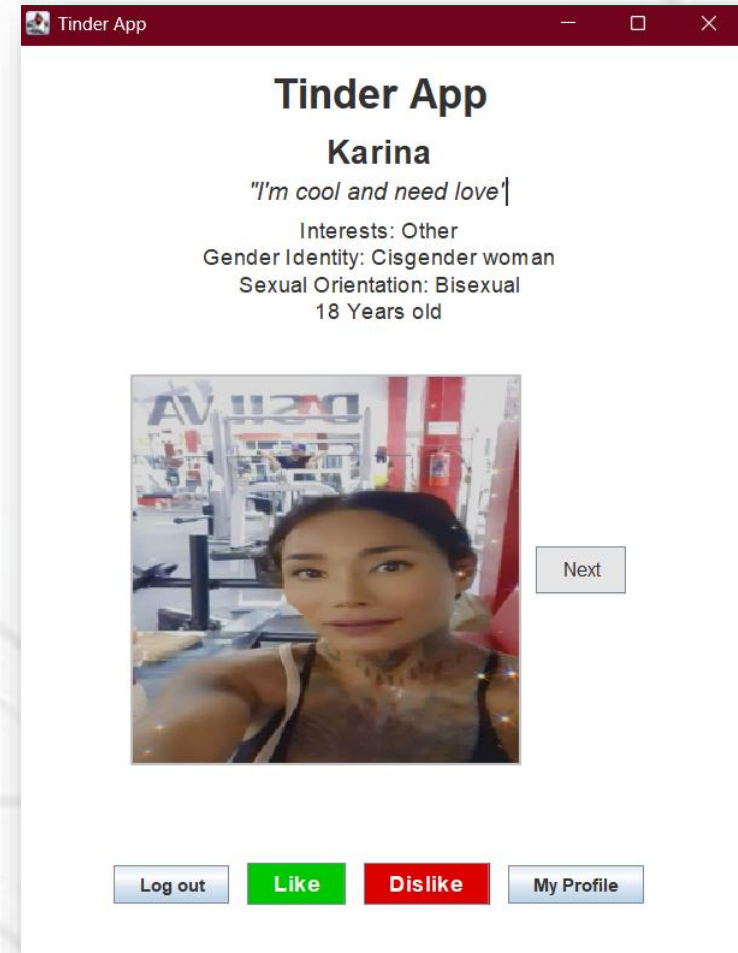
# Tinder App

Implementing

SWING

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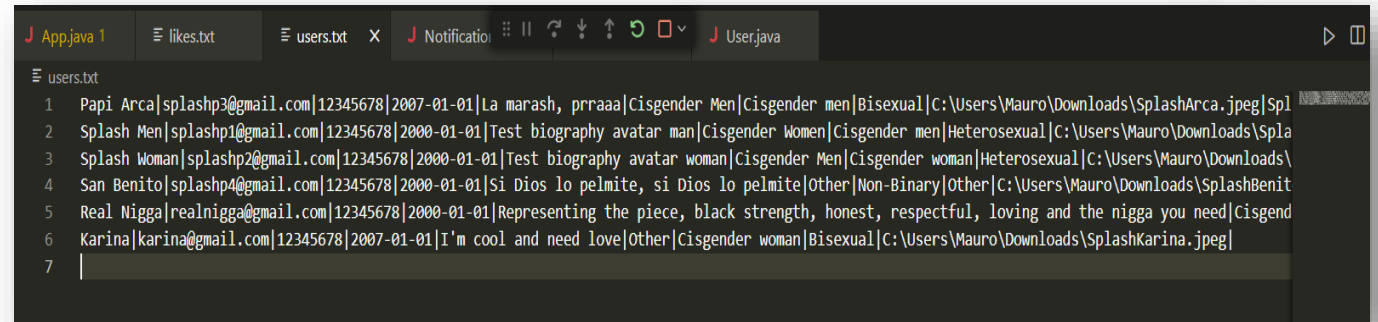
# Tinder App

Implementing

SWING

## Tests performed:

- Complete registration flow
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- Data persistence in users.txt
- Notifications in likes.txt



```
J App.java 1  likes.txt  users.txt X J Notification  J User.java
users.txt
1 Papi Arca|splashp3@gmail.com|12345678|2007-01-01|La marash, praaa|Cisgender Men|Cisgender men|Bisexual|C:\Users\Mauro\Downloads\SplashArca.jpeg|Spl
2 Splash Men|splashp1@gmail.com|12345678|2000-01-01|Test biography avatar man|Cisgender Women|Cisgender men|Heterosexual|C:\Users\Mauro\Downloads\Spla
3 Splash Woman|splashp2@gmail.com|12345678|2000-01-01|Test biography avatar woman|Cisgender Men|Cisgender woman|Heterosexual|C:\Users\Mauro\Downloads\
4 San Benito|splashp4@gmail.com|12345678|2000-01-01|Si Dios lo pelmite, si Dios lo pelmite|Other|Non-Binary|Other|C:\Users\Mauro\Downloads\SplashBenit
5 Real Nigga|realnigga@gmail.com|12345678|2000-01-01|Representing the piece, black strength, honest, respectful, loving and the nigga you need|Cisgend
6 Karina|karina@gmail.com|12345678|2007-01-01|I'm cool and need love|Other|Cisgender woman|Bisexual|C:\Users\Mauro\Downloads\SplashKarina.jpeg|
7
```



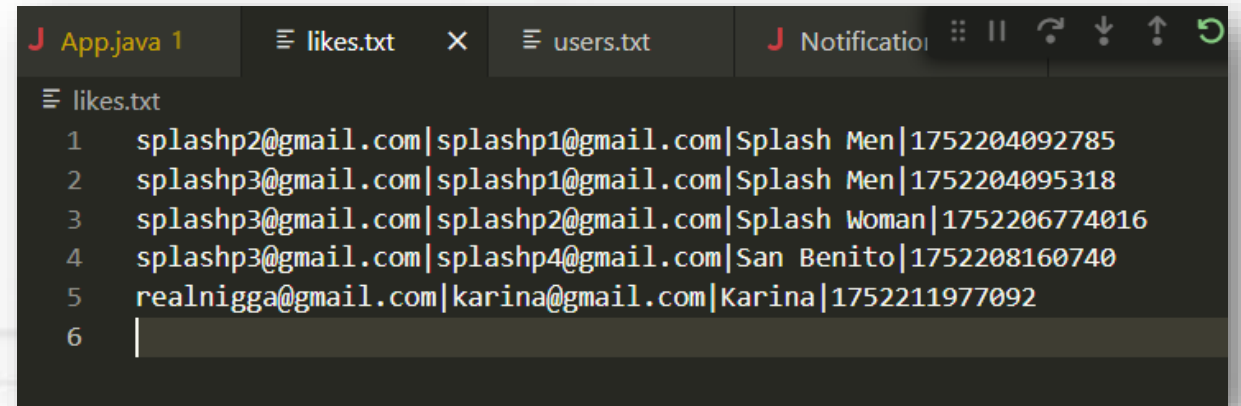
# TinderApp

Implementing

SWING

## Tests performed:

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```
J App.java 1 likes.txt X users.txt Notification
likes.txt
1 splashp2@gmail.com|splashp1@gmail.com|Splash Men|1752204092785
2 splashp3@gmail.com|splashp1@gmail.com|Splash Men|1752204095318
3 splashp3@gmail.com|splashp2@gmail.com|Splash Woman|1752206774016
4 splashp3@gmail.com|splashp4@gmail.com|San Benito|1752208160740
5 realnigga@gmail.com|karina@gmail.com|Karina|1752211977092
6 |
```





# TinderApp

## Conclusions

We demonstrate that a well-planned architecture with OOP and SOLID can transform a prototype into a scalable system.



# MiniTinder

## References

- Mockup Images: <https://www.figma.com/design/Fjw8QTU486SoliSIwdrVPO/Mockup-WorkShop?node-id=34-2&t=8D6zloU96URJEWxH-1>
- User Stories: [Workshop.docx](#)
- Information: <https://www.pewresearch.org>
- UML Diagram Image: [https://lucid.app/lucidchart/03ad0193-ff99-4b08-9336-efa20bfca03c/edit?page=HWEp-vi-RSFO&invitationId=inv\\_c13517f7-c943-4c69-a93a-945adf5c3ba6](https://lucid.app/lucidchart/03ad0193-ff99-4b08-9336-efa20bfca03c/edit?page=HWEp-vi-RSFO&invitationId=inv_c13517f7-c943-4c69-a93a-945adf5c3ba6)

