

# PROTOTYPING F.R.I.E.N.D.S

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# BRAINSTORMING

Example idea & Top 3 idea

# EXAMPLE IDEA

- Create game rooms so duke students could join together
- friends points: some kinds of points are rewarded as people keep in touch with the same person for over and over again
- openness parameter: a person can set his openness values to find a person with a similar personality
- students perform bad behavior will receive marks on their profile so other people will know

# TOP 3 IDEA

1. Students **set up their profiles** by customizing their interests and personality so that students can **find other students** with the same interests or preferred personalities. The solution can **suggest topics and friends** for students based on their profiles.
2. Students that keep up with their friends can earn different **badges(reward)**: the number of friends created, duration of friendships, topics of interests, etc. They may also earn badges for **positive and negative behavior** to allow other users to see their personalities.
3. Students can create **groups** based on different **categories** that duke student **interested** in. Users can **generate their own group** for other users to join.



# STORYBOARD & TASKS

Overall & 3 tasks



I'm not a person good that social interaction. I really want to make some friends from my university but I feel awkward to talk to strangers. Sometimes when other people introduce themselves to me I don't know what more to talk about. What should I do?



I think I know what you need, I'm just like you. I recently discover this app, it will suggest people with similar interests and group chat I'm interested in to me. It will also suggest things I can talk about with them. I've made some friends already!



## F.R.I.E.N.D.S

Username: \_\_\_\_\_

Password: \_\_\_\_\_

Log in | Sign up

Hmmm, let me check it out, I'll sign up an account for it.

Nice to meet you :)  
Before we start,  
first tell us about yourself

Are you an introvert or an extrovert?  
☒ introvert ☐ extrovert

What is your major?  
☒ ECE  
☐ CS  
☐ BME  
☐ ...

What are you interested in?  
☐ music  
☒ movie

☒ thriller ☐ romantic  
☐ action ☒ comedy ☐ ...  
☐ ...

Wow, very intuitive, after the I sign up, it guide me to customize my profile.

You might want to meet John Doe, he has over 90% similarity with you

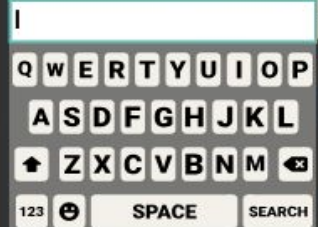
You might want to meet John Smith, he has over 80% similarity with you

You might want to meet Jane Nokes, she has over 80% similarity with you

I guess I'll chat with this person, such high similarity, we must have a lot to talk about!

John Doe

thriller movies climbing



wow, it suggest topics to me, and it is what I'm interested in.

I tried out that app you mentioned and I made a friend, John, he is interested in thriller movies and climbing like I do. We even gonna meet up to watch "Doctor sleep" when it comes out.

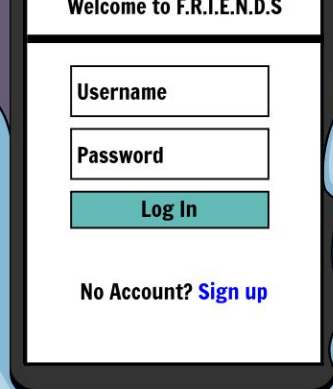


I'm glad it helped, it has more amazing functions, you should check it out sometimes



# TASK 1: CUSTOMIZE PROFILE

User Lands on Log in / Sign up page and sign up



Welcome to F.R.I.E.N.D.S

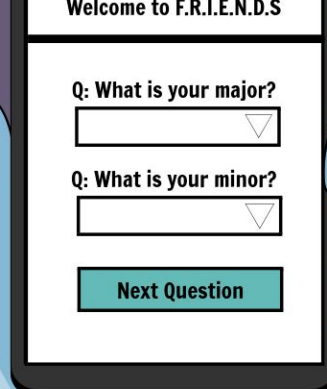
Username

Password

Log In

No Account? [Sign up](#)

User Answers a Varieties of Questions



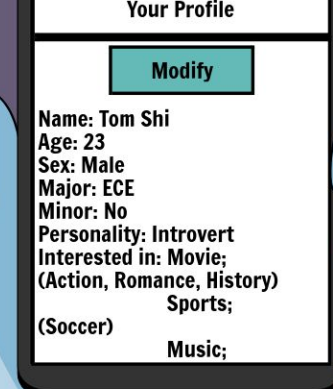
Welcome to F.R.I.E.N.D.S

Q: What is your major?

Q: What is your minor?

Next Question

User Can Modify Them From Profile Page



Your Profile

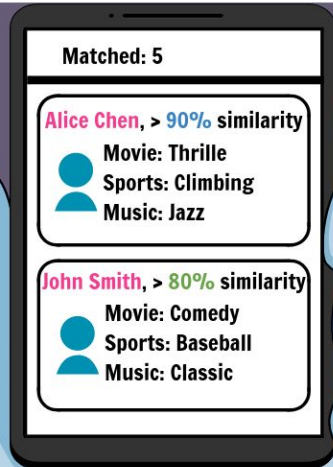
Modify

Name: Tom Shi  
Age: 23  
Sex: Male  
Major: ECE  
Minor: No  
Personality: Introvert  
Interested in: Movie;  
(Action, Romance, History)  
Sports;  
(Soccer) Music;

Create your own at Storyboard That

# TASK 2: FIND POTENTIAL FRIEND AND CHAT

User Lands on Home page and See the List of Potential Friends



User Taps the Cell to Enter Detailed Info Page



User Sends the Friend Request to the Person



Create your own at Storyboard That

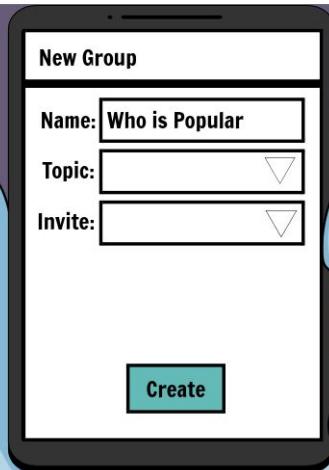


# TASK 3: JOIN / CREATE GROUP AND CHAT

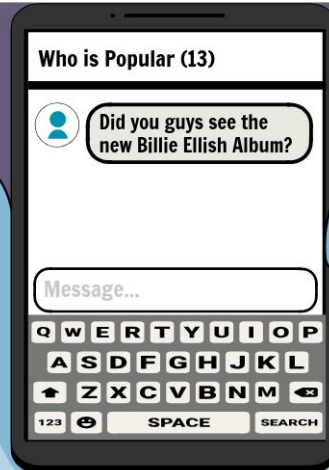
User Lands on Group page and See the List of Groups



User Clicks Button to Create a New Group



User Chats with Others within the Group



Create your own at [Storyboard That](#)



# PROTOTYPE

- current version prototype
- improvement from the previous versions
  - applied design principles



## PROTOTYPE

- ✕ Customize profile when sign up
- ✕ Checkout suggested friends and chat with them
- ✕ Join interested groups or create a group

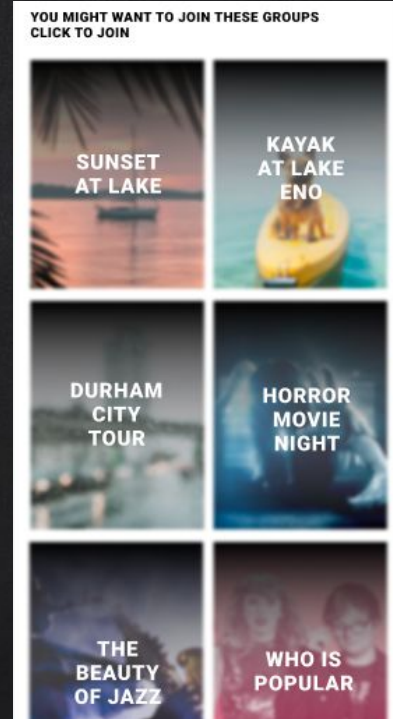




# IMPROVEMENT

Mobile app login screen for 'FRIENDS'. The header is light blue with the word 'FRIENDS' in a stylized font. Below the header, there are two input fields: 'Username / Email' and 'Password'. A link 'Forgot Password?' is located below the password field. A blue 'Log In' button is positioned below the input fields. Below the button, there is a horizontal line with 'OR' in the center. At the bottom, there is a link 'Don't have an account? Sign Up'.

Mobile app login screen for 'FRIENDS'. The header is white with the word 'FRIENDS' in a stylized font. Below the header, there are two input fields: 'email' and 'password'. A black 'LOG IN' button is positioned below the input fields. Below the button, there is a horizontal line with 'OR' in the center. At the bottom, there is a link 'Don't have an account? SIGN UP'.



- Figure ground
- Focal point



# IMPROVEMENT

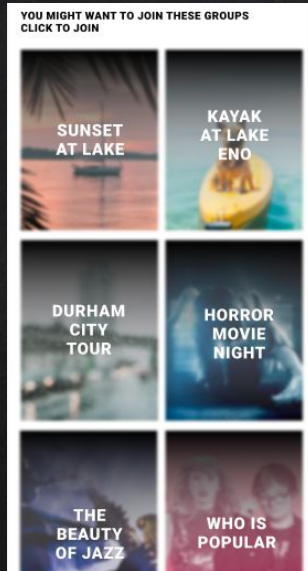
Nice to Meet You :)  
Before we start,  
first tell us about yourself.

What are you interested in?

☐ Music ☒ Movie ☐ Sports

☐ Action ☐ Romance ☒ Comedy  
☒ Sci-fi ☐ Drama ☒ Thriller  
☐ Horror ☐ History ☐ Other

HIDE



Specific Interests

What is your top 3 favorite type of music?

BLUES COUNTRY

CLASSICAL DANCE

ELECTRONIC GOSPEL

HEAVY METAL HIP HOP

JAZZ POP

R&B ROCK

Search

Search all groups

MUSIC

MOVIES & TV

FITNESS & SPORTS

- Symmetry
- Alignment





# IMPROVEMENT

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Nice to Meet You :)  
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☐ Action ☐ Romance ☒ Comedy  
☒ Scifi ☐ Drama ☒ Thriller  
☐ Horror ☐ History ☐ Other

HIDE

9:27

1 2 3

Specific Interests

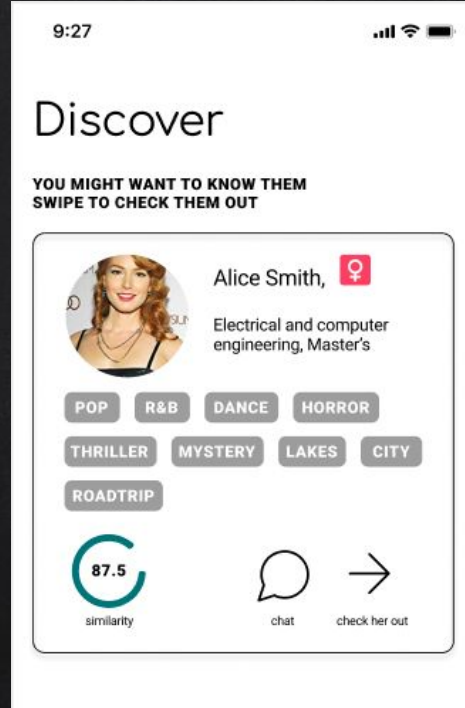
What is your top 3 favorite type of music?

BLUES COUNTRY  
CLASSICAL DANCE  
ELECTRONIC GOSPEL  
HEAVY METAL HIP HOP  
JAZZ POP  
R&B ROCK

- Visability:  
target size up
- Constraints  
limit range  
grayed out
- Continuity



# IMPROVEMENT



- Visability: redundancy
- Proximity
- Common region
- Constraints
- Closure & Connectedness
- Feedback



# CONCLUSION

Top 3 lessons learnt



# Way of effective brainstorming



# How to make a prototype



## Apply feedback from users



THANKS!

Any questions?