

Design Of Music-Dating App “Mate”

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CCT204H5S

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Link to our project:

<https://www.figma.com/file/YuUZotf1yUbTqbdsh3eNgI/Mate?type=design&node-id=0%3A1&mode=design&t=d66YNInjFjvV9DY7-1>

The way you used each of the five design thinking steps:

When we designed this app, we did two iterations, and in each iteration, we had to go over five design thinking steps: Empathize, Define, Ideate, Prototype, and Test. Before starting the design, we needed to understand the needs of users and analyze the possible problems of users, so we made a questionnaire and asked friends around us who use music apps to fill in the survey to understand our potential users. Then, in an ideate step, we started to brainstorm what our app should look like by hand, such as how to integrate the music app and dating app and make a reasonable user interface to highlight our dating function. We thought of "listen together mode" and the ability to pair users with the same taste. The next step is to make the prototype. We used Figma to make a simulated user interface. In the first version, we designed the product logo, app

homepage, user profile, and listening page. After production, we recorded a video for testing.

Although the original did not have interactive features, the primary purpose of our testing was to find out where we needed to improve to iterate again and make an Alpha version of our product. So, we started a new round of iteration. Through hands-on experience with the app, we improved most of its functions, including users' ability to interact and receive feedback by clicking. The app's essential functions have been improved, and a video of testing the app has also been recorded to find bugs. Next, we started to make the app's beta version so that users would have a good experience. We beautified the interface, inserted images, updated the animations for the switching page, and finally recorded a Beta version of the usage video so that users could understand the functionality of our app.

What did you learn from your first and subsequent iterations?

We went through the double-diamond process. During the first phase of the design process, we explore the problem by sending a survey to discover users' needs and understand them from users' perspectives, which is the main takeaway from this phase. Transitioning from the Discover to the Define phase teaches the importance of critical thinking in identifying the actual problem to solve rather than jumping to solutions too quickly. In the development phase, we learned to summarize the results of our investigations and analyze problems to come up with a wide range of possible solutions. After our brainstorming, we need to select the best solution. By making prototypes and testing, we can find problems that need to be solved and then carry out new iterations to bring the best user experience. This phase reinforces the concept that design is iterative and feedback is critical to developing effective solutions.

Seven Principles of Design:

The prototype of our music-dating App, Mate, matches the seven fundamental design principles.

Starting from discoverability. The design of our App, Mate, ensures that users can easily understand what our app is for after they click on it. Mate's main page is the Discover page, which allows users to check the app's recommended music. When the music starts playing, they can click on the shift button for the "listen together mode," so users can also explore the dating functions. Quick and direct feedback is also embedded in our design. Whether the user clicks on any buttons in our prototype, immediate feedback will function towards the next dedicated page. We have matched our image symbol with all our functions for the conceptual model. For example, the "listen alone" button is a symbol with a single headphone, while the "listen together" mode has a pair of headphone symbols. Considering the affordance of our design, our app's music function shares similar features with most music apps in the market, while other new features related to the dating function are clearly labeled in the app. When considering the mapping principle, our group considered putting a record on the listening page, which lets users identify the function and adds a vintage vibe while listening. Finally, constraints in our app are showcased in many places; one of the most significant ones is when a user accidentally chooses a match with another user, they could double click immediately to cancel.

Seven Stages of Action:

When redesigning the music app, we still consider the seven action stages. In the app “mate” we designed, we aim for an app to help users find people with similar music tastes and become friends. We want our users to see “mates” who like listening to music like themselves in the app. At the same time, it is still an app where users can listen to music and feel relaxed. When designing this app, we first worked on the wireframing. We thought of adding a page where users

could meet other users with similar music tastes. However, when we worked on prototyping, we found that the users needed functions to know more about other users. We added a chat page where users can chat with each other after they highlight the page. The users can use the listening together function in the app to know more friends with similar hobbies and tastes. This app makes music a way to make more friends.

How you used the feedback from prototyping and testing

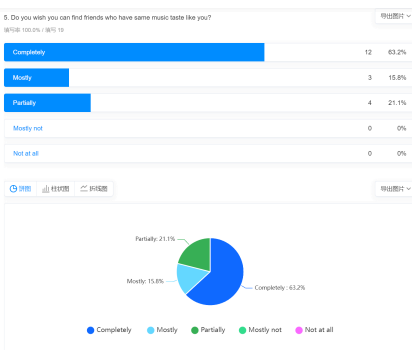
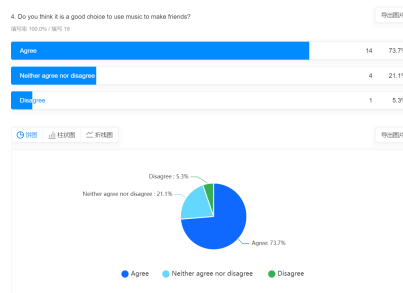
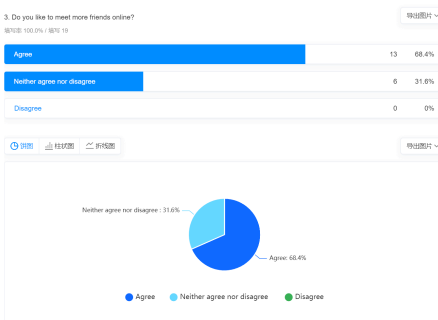
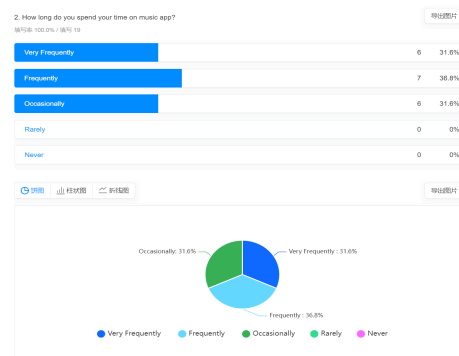
The feedback we received from prototyping and testing not only assisted us in recognizing and resolving issues but also sparked new ideas about the possibilities of the product, which eventually assisted us in developing a design solution that is more in line with the requirements and anticipations of the users. The first version of the prototyping was more basic in terms of layout and structure. At the same time, the feedback from testing led to the final decision to adjust the layout for greater clarity and reduce unnecessary functionality to achieve improved ease of operation and functional clarity during testing. An application design that appears to be responsive to the requirement for social contact is shown by the fact that specific controls and components of social interaction were stressed. Based on the prototyping and testing of the second version, the feedback can be concluded that there needs to be more details and features, such as font size, lyrics display, style, and color tones, which need to be improved. As a result, these ideas were improved in the third version: the general color tone and professional interface were united, and the detailed design of the chat interface was included. Throughout the entirety of the iteration process, our app progressively gained form, resulting in an improvement in the overall design quality and a continuous modification of the design based on feedback to provide the most incredible possible user experience. In future iterations, we will add more pages, such as the user login page and settings, and the interaction system will be improved.

Evidence of Iteration

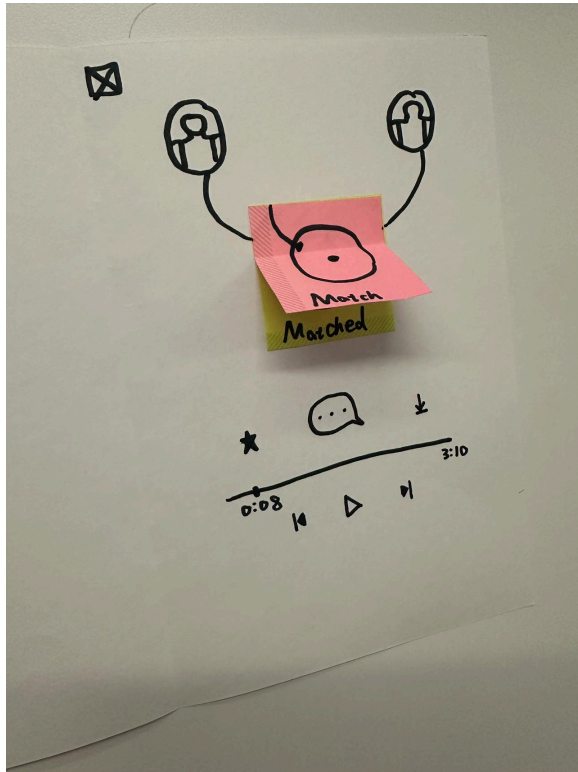
Empathize & Define:

Survey for potential users and their demands:

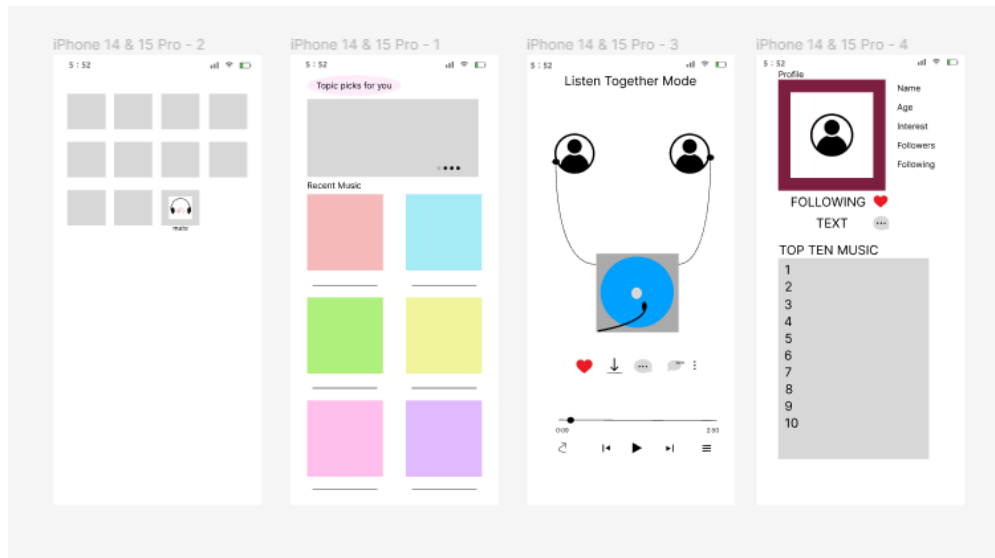
<https://wj.qq.com/s2/14393637/0d37/>



Ideate:

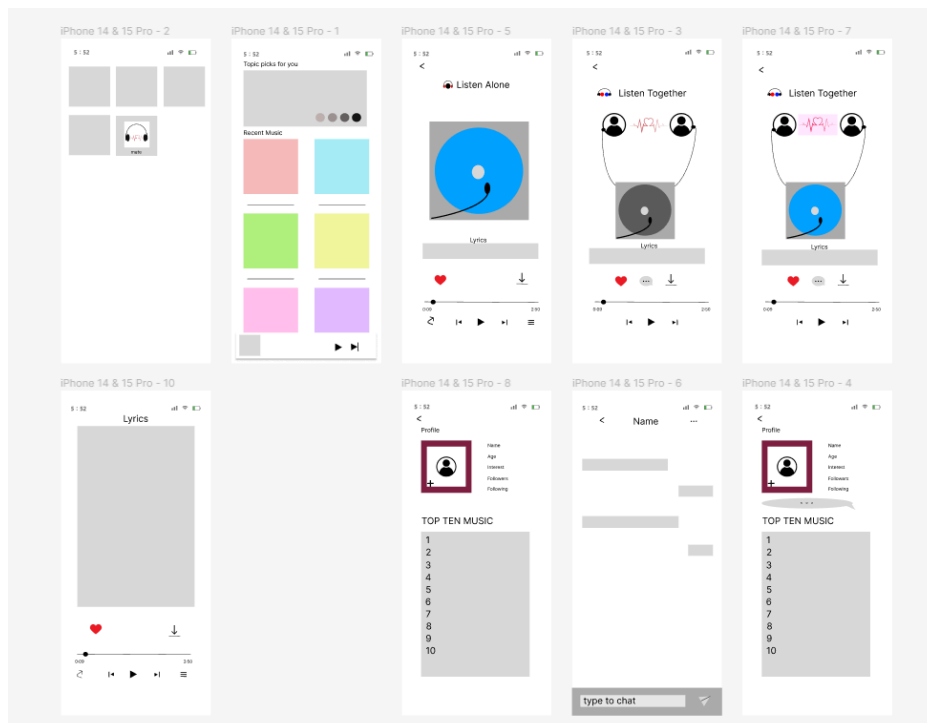


First Version Prototype

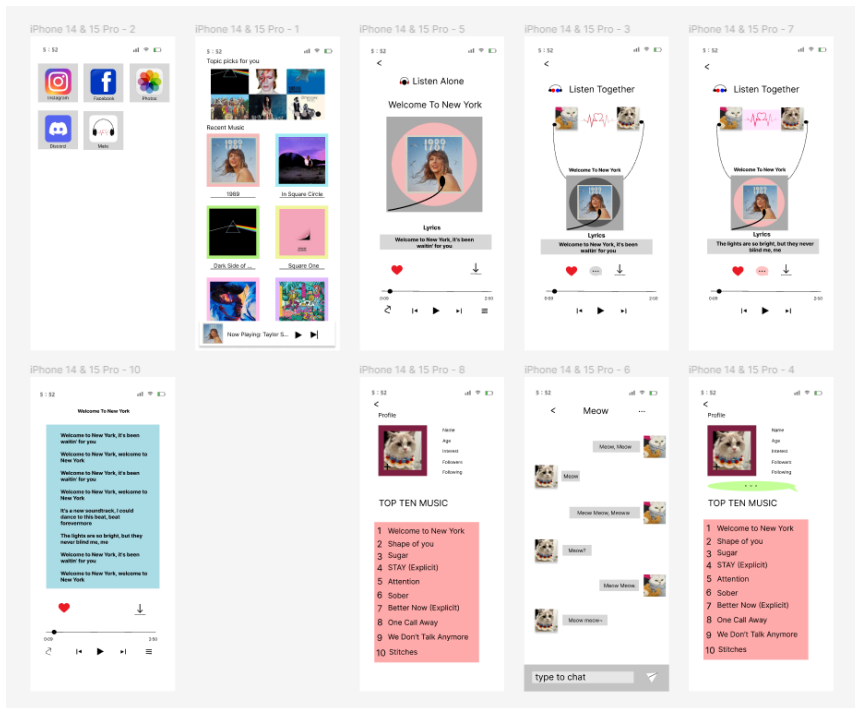


We've recorded videos of testing the product and uploaded them in a separate folder.

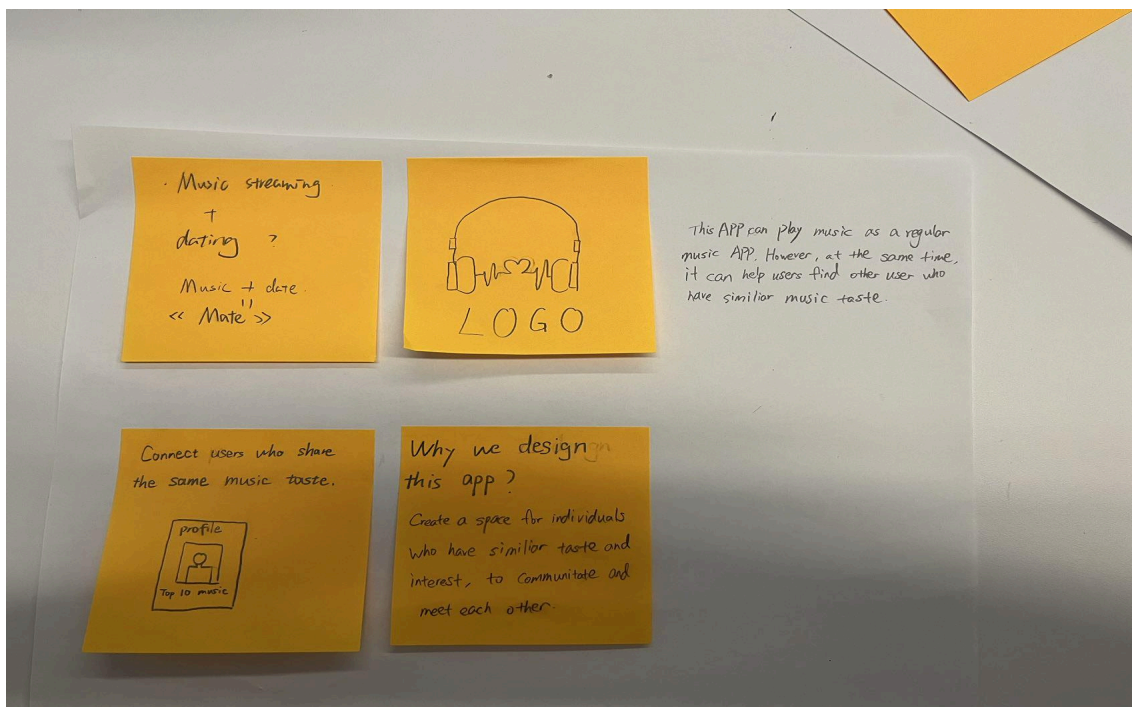
Second Version (Alpha)

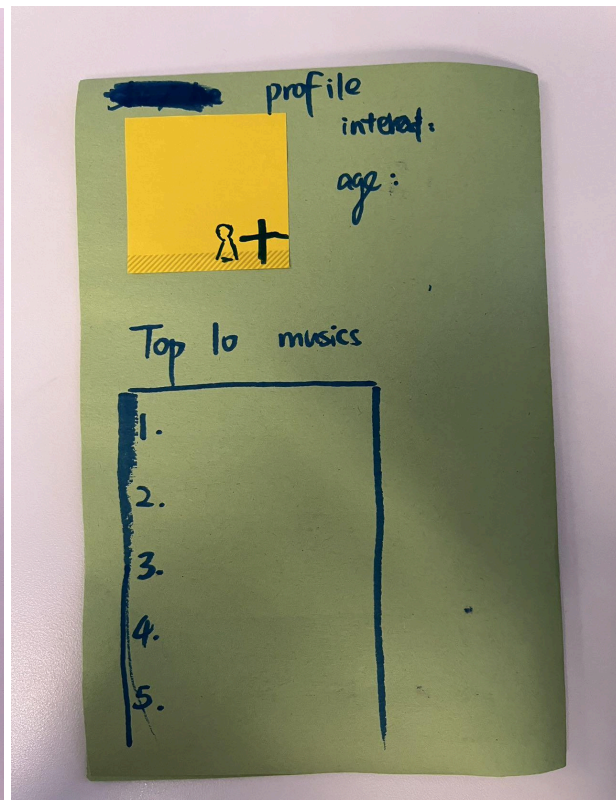
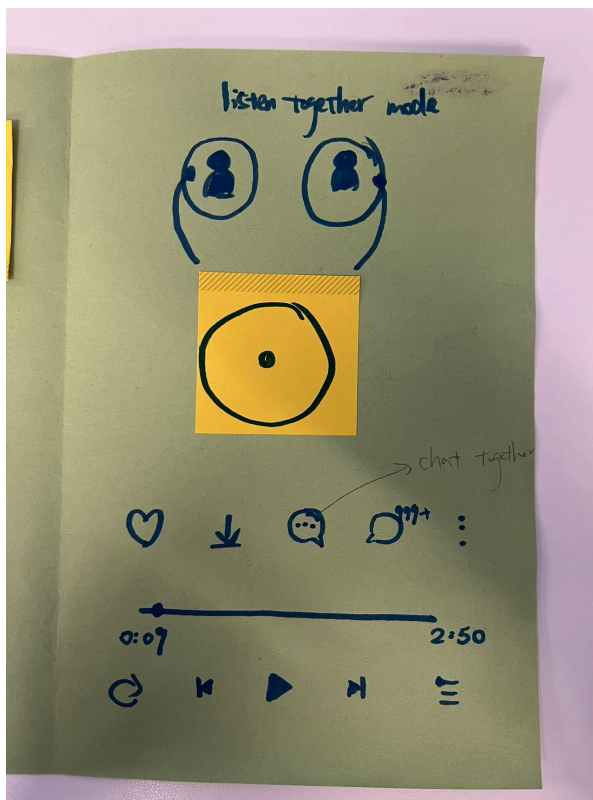
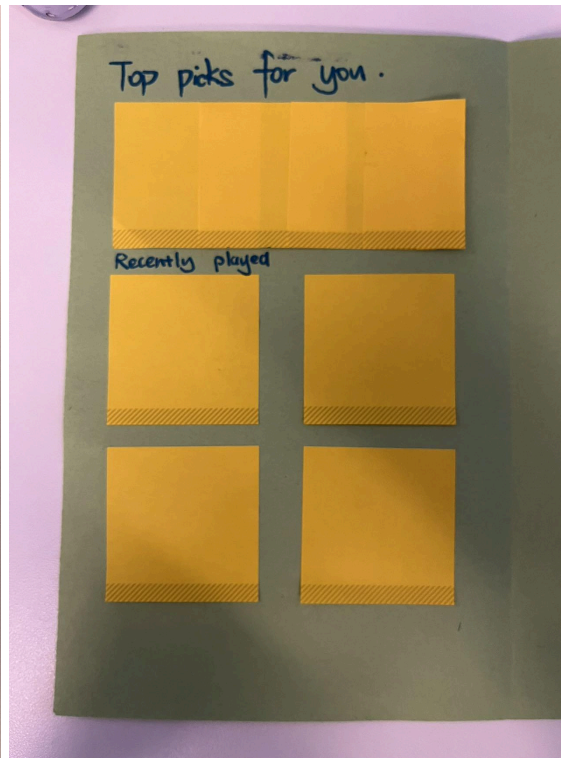
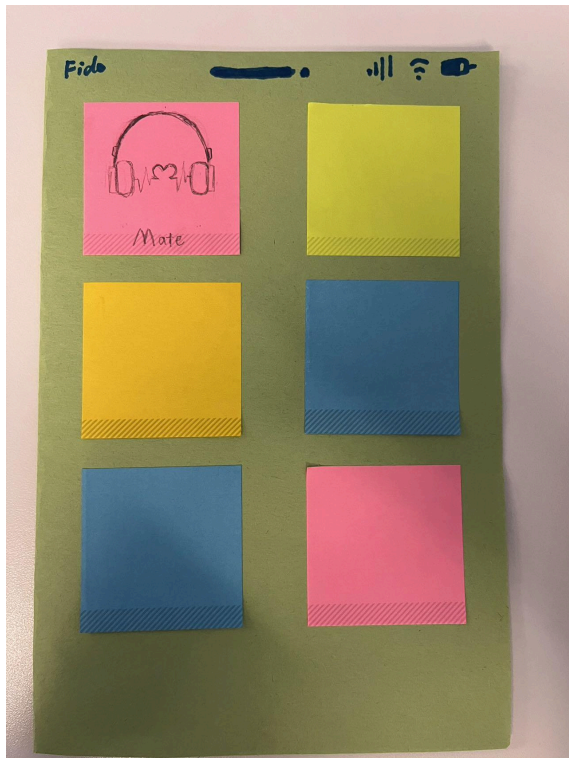


Final Version (Beta)



Sketch





Survey for feedback:

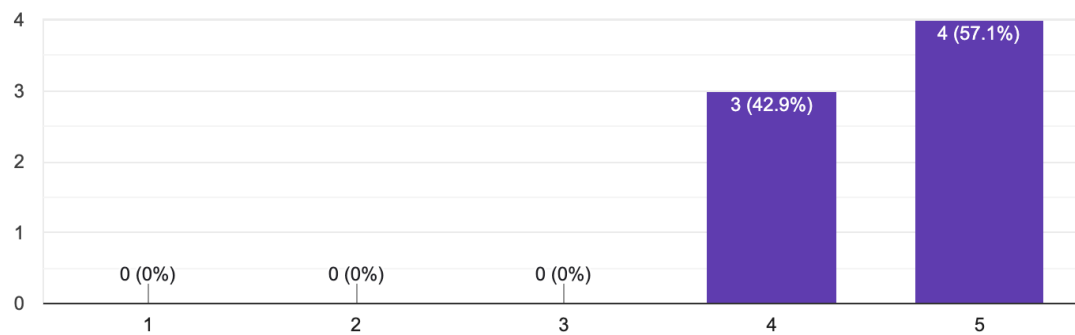
<https://forms.gle/jGm5Y9FWmgxJcasw7>

Data Collection:

From 1 to 5, how do you find our "Listening Together Mode" useful?

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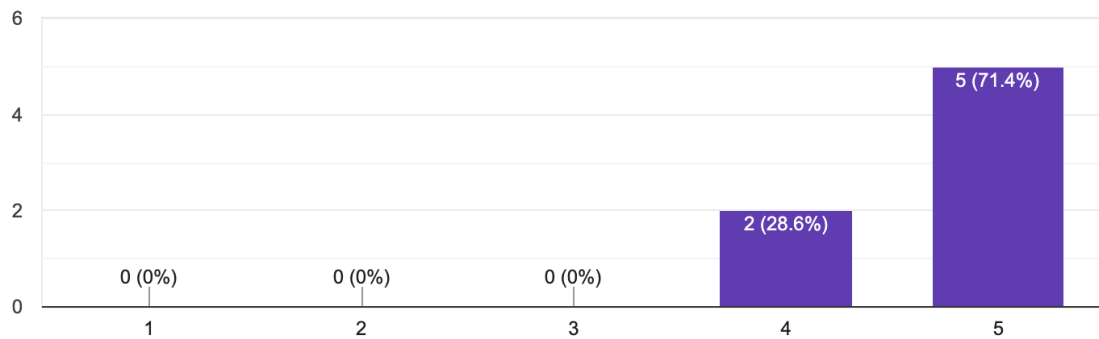
7 responses



From 1 to 5, rate our user interface, is it clear, enjoyable, etc.

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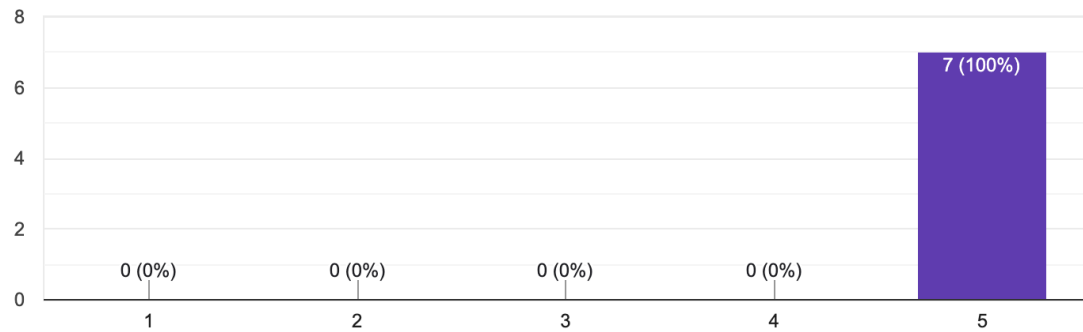
7 responses



From 1 to 5, do you think our product is innovative?

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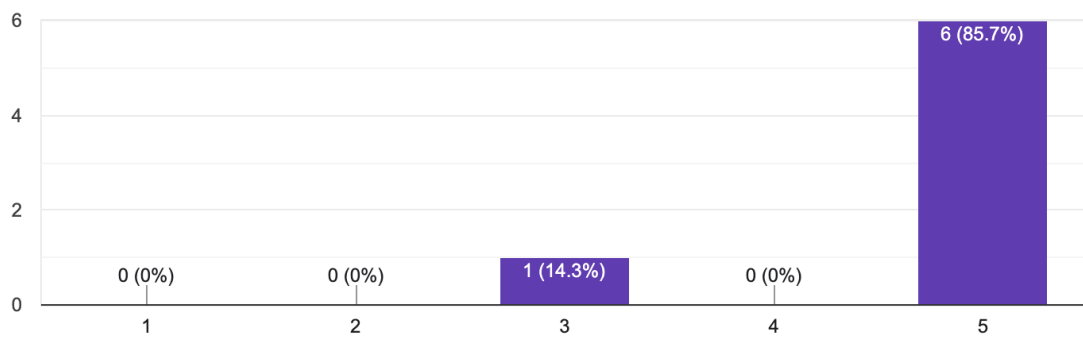
7 responses



From 1 to 5, do you think our product already have enough function?

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7 responses



Any feedback for us to improve our product?

7 responses

More pages can be added, like user login page, settings...

No, it include very useful and creative functions as a music/dating app

I think this app is very fun and interesting.

interesting but noe nice to i people

interesting

Maybe your group could change the user interface design look more clear to the users

Video call the poeple who have similar music taste as you

Reference:

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