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EX03\_03: Application Description

We plan to create a mobile application on the iOS platform designed to improve users’ musical ability and bring users together through music. Our target audience does not just include people with prior music experience, but also anyone with a desire to learn an instrument. Through all of the described features below, we hope that anyone who downloads our application will become a better musician.

1. User Profile

When the application is first downloaded, the user will be prompted to create a profile that they will login into each time they use the application. Some of the possible information to be submitted by the user during profile creation could be:

* Username
* Password
* Email address
* Age
* Gender
* Profile picture
* Music you listen to/Favorite bands
* Instruments you play and level of experience with each instrument
* Location (maybe use geolocation?)
* If they’re looking to find a band to play in (toggle)

After the user creates their profile, they are logged in and taken to the home screen. At this point, the user should be able to access their profile from any iOS device with the application downloaded. Their profile can be viewed by other users. Each profile will also contain a friends list in which users can add each other to for quick communication via the message center.

1. Buying and selling instruments (marketplace)

The marketplace feature of the application will be modeled after Craiglist. It will essentially include two sections. The first will be for any user posting an instrument for sale. Once the user indicates that they wish to sell an item (via a button?), they will be sent to a screen asking for more information about the instrument they wish to sell. Some of the information would include:

* Posting title
* Instrument name and type (brand, year, model…)
* Instrument condition
* Price
* Photos of the instrument in its current condition
* Description of instrument (optional?)
* Phone number to contact

Once the seller confirms all the information above, the instrument post will go live. The second part of the marketplace is for buyers to find instruments to purchase. They will be able to search through all the postings via some user-set search filters, which would include:

* Posting title
* Type of instrument
* Instrument condition
* Price range

Location would also be another filter to consider, but it would be determined by the user’s current location (perhaps by city). Once the search filters are set and the user hits the “Search” button, any possible instruments to purchase will be listed. The buyer would be able to see all the information about the instrument given by the seller, as well as click on the seller’s name to see their profile and contact them via the message center. The application would not be responsible for facilitating the transaction, but establishing initial contact and communication between the buyer and seller.

1. Local events and group “jam sessions”

A map of all local concerts and “jam sessions”, where musicians get together and play music together, will be available for all users to see. It would be cool to pull concert information from some sort of data source, but we would have to do more research to find a reliable data source that continually is updated with upcoming concerts. Users would also have the option on this page to post a local jam session that they’re hosting. The information they would include when posting a jam session would be:

* Location
* Type of music being played
* Time
* Desired instruments (if any)
* Description (optional)
* Phone number?

1. Tutor search

The tutor feature of the application would include two sections like the marketplace. The first would be for potential tutors to post lesson offers. The information they would provide would be:

* Name (pulled from user profile)
* Location (pulled from user profile)
* Instruments to be taught
* Price per 30 min. lesson
* Time available
* Description about musical experience
* Phone number
* Photo (pulled from profile)

The users looking for tutors would be able to then search through all tutors via search filters, much like the buying section of the marketplace. Some of these filters would include:

* Instrument to be learned
* Price
* Gender of tutor
* Rating (rated by previous students)
* Time available
* Location (pulled from profile)

Once the user finds a potential tutor, they would be able to contact through via the posted phone number or via the message center.

1. Message center

The message center would be where users can communicate with one another for whatever their needs may be. It would be similar to Facebook’s messenger.

1. Settings

Some possible setting options would include language (English or Spanish), changing profile information, and perhaps color theme.

1. Music Tablature?

We may also add song tablature for different instruments, available to all users. We’re not sure if we could find a data source to provide this tablature. We might also leave it up to the users to provide tablature. In this case, each tab would have a rating system to differentiate the better ones from the worse ones.

1. Music tuner?

We may also include a tuner for users to tune whatever instrument they’re playing to the correct key.