

ASSESSMENT 2A APPLICATION PROTOTYPE DESIGN

Channon Harper
COSC2653 s3871491

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Introduction

Application – “Mongoose Music”

The objective of this project is to design a mobile application for android users that assists independent musicians and entertainers to manage and discover work in their area. The client is an independent non-profit organisation wanting an application for their members hence the application will be only available to these members. This will take care of the login process as the assumption that a username and temp password would be given to the users once they have signed up with this organization. However, to have better access to work the application would also be available to establishment owners in a limited form that allows them to post job adverts as well as give ratings to the booked person/s (including comments) for future owners to see.

The core makeup of the application will include job search feature both from in app adverts and a keyword search link to outside sources that is prefilled, another minor feature within the search will include search for other musicians in area so if a band is missing a member, they can also advertise this. A client diary for the artist so they can keep track of there previous work and how much revenue was raised. A full feature calendar with day view and monthly view that will update to successful job listings as well as have reminder functions when a booking is coming up. Finally, will have a payment invoice feature incorporated so they can invoice and charge the job at gig completion on the spot for payments, this will also update the calendar to set the scheduled work to be paid in full paid in part or unpaid.

Prototype: <https://www.figma.com/file/72LES8aleAdMitz4CzzUx7/mongoose-music-prototype>

User groups

Mongoose music app will target the user groups shown below.

	G1 – Musicians	G2 - Entertainer	G3 – Establishment owner	G4 – Beginner entertainer/musician
Attributes	<ul style="list-style-type: none">• Member of organisation• 18-40• Has skill in field of music.• Has technical knowledge of application use	<ul style="list-style-type: none">• Member of organisation• 18-50• Has skill in field of entertainment other than music.• Has technical knowledge of application use	<ul style="list-style-type: none">• Has an establishment that can hold performance.• 25-60• Knows what they like.• Has knowledge of entering adverts	<ul style="list-style-type: none">• Member of organisation• 18-30• Learning music/entertaining• Has technical knowledge of application use.
Tasks	<ul style="list-style-type: none">• Gig bookings• Getting paid for work done.• Scheduling their music life• Looking for work or other members• Advertising themselves on media platforms	<ul style="list-style-type: none">• Bookings• Getting paid for work done.• Scheduling their entertainment life• Advertising themselves on media platforms	<ul style="list-style-type: none">• Advertising opening spots and what kind of performance they want.• Seeing ratings of available potential interested parties	<ul style="list-style-type: none">• Looking for band members• Finding a mentor/assist with other members.• Booking there first events• Getting paid for work done

Personas



Bob – Singer/Guitar

Bob is the lead singer to his band and plays guitar he lives in Brisbane city and loves to play covered rock music.

Age – 26

Single

Lives with his band

Goals

Bob would like to have an easier way to schedule his bookings as well as find gigs. He would also like to share where he is playing on his social media accounts.

Frustrations

Bob needing to work outside of his music career finds it hard to find gigs to do. He has only played a few at bars after weeks of asking the owner at his local if they could play. He wishes there was a easier way of finding gigs that his band would be suited to.



Frank – Magician

Frank is a magician he lives in Outer Brisbane and performs mainly at parties on weekends.

Age- 33

Married

Lives with his wife and 2 children.

Goals

Frank would like to be able to schedule his entertaining life outside his normal life as he only performs on weekends. He would also like to track his extra income for taxation purposes.

Frustrations

Frank usually finds work at late notice and cannot plan his weekends with his family. He wishes he could get work ahead of time and schedule it all in one place to see when he has performances coming up.



Malik – Pub owner

Malik owns a pub on the night strip in Sydney he holds live music 1 day in the week and 2 nights over the weekend.

Age- 35

Married

Lives with his wife and 2 dogs.

Goals

Malik wants to be able to advertise his opening spots in advance to get bookings for his

live music and change the music scenery depending on the day or event his establishment holds. He would also like to see ratings of available performers so he can get a gauge on there ability.

Frustrations

Malik has booked performers based on word of mouth from patrons or from answers from his ads only to have them not show up or not be of a quality he holds high. He wishes he could have backup bands ready in case a band does not show up as well as give the no show a bad review so other owners that book that performer know the risk.

Context Scenarios

Bob's Scenario

It is Monday morning and Bob has just been laid off from his part time job and needs money for rent by next week. Having not had a gig in a while he was not feeling like his prospects of attaining this money would come through and was looking at selling one of his guitars. With little hope Bob opens mongoose music app and clicking on find booking he searches his area for potential gigs and finds that 4 are available for the coming week. Jumping on the opportunity he applies to all hoping that one will get accepted, liking his previous rating and music list 2 establishments offer the opening. With the confirmation button he confirms one of the spots sending a no longer available to the other. Bob does the gig and gets paid making rent and with his emotional standing in a better spot was able to get further bookings for weeks to come.

Frank's Scenario

It is Saturday and Frank's about to watch his son play in a semi-final of AFL, winning this event would mean they played in the grand final the following week. Frank looking at his schedule sees he has a booking for that weekend at the same time but does not want to miss watching seeing his son play. He selects his booking and then selects the client contact and choosing to call the client to explain the situation. Given all clear to find a replacement entertainer Frank opens the booking again and can re advertise it to other potential entertainers, another magician sends a request to perform which the client agrees to moving the scheduled job to the new entertainer with no repercussions for franks ratings. His sons team end up winning by 2 points Frank is relieved he was able to use the app to find another performer so he could be there for his son.

Malik's Scenario

It is a sunny Sunday afternoon and Malik is doing his bookwork for his pub. At this moment he realises that he does not have a booked entertainer for his theme night on Thursday. Wanting his patrons to experience a full effective Hawaiian theme night he opens mongoose music and creates an advert for his event. 2 possible bands reply to his posting and scrolling through there set lists he finds 1 to be a potential match to what he wants. He sends a follow up message to the performer asking if they would be able to play/add the following list of songs to their list. The performer replies with which songs they could do out of list and which they could not. Happy with the selection made Malik confirms booking the performer and in turn the performer confirms to play. Thursday night rolls around and the event is a hit for playing the songs added to there usual list Malik pays a bonus to the performer and gives them a 5-star review.

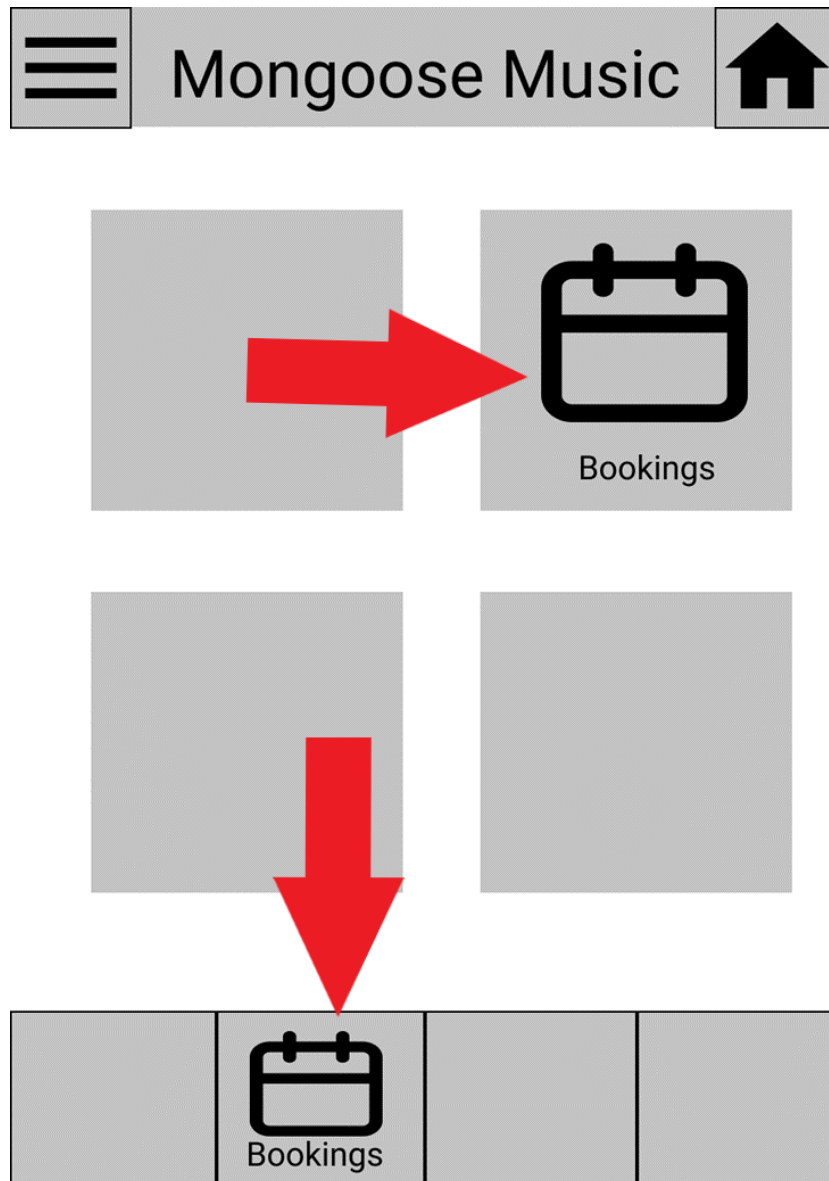
Key Path Scenario

Bob's Scenario

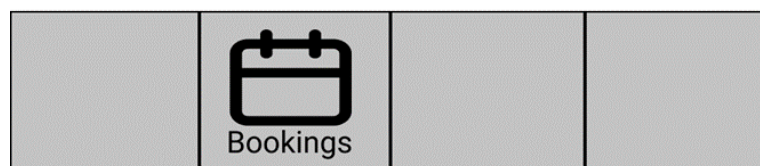
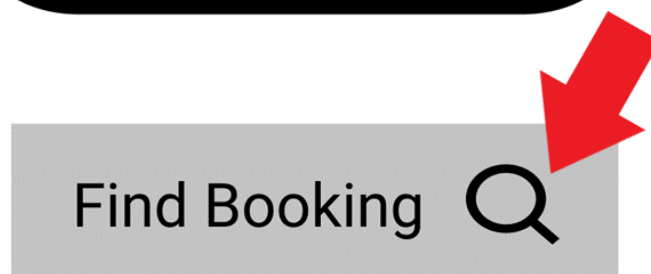
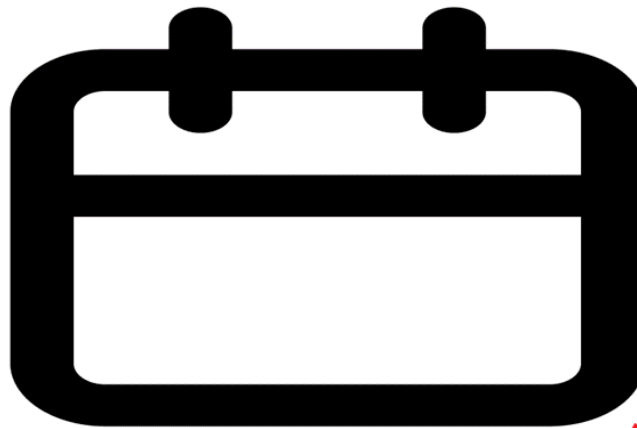
- 1a) Bob taps bookings from menu
- 1b) Bob taps the find booking button
- 1c) The app then opens a map window for selection
- 2a) Bob selects the radius from his location he can travel thus effectively creating the circle on the map bigger/smaller
- 2b) Bob select the days he wishes to search from the bottom date select calendar tool
- 2c) Bob taps search button the magnify glass next to the date select tool
- 2d) The app transitions to show the available bookings displaying location, time
- 3a) Bob clicks on apply button for all available thus updating the selections to no longer have the apply button and rather a tick icon with applied for text
- 4a) Bob sees notification of offers
- 4b) Bob taps the bookings button from main menu which has a listed number of offers.
- 4c) Bob clicks day on calendar that has notification then clicks view offers (button changes from find offer to view if day is selected on calendar that has an offer open).
- 4d) Transitions to same design as searched but now instead of apply has 2 buttons green box confirm and red box decline
- 5a) Bob taps confirm to one he wants which opens another window displaying a are you sure button
- 5b) Bobs calendar updates with his confirmed booking
- 5c) Bob taps decline on other gig as he can no longer do it again this opens a are you sure button(note if calendar has booking at same time when trying to confirm the confirm button will be greyed out)
- 6a) Bob selects bookings from menu
- 6b) Bob's calendar now displays booking

Low-Fidelity

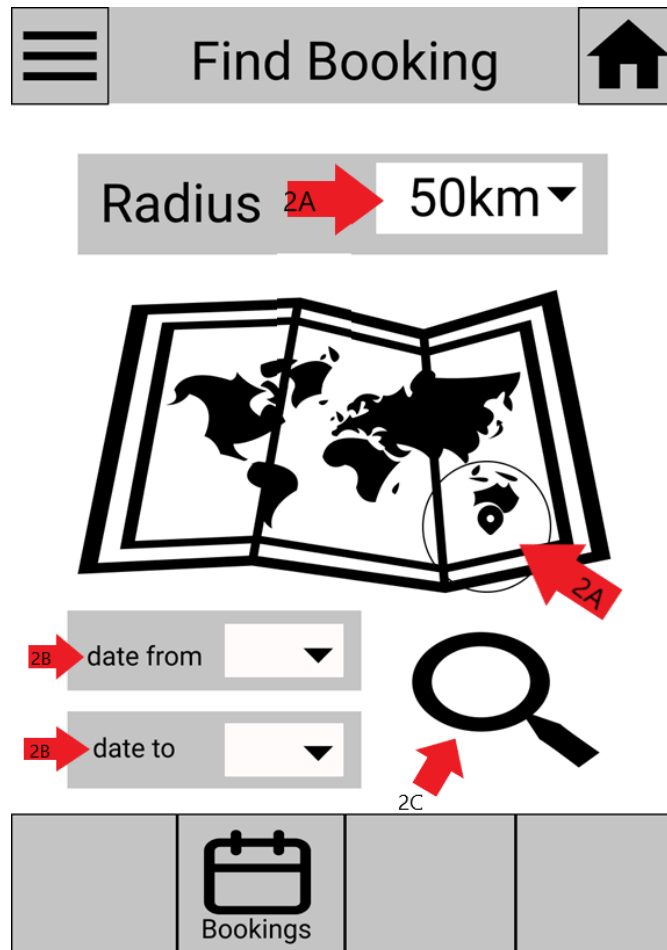
The following wireframes depict the prior keyframe in its stages for the feature of finding a booking.



Bob taps one of the 2 buttons to navigate to the bookings.



From the bookings sub menu bob selects the find booking button



2a) selection of radius that moves a circle on a map from your location.

2b) date to search from and too has default of a week search from current day.

2c) nice big search button depicted only by the magnify glass.

Results

Booking location
Type of gig

Booking time
Amount of hours

Apply

ignore

Booking location
Type of gig

Booking time
Amount of hours

Apply

ignore

Booking location
Type of gig

Booking time
Amount of hours

Apply

ignore

Booking location
Type of gig

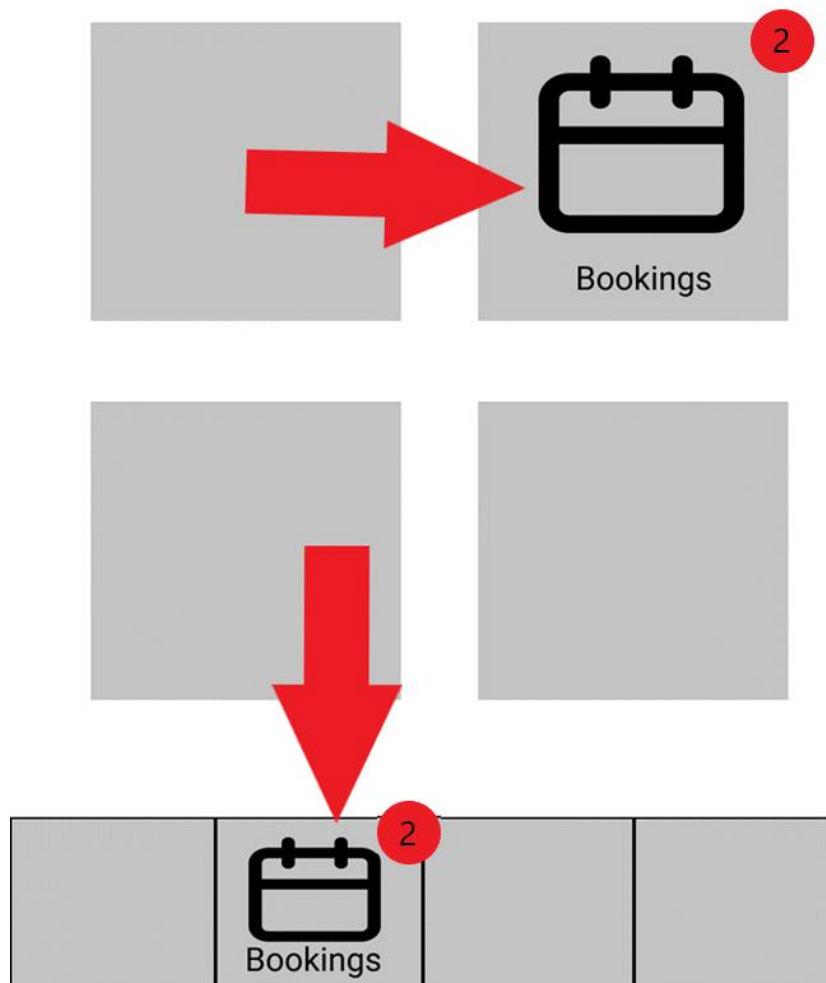
Booking time
Amount of hours

Apply

ignore

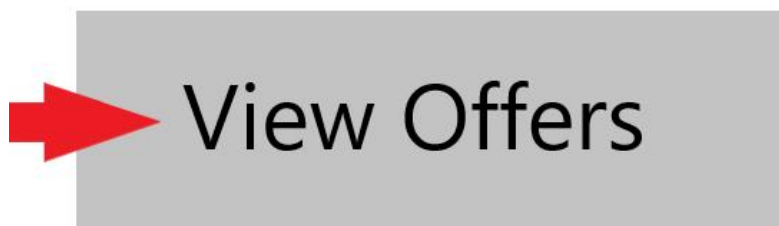
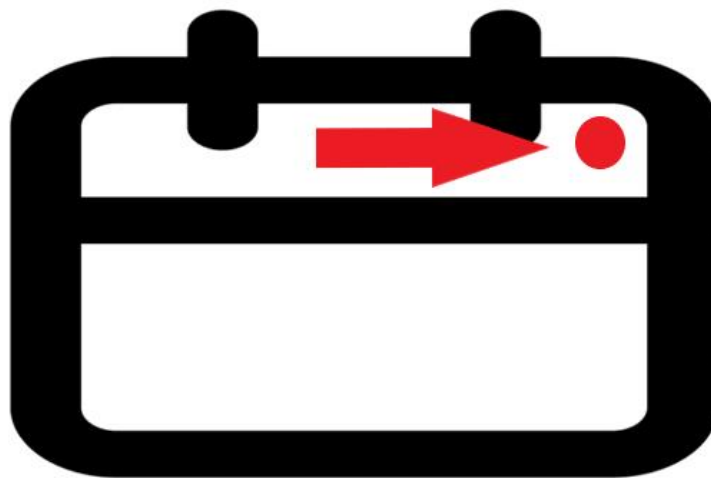
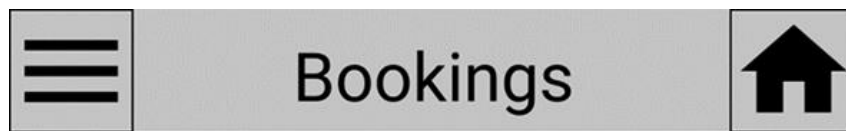
Bookings

3a) applies for all the available openings.



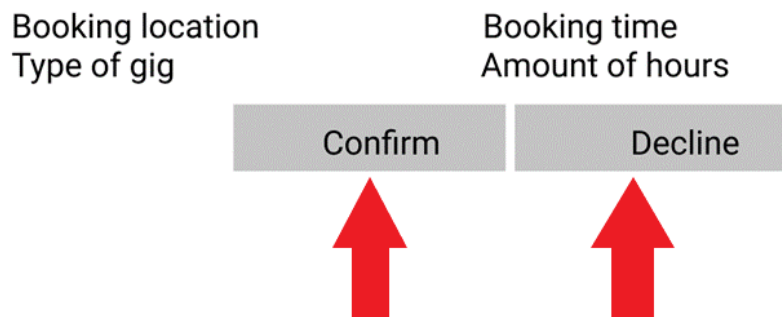
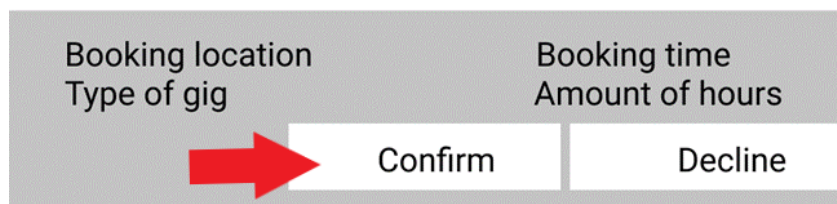
4a) Notifications arise on the booking's menus.

4b) taps on either option.

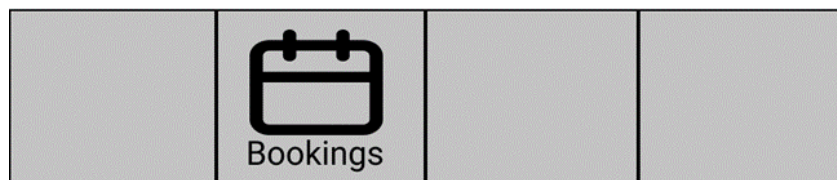


4c) firstly taps the day on calendar that has notification.

4d) button changes from find booking to view offers.



confirm cannot be selected as
now falls on same time as
previous confirm so must be
declined



5a) taps to confirm booking which updates the calendar making that day no longer available.

5c) confirm is now greyed out as has confirmed other booking for same day and decline must be pressed.

You are about to
confirm.....

Yes

No

Confirmation window on either confirm or decline to prevent miss press.

Design Patterns

(some screenshots are not possible as require a prototype from part B of the assignment to screenshot which has not yet been complete the following is the design it will take when the prototype comes to pass)

Intuitive navigation (home screen)

With the main screen the simplistic boxes let you know exactly where you will navigate to the use of image icons alongside with text helps the user's memory relate the image to where they will navigate to allowing for easier functionality in the future.

Affordance

Using the icons such as the hamburger to navigate without the need to go back to home and the search icon it allows the user to already have knowledge of what those things achieve.

Uniformed connectedness

Having a global navigation bar at the bottom and all menu items or sections to be represented by different colours and borders the user knows what information relates to that given feature or area.

Good defaults

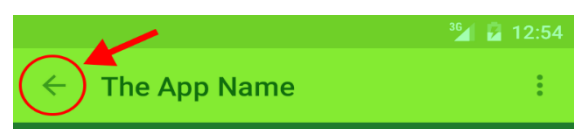
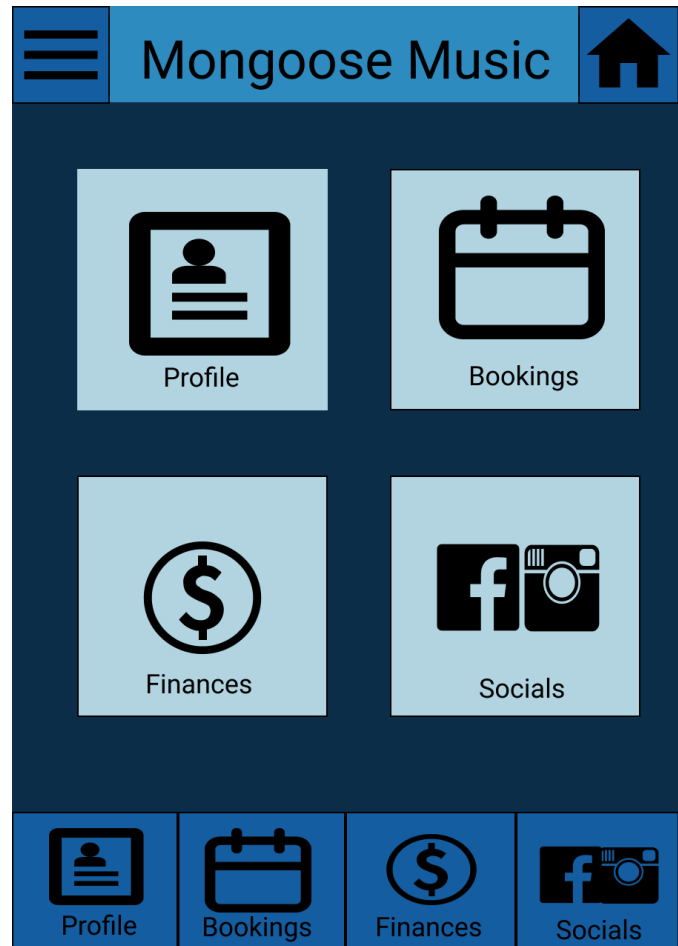
When looking for a gig/booking or creating one the defaults from the area you are searching come up with a good travel distance. Changing these on you first search will change the default values to you last previous search so once you have searched once or advertised once all information will be their next time you come around to it removing the need to enter the same details every time you want to use these features.

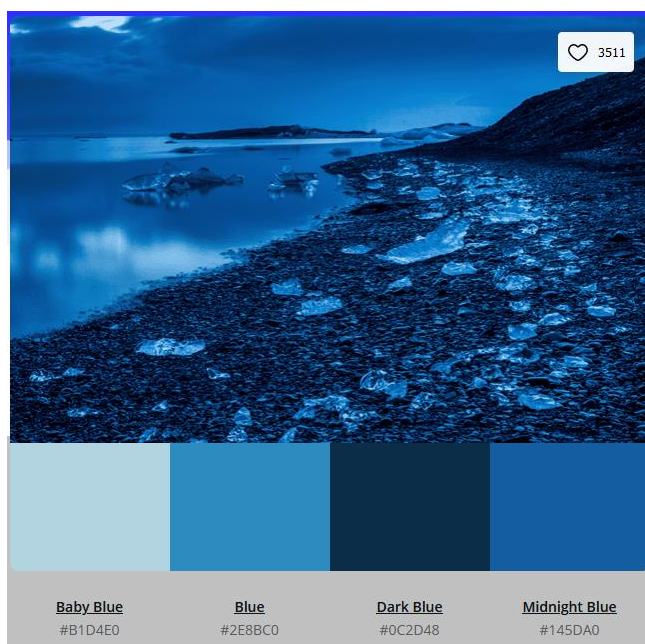
Visual Framework (consistent)

The application uses the same layout throughout with only the content section changing. Keeping the menus in the same location and only changing the internal screen to the new feature. I believe this to be more pleasing to the eye as you can instant load the middle keeping the outside loaded so the need to have transitions is not required.

Home button (get back)

With each section only having minimal sub sections the need for the user to go back one page is not a major problem with the navigation at the bottom as well as a hamburger selection but in areas where it went past the initial sub section a back button will be implemented.





Themed colours

Inside the settings menu from the hamburger selection there will be 2 modes of colours with a dark mode and bright mode each coming from a colour palette. The option to change modes is quite desirable and the added inclusion will make the app more visibly appealing depending on the user. Myself I always go dark theme if it has it nothing more annoying then a bright application ruining your eyes.

Features

Profile – inside this profile for each person that has an account the user will select what they are and who they are. You can select musician, performer, event holder, other from it also includes subcategories to each of those to better search results. For musicians and performers there is also a set listing that can be made to add a list of songs to perform or what kind of show to perform. This profile also has linking to Facebook and Instagram.

Bookings – bookings will show a calendar that shows your bookings but also a find booking/create booking depending on the user account. This will be able to be displayed monthly like a calendar and selecting a day will bring up the information for that day. This will also show the event booked the client and the payment history.

Money – simplistically shows the money earned or spent depending on account for any given week/month/year date selection criteria.

Share to Social – inside this menu the user can choose to simply post on whatever social media channels they want where they are playing from the calendar. An establishment owner could also advertise who is playing at their club with the same principal. Or the user can type any message (with image/video) that will post to any accounts from the application.

More inside bookings

find booking/create booking feature.

The user can enter in a distance to search and a time to search for gigs that will provide a listing of matches from there they can apply for these gigs and upon approval can confirm the booking. On the other hand, the create booking feature if the profile is listed as an establishment owner the user creates a booking for their given pub/area and the time they wish a performer to perform. They also select what kinds of performance they wish to have which will cut down the results for the artist/performer that searches these queries.