

Proposal for The Sound Bank iOS/Android Apps development

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1. Job brief

The Sound Bank is a Creative Hub that offers Digital Creators and Musicians various facilities and services. Fundamentally the core purpose of the app is to create a backend system which supports the launch of our monthly subscription membership packages for our clients.

Turnaround time

Need app up and running within a month - absolutely no later than the 1st week of December so we can launch ahead of Christmas.

Studios

The Sound Bank has 4 different studio spaces and several different services which clients will be able to book on a weekly basis. They are as follows Podcast Studio (audio only), Creative Studio (filmed podcast, photography, live streaming), Recording Studio (composition, recording, mixing, mastering) and Rehearsal Studio (DJ sets, Band practice, Singing Lessons, Writing sessions).

Function of app

Package 1, grants the member 8hrs of monthly studio time, in any studio room. This should be 2hrs per week however we want the client to have flexibility to book in bulk. So 4hrs in one week or even 8hrs in one day if preferred, in this case their studio time would be completely exhausted until the following month.

Payment capability of app

The app should automatically make the client create a profile in which it generates a membership number. It should ideally connect to a Direct Debit payment system which allows choice of packages, upgrades and a payment update in the event that their payment fails. (No different to Netflix). All clients should be able to login and book their time at their own leisure, selecting which studio/ or service they want.

3 types of packages (dry hire, production and post production)

As part of our package options we will offer 3 types. The first being just dry hire (meaning self service - no member of staff present). The second is a package which provides technical assistance i.e a sound engineer, singing tutor, videographer, photographer. With this option the client should be allowed to select the person they want for their session. They should be able to see the member of staffs profile/bio and click a link to hear or see a sample of work. Once they have selected who they want for the session an alert should go to the member of staff/ freelancer so they know they have been booked.

Lastly the final package is post production this means after the client and member of staff/freelancer have parted ways the member of staff will continue on with the job in the clients absence. Examples could mean a photographer will edit pictures a podcast engineer will edit the podcast or a web designer will continue working on the clients website.

Status updates

In the scenario of a client being absent whilst a member of staff works on their project the client should be able to see updates of their job status on the app. "Pending, Draft 1 or Complete". The app does not need to have the work uploaded on to it, as the completed file will be sent via email the app merely needs to provide an update and the member of staff doing the job needs to be able to control the status update.

Non monthly members

We would like the app to accommodate non members in which a client can download the app, create a profile and opt not to become a monthly member. They may just want a one off service but have the enjoyment to browse through the option of services and team members / freelancer on offer to them. This ultimately will allow our company to connect client with team member/freelancer (just like Uber). In order for this to work we would want the app to make the client submit the details of their job for a quote, then receive the quote back and pay upfront before they are allowed to book the team member of their choice.

Features

The app needs to allow the freelancers to enter and alter their availability from week to week. It should also allow them to communicate with the client via the messenger. Clients should be able to leave star reviews for the staff member they've worked with.

Avoiding a booking system clash

We are thinking that once the app is up and running maybe the current booking system on our website should be removed and dissolved so the app doesn't have the extra task of trying to sync two different diary systems. In essence forcing all users to download our app to book.

Future considerations.

Eventually the app should be sophisticated enough to offer our clients all types of different categories of service. From sound engineering to music producing, music tutoring, video editing, web or graphics designing. We will launch the app with x-amount of team members that have been vetted. If new freelancers outside of who we officially list from the start of launching the product wants to list themselves independently on our app they will upload their profile and work samples await to be

verified from us and once they have been they will be accepted onto the platform and pay a monthly fee to appear. The app should be capable of expanding to different creative hubs around the globe.

1. Payment Synchronization: - What payment gateway or system are you currently using for the direct debit (DD) functionality? Do you want the app to integrate with this, or are you open to suggestions for new payment systems?- Should the app automatically re-enable access when the payment is received, or would you prefer manual control?

Answer 1

Yes the system should allow payment updates and upgrades regardless is current system.

2. Notifications:- For member notifications, are there specific triggers you'd like? For example, reminders for upcoming bookings, failed payments, or session confirmations?

Answer 2

Yes, both client and staff/freelancer should receive confirmation and reminders. Failed payment should flag when the client attempts to book.

3. Backend for Staff Alerts: ~~SEP~~ Could you clarify how staff would prefer to receive alerts (e.g., push notifications, email alerts, or through the app's backend)?- Would you need a staff management system to schedule or allocate rooms and services based on member bookings?

Answer 3

Staff need to be able to have limited admin rights to update status of jobs and provide quotes to client/communicate (maybe a 100 word text box)

4. Post-Production Job Status:- Could you explain a bit more about the post-production process and how the system should track and display job completion status?

Answer 4

Status update will display 'pending, draft sent, completed'. The file will come across via email. The app only needs to show job status.

5. Room Availability and Booking:- How would you like room availability to be displayed (e.g., a calendar view or a list)? - Should there be different time slots or duration limits for bookings?

Answer 5

The app should display a calendar with time slot availability.

6. 6-Month and 1-Year Sign-ups:- Will you need options to renew or upgrade memberships automatically when the term ends, or will this be managed manually?

Answer 6

Yes, we would like the app to have the capability to do auto renewal

7. Pay-as-You-Go Users:- Do you envision a separate section in the app for pay-as-you-go users, or should they have a similar booking experience with limited access to certain features?

Answer 7

Yes, we require a section for pay as you go users (under a premium rate) or for those who require a personalised quote.

8. Branding: - Can you share your website's style guide or website's link or branding guidelines to ensure design consistency?

Answer 8

<https://mysoundbank.co.uk/>

9. UI:- Do you have any UI design? Or do I have to design the UI?

Answer 9

We have no UI design but our website is the reference. Black background, white writing and photos will be supplied with branding guideline so the app is like for like.

2. Proposal Details

Graphic Design In Figma:

1. **Mobile App Wireframe:**

I will use the website as a reference to create the wireframe, ensuring it includes all relevant pages while maintaining a unique workflow. The wireframe will be user-friendly, providing a simple and intuitive navigation experience.

2. **Figma Graphic Design:**

Deliverables will include:

- App logo (1024x1024 pixels)
- Splash screen
- Custom app icons
- Activity views and all main pages (12-15 pages total)

Android App Development:

1. **Static UI Implementation:**

This includes fundamental UI components such as Texts, TextFields, and Buttons, as well as the splash screen, onboarding screens, main tab view, subviews, and settings. Only the static UI will be implemented at this stage without any animations or functionality, following the app's workflow.

2. **Functionalities and Animations:**

- Implementing basic functions such as validation for name and email fields, enabling/disabling buttons based on user inputs.
- Building controllers and models to support the views.

3. **Backend API Integration:**

- Creating a base API request/response class.
- Implementing all APIs provided via the Postman collection in the API class.
- Implementing API calls for each page and action.

4. **Testing and Bug Fixing:**

- Deliver APK files for testing on real devices.
- Bugs and issues reported via Jira or Excel will be addressed promptly, and updated APKs will be shared daily with testers.

5. **Delivery and Maintenance:**

- Regular updates will be provided every Tuesday, Thursday, and Saturday.
- Source code will be maintained in a Bitbucket repository, with updates submitted via branches. Each branch will be merged into the 'develop' branch after testing and into the 'main' branch upon release.

iOS App Development:

6. **Static UI Implementation** (same as Android):

Static views and components including splash screen, onboarding, main tab view, subviews, and settings will be developed.

7. **Functionalities and Animations** (same as Android):

- Implementing functionalities such as validation for input fields and enabling/disabling buttons.
- Building controllers and models for views.

8. **Backend API Integration** (same as Android):

- Creating base API classes and implementing Postman APIs.
- Developing API call functions for each action.

9. **Testing and Bug Fixing:**

- Internal and external testers will use TestFlight for iOS testing.
- Bugs and issues will be reported via Jira, Excel, or TestFlight's crash reporting.
- Fixes will be made promptly, and updated builds will be shared daily.

10. **Delivery and Maintenance** (same as Android):

- Regular updates every Tuesday, Thursday, and Saturday.
- Code maintenance through Bitbucket, using branch-based workflow and merging into 'develop' and 'main' branches.

Server backend API development:

1. **API Development:**

The backend APIs will support all frontend platforms (web, iOS, and Android) using a single database.

2. **Database Integration:**

Since the website was built using GoDaddy's website builder with React, the existing database will be reviewed and integrated.

3. **Backend Development:**

The backend will be developed using Laravel or Node.js, with each API delivered to frontend developers via a Postman collection after testing.

Timeline:

The project should be done asap and released until the first week of December this year before Christmas as client wanted.

- **October 17-19:** Discussion and agreement finalization.
- **October 21-26:** Start wireframes and graphic design.
- **October 28-31:** Design revision and initial mobile UI development.
- **November 1-9:** Complete UI and begin backend API development.
- **November 11-16:** Backend API testing, refine UI, and integrate APIs.
- **November 18-23:** Full app testing, issue fixing, and updates.
- **November 25-30:** Final app testing and preparation for app store submissions.
- **First Week of December:** Project completion and app releases.

Payment Breakdown:

1. PPH Escrow and Down payment: £350 (Due by Oct 19)

2. Design: £1,150 (Due by Oct 26)
3. Mobile App UI part:
 - a. iOS - £1250
 - b. Android - £1250
4. API integration:
 - a. iOS - £1150
 - b. Android - £1150
5. Backend completion: £1000

Total Project Cost: £7300

(Design: £1,500 | iOS: £2,400 | Android: £2,400 | Backend: £1,000)