

Project Report Template

Title of Project: whisper chat

Name of the Innovator: Dhanush. P

Start Date: 13-10-2025

End Date: 17-10-2025

Day 1: Empathise & Define

Step 1: Understanding the Need

- Which problem am I trying to solve?

Many people today feel lonely or unable to express themselves freely on social media due to fear of judgment or identity pressure. Whisper Chat solves this by offering a safe, anonymous space where users can instantly connect with random people through text or video chat. It encourages open conversations, helps reduce social anxiety, and allows genuine human connection without revealing personal identity. The app creates a judgment-free platform for users to talk, share, and interact freely anytime, anywhere.

Step 2: People often feel lonely and hesitate to express themselves freely on social media due to fear of judgment and identity pressure. There's a lack of safe, anonymous platforms for open conversation. Whisper Chat solves this by letting users connect and talk freely with strangers without revealing their identity.

Why is this problem important to solve?

Loneliness and lack of genuine communication are growing issues in today's digital world. Many people need a safe space to express thoughts without fear or judgment. Solving this problem helps improve mental well-being, encourages social interaction, and allows people to connect more openly and honestly. Whisper Chat makes that possible through anonymous, real-time conversations.

Take-home task

Ask 2-3 people what they think about the project:

A software engineer said, "It's a great idea! Many people want to talk freely without revealing their identity. This app could really help reduce loneliness."

A psychologist mentioned, "I like the concept because many people struggle to express their feelings openly. If the app ensures privacy and emotional safety, it could be very helpful."

A marketing executive shared, "It's an interesting concept, but safety features are very important. Make sure users can report or block anyone easily."

AI Tools you can use for Step 1 and 2:

AI Tools Used:

1. Meta MGX

- Used as a no-code development tool to design and deploy the Whisper Chat communication app.
- Helps create interactive chat workflows, real-time connection logic, and user interface components without manual programming.
- Ideal for building features like random user matching, text/video chat modules, and user verification flows.

2. ChatGPT

- Used for idea generation, feature planning, and content structuring of the chat app.
- Helped design chatbot-like conversation flows, safety guidelines, and moderation responses for users.
- Also useful for creating app descriptions, FAQs, and improving the user interaction experience.

3. Chatbot References (Structure Design):

To design the AI virtual assistant, you can take reference from:

- Google Dialog flow – for understanding intent detection and response flow.
- IBM Watson Assistant – for creating structured Q&A and personalized career guidance.
- Zapier – for automating background workflows such as connecting chat events, sending notifications, or storing chat logs between different app services.
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Day 2: Ideate

Step 3: Brainstorming solution

1. **Anonymous Chat Platform** – A web or mobile app that allows users to chat with random people without revealing their identity.
2. **AI Moderation System** – Uses AI to detect and block abusive or inappropriate content in real time, ensuring user safety.
3. **Language Translation Feature** – Automatically translates chat messages so users from different regions can communicate easily.
4. **Interest-Based Matching** – Connects users based on shared hobbies or topics to create more meaningful conversations.
5. **Verified Safe Chat Mode** – Optional feature where verified users can chat within a secure environment, reducing misuse.
6. **Whisper Chat App** – A complete digital platform built using Meta MGX, designed to enable safe, anonymous, real-time conversations between strangers while promoting free and open communication.

Step 4: my favourite solution:

*My favourite solution is **Whisper Chat**, an anonymous communication app that connects people instantly through random text or video chats. It allows users to talk freely without revealing their identity, helping reduce loneliness and social anxiety. The app includes features like AI-based moderation for safety, multi-language support, and an easy-to-use interface. Built using **Meta MGX**, it ensures smooth, secure, and real-time interactions. Whisper Chat is a practical and meaningful solution that promotes open communication and genuine human connection in today's digital world.*

Step 5: Why am I choosing this solution?

*I am choosing **Whisper Chat** because it creates a safe and anonymous platform for people to connect and communicate freely. It helps users overcome loneliness and social barriers by allowing open conversations without revealing their identity. The app is easy to use, accessible anytime, and designed to promote genuine human connection while ensuring user safety through AI moderation and privacy features.*

AI Tools you can use for Step 3-5:

1. Meta MGX

- **Used to design and build the Whisper Chat app without coding.**
- **Helps create interactive chat interfaces, random user matching, and safety modules.**
- **Enables features like real-time communication and user verification flows easily.**

2. ChatGPT

- **Helps brainstorm creative chat features and generate conversation ideas for the app.**
- **Assists in designing chat flow, safety messages, and automated moderation responses.**
- **Used for writing user prompts, FAQs, and in-app instructions to improve communication quality.**

3. AI Chatbot References (for design and flow)

- **Dialog flow – Helps understand real-time message handling and user intent.**
- **IBM Watson Assistant – Used for designing structured chat responses and managing sessions.**
- **Microsoft Bot Framework – Demonstrates how to connect users, manage chat events, and automate chat pairing.**

4. AI Research Tools

- **Google Scholar / Research AI – Used to study existing anonymous chat systems and improve app safety.**
- **AI Text & Summarization Tools – Helps refine ideas, compare different solutions, and present the final plan clearly.**

AI Tools you can use for the take-home task:

Canva AI/CoPilot AI/Meta AI: Use these mobile-based tools to generate images for the solution they want to design

Day 3: Prototype & Test

What will my solution look like?

- **Home Screen:** Welcomes the user with a simple “Start Chat” or “Find a Stranger” button and language selection option.
- **Chat Interface:** The main screen where users are connected randomly for text or video chats in real time.
- **AI Moderation System:** Monitors chats automatically to detect and filter inappropriate content for user safety.
- **Language Options:** Allows users to switch between multiple languages for a better chatting experience.
- **User Safety Features:** Includes options to report, block, or disconnect from any user instantly.

Design Style:

- Minimalistic, user-friendly, and intuitive layout for quick access.
- Dark and light mode options to make chatting comfortable at any time.
- Mobile-first design, ensuring smooth experience on all devices.

Prototype Tools:

- Built using **Meta MGX**, a no-code platform that enables creation of chat workflows, user pairing, and moderation features interactively.

What AI tools will I need to build this?

- **Meta MGX:** For designing the app interface and backend logic.
- **ChatGPT:** For creating conversation templates, safety prompts, and message flow.
- **Dialog flow / IBM Watson Assistant:** For building automated moderation and chat intent recognition.
- **Zapier:** For automating background tasks like chat logging, notifications, and reports.

AI Tools Needed to Build Whisper Chat

1. Meta MGX

- No-code platform used to design and deploy the Whisper Chat app.
- Allows building interactive chat screens, random user-matching systems, and safety modules without coding.

2. ChatGPT (or similar LLMs)

- Used to generate conversation templates, safety prompts, and automatic responses.

- Helps design smooth chat flows and improve user engagement through AI-assisted content.

3. AI Chatbot Design References

- Google Dialog flow / IBM Watson Assistant / Microsoft Bot Framework
- Used as references for structuring real-time conversation logic, handling user inputs, and automating moderation responses.

4. AI Moderation & Safety Tools (Optional but useful)

- Can integrate AI APIs for detecting harmful or inappropriate messages.
- Helps maintain a safe and respectful environment for all users.

5. AI Data Analysis Tools (Optional for insights)

- Tools like Python AI libraries (Pandas, Scikit-learn) or AI analytics dashboards can track chat activity trends.
- Used to analyse user behaviour, improve matching algorithms, and enhance overall app performance.

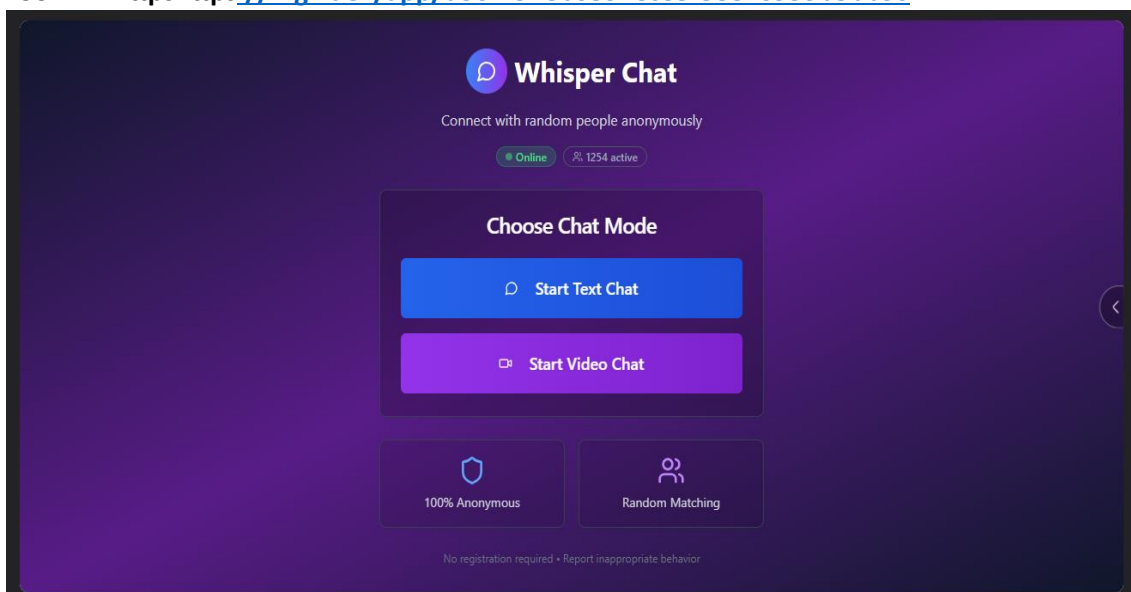
What AI tools I finally selected to build this solution?

1. Chat GPT
2. Metamgx

< Build The Innovation >

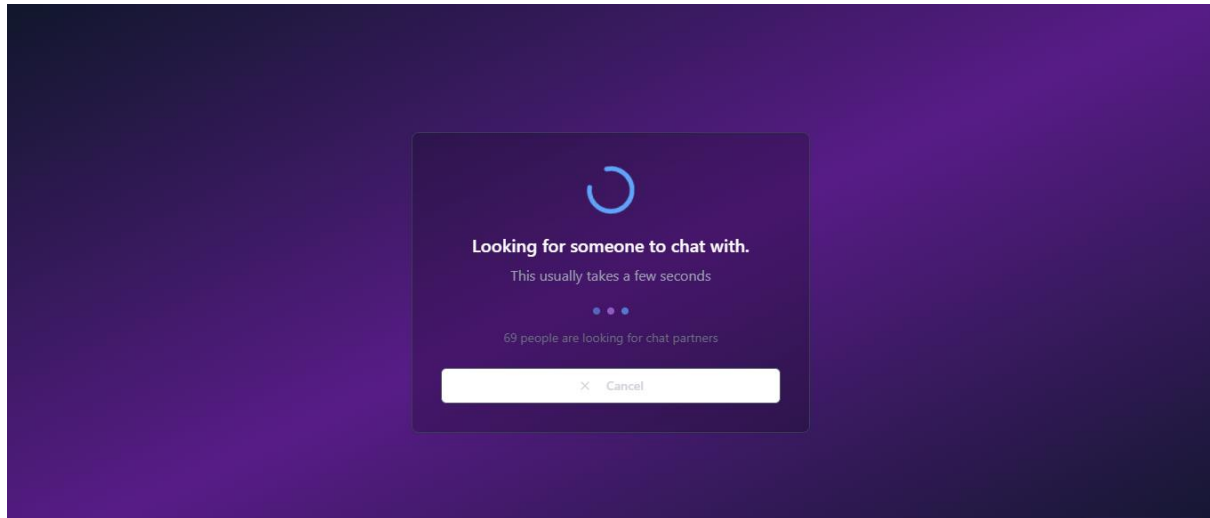
<DASHBOARD OF THE TOOL>

Tool Link <https://mgx.dev/app/d50f794eb6834ece8f8ee46953b8bb30>

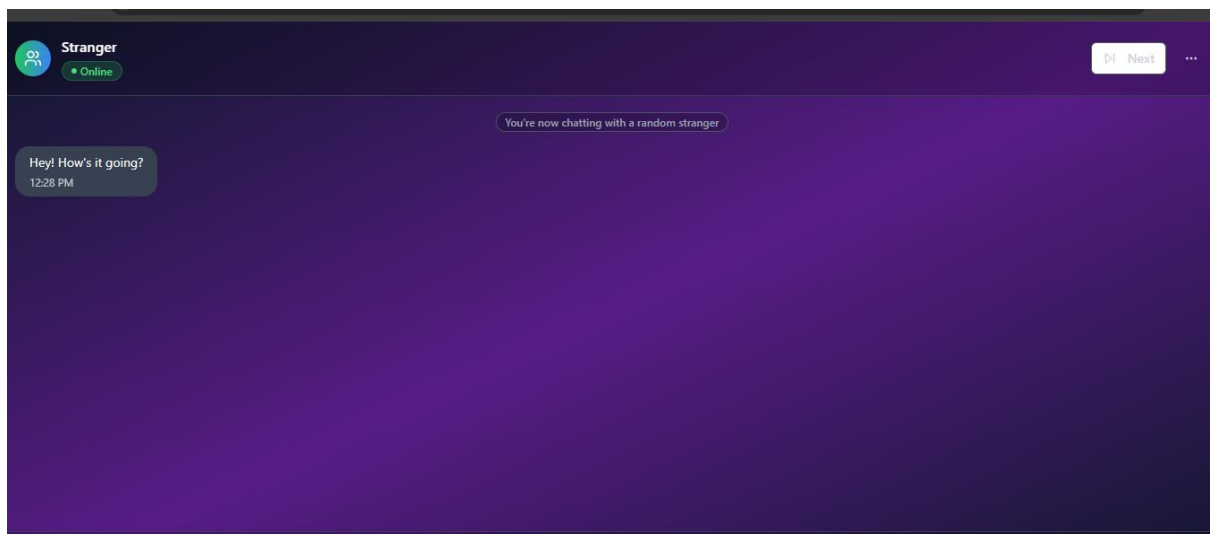


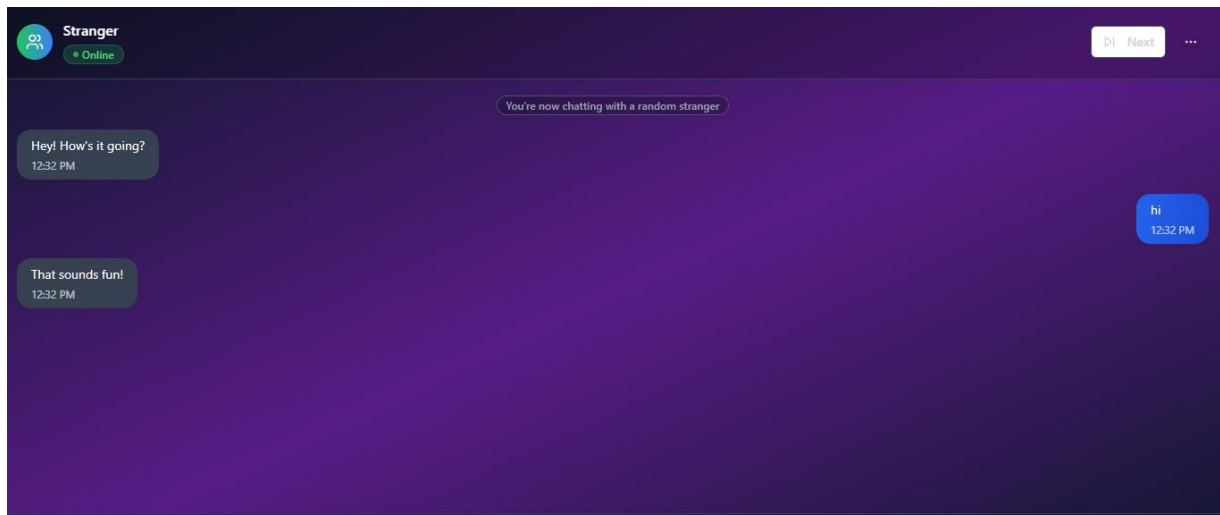
Internal Working of tool:

Start text chat: connecting

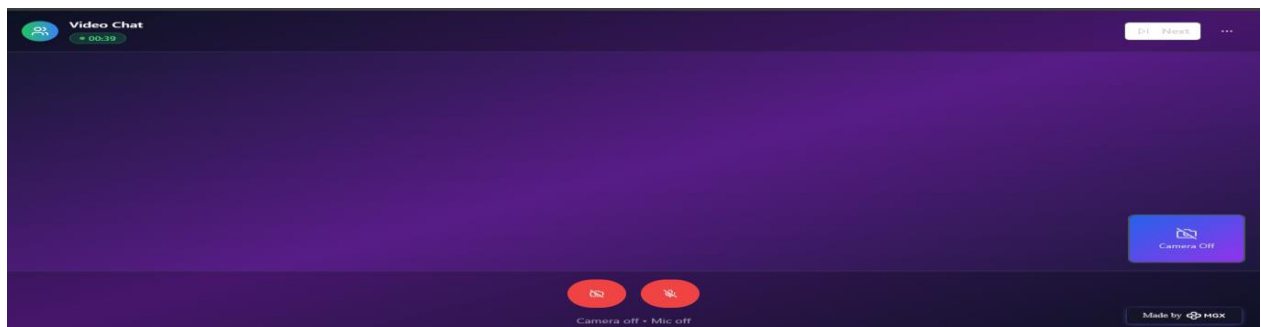


Connected with a stranger:

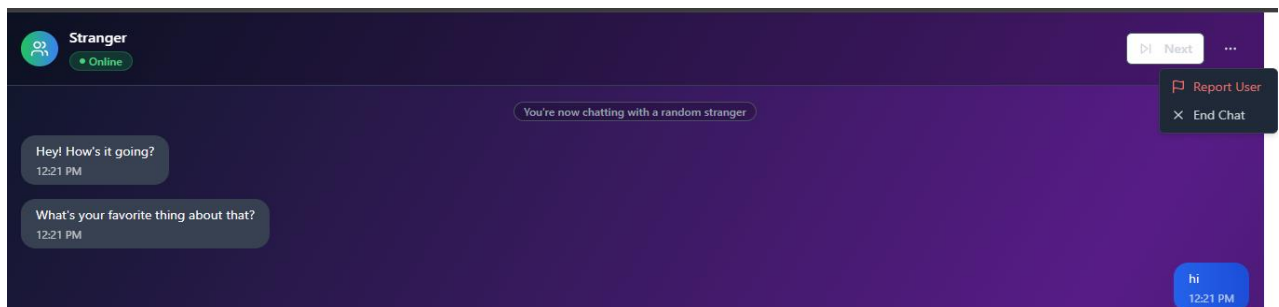




Start video chat :



Report if inappropriate:



Step 7: Test – Getting Feedback

Who did I share my solution with?

I shared my Whisper Chat app prototype with:

- **College students and young adults** – to test how easy and engaging the chat experience feels.
- **IT professionals and developers** – to get feedback on performance, privacy, and security features.

- **Psychologists and communication experts** – to understand the app’s impact on social connection and mental well-being.
- **Peers and mentors** – for design, usability, and feature improvement suggestions.

Feedback: Pros and Cons

Pros (Positive Insights from Feedback):

1. Users found the anonymous chat concept interesting and fun to use.
2. The app’s simple interface and quick connection process were highly appreciated.
3. Many felt it could genuinely help reduce loneliness and promote open communication.

Cons (Areas to Improve Noted in Feedback):

1. Some users requested better safety measures and stronger content moderation.
2. Occasional lag or connection drops occurred during random chat matching.
3. A few suggested adding interest-based matching and clearer language selection options.

My Response for The Feedback:

Whisper Chat was created using a no-code tool (**Meta MGX**) as an initial prototype. Since it’s an early version, some features like advanced moderation, smoother connections, and language customization are still limited. To fully implement these features, future updates will include AI-based content filtering, better server integration, and user verification options. The current version mainly demonstrates the **core concept, usability, and potential** of the app — creating a safe, anonymous, and engaging platform for people to connect and communicate freely.

👍 What works well:

What Works Well

- **Free and Accessible:** Whisper Chat offers completely free access with no subscription or platform charges.
- **No-Code Development:** Built using Meta MGX, the app can be easily updated or modified without any coding knowledge.
- **Anonymous Communication:** Users can chat freely without revealing their identity, promoting honest and open conversations.
- **AI Moderation:** Smart AI tools help detect and block inappropriate messages, keeping the platform safe and respectful.
- **Multi-Language Support:** Allows users to chat in their preferred language, breaking communication barriers.
- **Simple and Mobile-Friendly:** The app’s clean, intuitive interface ensures smooth chatting experiences on all devices.
- **Instant Matching:** Quickly connects users to strangers worldwide, making it engaging and easy to use anytime, anywhere.

What Needs Improvement

- **Advanced Moderation:** The AI moderation system needs to be enhanced to better detect and prevent inappropriate behaviour in real time.
- **Connection Stability:** Occasional connection drops or delays during random chats should be optimized for a smoother experience.
- **User Reporting System:** A more detailed reporting and blocking system can improve user safety and comfort.
- **Interest-Based Matching:** Adding topic or interest filters can help users find more meaningful conversations.
- **Language Expansion:** More regional and international language options can make the app accessible to a wider audience.
- **UI Enhancements:** A few interface elements can be made more visually appealing and responsive for better user engagement.

AI Tools you can use for Step 6-7:

ChatGPT/Perplexity AI/Claude AI/Canva AI/Chatling AI/Figma AI/Metamgx/Gamma AI: You can use these tools to build solutions/models or mock-up dummy prototypes

Day 4: Showcase

Step 8: Presenting My Innovation

I am presenting **Whisper Chat**, an anonymous communication app that connects people from different places through real-time text or video chats.

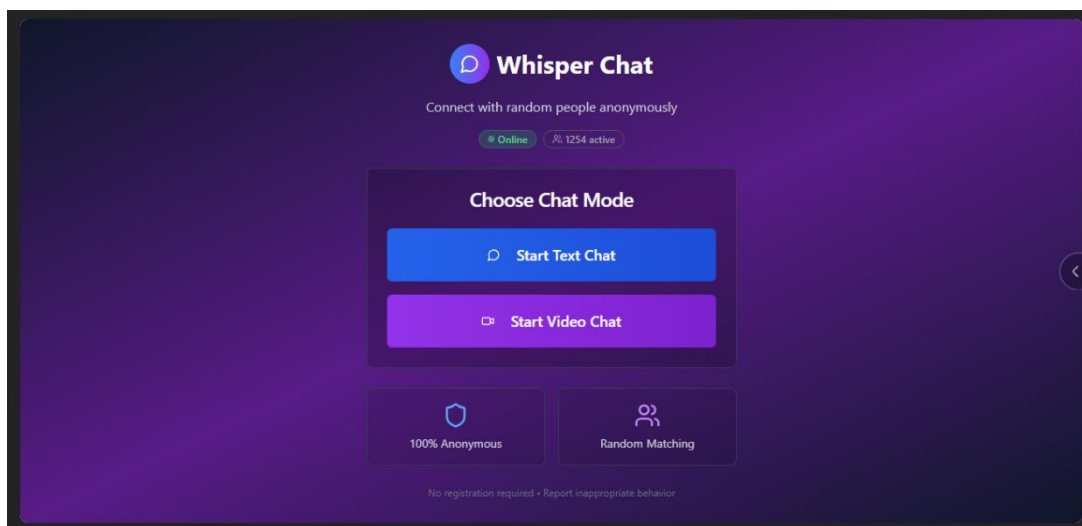
Key Features:

- **Anonymous Chatting:** Allows users to talk freely without revealing their identity, promoting honest and open communication.
- **AI Moderation System:** Ensures safety by detecting and blocking inappropriate messages or behaviour.
- **Multi-Language Support:** Enables users to chat comfortably in their preferred language.
- **Instant Matching:** Connects users with random people instantly for engaging conversations.
- **No-Code Platform:** Built on **Meta MGX**, making it easy to update, manage, and scale anytime.

Impact:

Whisper Chat helps reduce loneliness, encourages social interaction, and provides a safe space for genuine human connection. It promotes meaningful conversations while ensuring user privacy and safety.

<SHOWCASE YOUR INNOVATION TO YOUR PEERS>



Step 9: Reflections

What did I enjoy the most during this project-based learning activity?

I enjoyed building **Whisper Chat** using a no-code tool and watching my idea turn into a functional

prototype. It was exciting to design the anonymous chat interface, test the random user connection feature, and see how AI moderation could make conversations safer and more engaging for users.

What was my biggest challenge during this project-based learning activity?

*My biggest challenge was ensuring all features worked smoothly together—especially the **AI moderation system, language options, and real-time chat matching**. Working with limited resources in a no-code environment made integration and testing more complex, but it was a great learning experience.*

Take-home task

https://github.com/Dhanush2005P/whisper-chat_project-report

AI Tools you can use for Step 8:

Canva AI: You can use this to design your pitch document. Download your pitch document as a PDF file and upload on GitHub