

Tech and Options

- Mobile App
 - Web Technology → React+express, JS+Flask, PHP, ...
 - Native/hybrid → React Native, Flutter, Kotlin, Swift, Rust, ...
- Tablet App → see above
- Desktop App
 - Web Technology/hybrid → see above
- Notification
 - Web → HTML5 Notifications API (see Development Resources on the website)
 - Native → OS APIs
- Calendar
 - Library for calendar (with or without Google Calendar as support)

Tech and Options

- Camera/Microphone
 - Web Technology → HTML5 Media Capture API
- Chatbot
 1. Really hard coded → “if... then...”
 2. A little bit less hard coded (NLP Platform) → Dialogflow ES, RASA, ...
 3. GenAI → yes, you need an API key
- Uploading files within a web app
 - Frontend → “multipart” form
 - Backend → handle/save on disk the file(s) received from the frontend
- AR
 - Dedicated hardware → provided/supported native libraries and software
 - Web technology → VIRO React (React Native)

Tech and Options

- Asynchronous communication → websocket, socket.io, SSE, ...
- Charts, graphs, ...
 - Web technologies → Vega, Vega-Lite, Plotly JS, charts.js, ...
- Maps
 - Web technologies → leaflet, Google Maps APIs, Open Street Map APIs
 - N.B. Google Maps wants a credit card for registering as developer
- Board (like Miro)
 - HTML5 Canvas (with drag and drop events), e.g., react-rnd