

# child helpline system

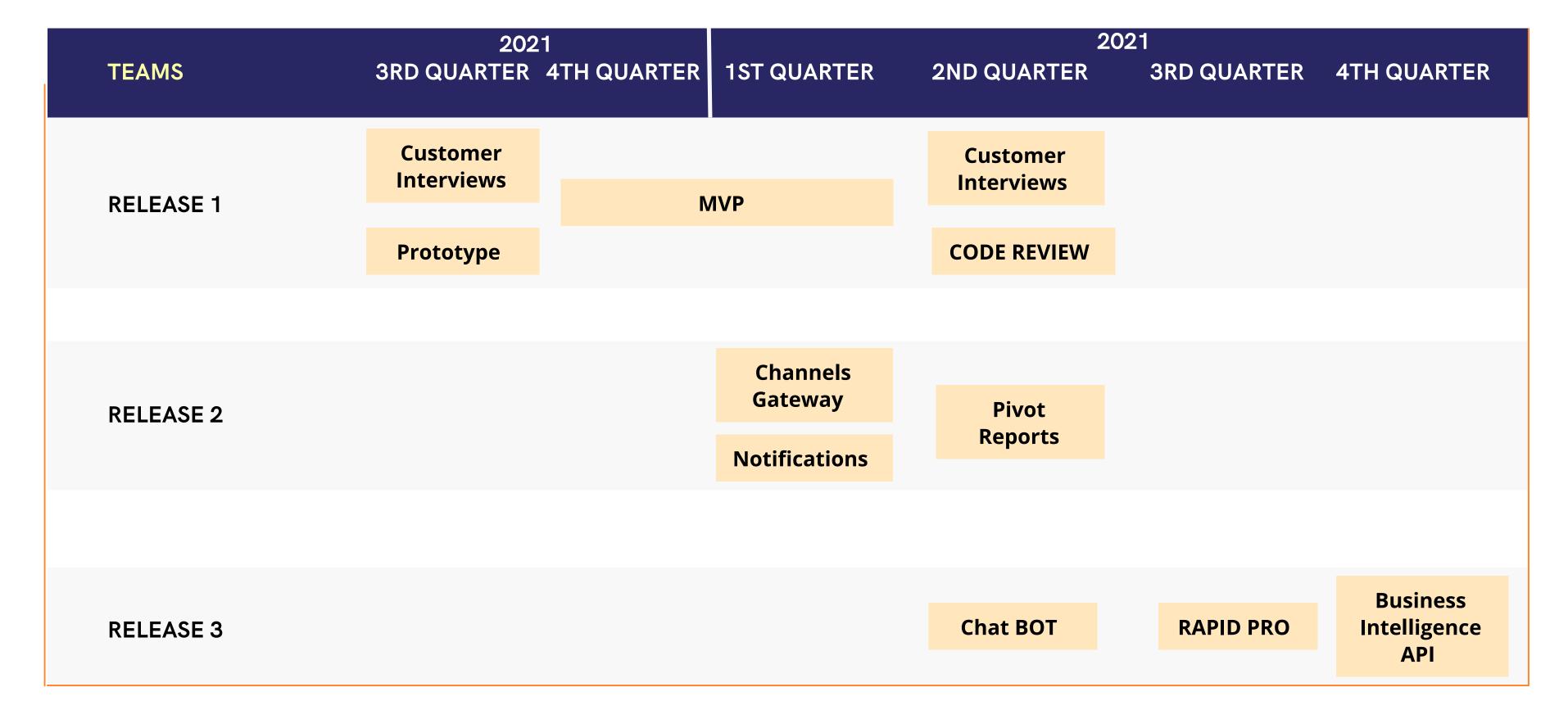


## Product Vision

To provide a platform for collecting and analyzing data on violence against children and gender-related violence. In order to broaden our common interest in the Community of Practice,



### Product Roadmap



## Tech Stack Diagram

#### Browser

Software: Chromium (also supports firefox and google chrome)

Choosen for:

- ability for create a desktop application
- webRTC support
- Webkit complies with HTML/CSS W3C standards
- Fast Javascript engine



#### **BACKEND**

REST API.

Software: PHP Script

Chosen for:

- Rapid development platform
- Similarity of syntax and libraries to

- \* Long term strategy is to develop API engine in C++ that hosted directly by the Web Server
- \* Upgrade from a CRUD to GraphQL



#### **Web Server**

Software: Nginx Chosen for:

- Easy configuration of REST URI
- Support for Websocket Connections
- \* Long term strategy is to develop own web server using C++

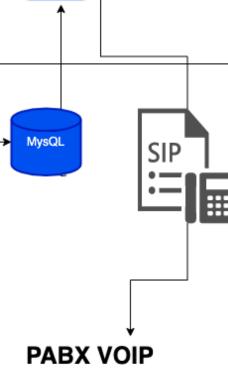


#### Server OS

Software: CentOS

Choosen for:

- Proven Stability
- Being a derivative of Redhat
- Reputation of security and stability
- \* I ong tarm etrotagy ie uca vanilla
- Ease of use and configuration



Software: Asterisk Chosen for

- Stability
- Support for SIP, E1 protocols
- Provides a comprehensive API
- Configurable to suit different scenarios



### **Contact Us**

Reach out to us for inquiries or comments.

+254 720 055 067/+254 723 457 189

**Phone Number** 

info@bitz-itc.com

**Email Address** 

www.bitz-itc.com

Website