

# GBV Chat Support — Project Overview

**App Name:** VEA – Violence Ending Agent

The GBV Chat Support application aims to provide a safe, confidential, and approachable platform for individuals experiencing gender-based violence. The solution offers guidance, emotional support, and discreet access to help, using a design framework that protects user privacy.

The application is disguised as a menstrual tracking tool, ensuring safety for users who may be monitored or controlled by another party.

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## Core Features

### • AI-Powered Chat Support

Users interact with an intelligent assistant (**Roboerta**) that provides comfort, guidance, and supportive responses that reduce feelings of shame, guilt, or hesitation.

### • Red-Flag Detection & Alerts

When dangerous patterns or keywords are recognised, the system can contact verified helpers, such as:

- Registered and qualified support personnel
- Therapists or counsellors
- Where legal and safe, relevant authorities

Important: Alerts are designed for safety, not surveillance. Red flags only trigger the minimum necessary information to the closest support individual.

### • Context-Sensitive Advice

The platform offers personalised guidance based on the user's situation and type of abuse, helping them understand options and potential next steps.

Supports scenarios including:

- Emotional abuse
- Physical violence
- Stalking
- Financial control
- Coercion

## • Process Guidance

Clear, step-by-step, pressure-free explanations of processes, including:

- Reporting pathways
- Accessing support services
- Medical assistance
- Evidence collection
- What may happen after disclosure
- Accessing shelters

Users remain in control throughout.

## • Awareness & Prevention

Educational content supports safety by helping users recognise:

- Spiked drinks
- Manipulation and coercion
- Isolation patterns
- Gaslighting
- Threat signs
- Digital safety and avoiding unwanted surveillance

## • Peer Support Community

Users may connect anonymously with other females for emotional support, building trust, shared experiences, and encouragement.

## • Discreet Menstrual App Disguise

The primary interface functions as a **menstrual tracker**, with hidden support areas:

- Code on calendar
- Pattern swipe
- “Symptom logging” opens support

This ensures privacy and minimizes suspicion.

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## Designs

(No design content added here — reserved for future wireframes, Figma, or visual elements.)

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## Leadership and Team Structure

## Project Leadership

- **Jawahier & Nooriya** will co-lead the project, as the concept originated from them and aligns with their skillsets and strengths.
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## Roles and Responsibilities

- **Jawahier — Project Manager & Leader / Frontend Developer**  
Responsible for:
  - Overall coordination and planning
  - Presentation and demo content
  - Managing project direction
  - Supporting frontend implementation
- **Nooriya — Leader / Designer / Lead Frontend Developer**  
Responsible for:
  - Detailed planning and niche feature decisions
  - Visual/UI design
  - Frontend implementation
  - Co-creating slide deck, demo video, and presentation
- **Nikita — Frontend / Backend Developer**  
Responsible for:
  - Supporting both frontend and backend
  - Ensuring features work as intended
  - Aligning implementation with design and user workflow
- **Moegamat — Lead Backend Developer**  
Responsible for:
  - Backend architecture and server logic
  - Data handling and integration
  - Enabling demo functionality and chat behaviour
  - Ensuring stability and safety for prototype features

Together, Jawahier and Nooriya will prepare the presentation and demo video, while Nikita and I will focus on coding and prototype behaviour for demonstration.

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## Technical Stack

Languages and technologies to be used:

- React
- JavaScript
- HTML
- Python

This ensures rapid development, browser-based demo capability, and a flexible foundation for AI integration.

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## Dummy Characters for Demo

- **Annies** — Dummy user for testing and demonstration
  - **Roboerta** — AI agent during prototype phase
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## Prototype Strategy

- Hard-coded logic initially
  - AI will be integrated later, after the workflow and red-flag triggers are verified
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## Workflow / User Flow

**Theme:** Purple & Pink

**Flow Sequence:**

1. Login
2. Menstrual cycle interface
3. AI support triggered when needed

This keeps the system safe, natural, and discreet.

Jawahier wants to do frontend hence both Nooriya and her will focus on design and presentation. They are using Figma if need be.

Moegamat needs to make the flow and send to Jawahier to ensure that it ok then have a chat with Nikita how we split the workload.

Also Nooriya, Jawahier and Nikita need to join devpost so we can be looked as a team so they can get their awards if necessary when we win!