

Adoption Plan

We are the BugHunters team, and we developed the Aurora V app using MIT App Inventor with the goal of supporting women who may be experiencing different types of violence, such as physical, verbal, psychological, or sexual. The app was created to raise awareness about these situations and also to offer support for those who often do not have someone to talk to or do not know where to seek help. Aurora V includes features such as an emergency button, an information section to help recognize warning signs, and an AI chat where users can ask questions or talk. The app is completely anonymous, with no login or registration required, ensuring greater safety and privacy.

To promote the app, we presented the idea to our parents, classmates, and teachers so they could better understand the project and share their opinions. Some team members also shared the app in family group chats, which helped us reach more people. In addition, we showed the app to our mentors' colleagues, increasing the number of views and receiving different suggestions.

With family members, we used two approaches. For those who live in other cities, we sent messages explaining how the app works and shared the final APK file. For those who live with us, we gave a practical demonstration by connecting the app in development to a phone using MIT App Inventor and showing how to use it. This allowed them to test versions of the app during the development process as well as the final version. This helped them better understand the idea and ask questions at the moment.

So far, 12 people have used the app. To collect feedback, we created a Google Forms survey with questions about app usage, design, ease of use, difficulties, and suggestions. We also gathered some information about the users who participated in the testing.

Most people liked the app: 9 out of 12 gave it the highest rating (5 stars), and all of them considered the app easy to use. In addition, 91.7% believe that an app like Aurora V can help women in situations of violence. An important piece of feedback came from one team member's mother, who said the app was very good and matched its purpose, but pointed out issues with the chat. At first, the chat had problems handling sensitive content because the AI from MIT App Inventor could not always respond properly, which sometimes caused the app to stop working. This issue was mentioned by many users. To solve this, we adjusted the AI's behavior using the "system" function in MIT App Inventor, adding clearer instructions on how the chatbot should act, especially in sensitive situations. We also added alternative responses in the code to prevent failures. Now, when there is a limitation, the app shows a message explaining that the content may be sensitive and offers a button to call "180", which in Brazil is a public service provided by the federal government to support women in situations of violence, offering information about rights and nearby

support services. The app also allows the user to send another message. These improvements were essential and came directly from user feedback.

To expand the use of the app, we plan to invest in promotion through social media and communication apps, which are accessible and widely used in everyday life. This will allow us to reach more people quickly and easily. We also plan to seek partnerships with organizations that already provide support to the population. In Brazil, there are services such as CRAS (Social Assistance Reference Centers), which support families in vulnerable situations, and CAPS (Psychosocial Care Centers), which provide mental health care. These institutions can help promote the app to women who truly need this kind of support, especially those with less access to information.

To convince people to use the app, we plan to present data and information about the reality of violence against women, highlighting how it can affect both physical and mental health. This way, we can show the importance of Aurora V and how it can be a useful tool for support, guidance, and care during difficult moments.