



# Mobile Application User Guide

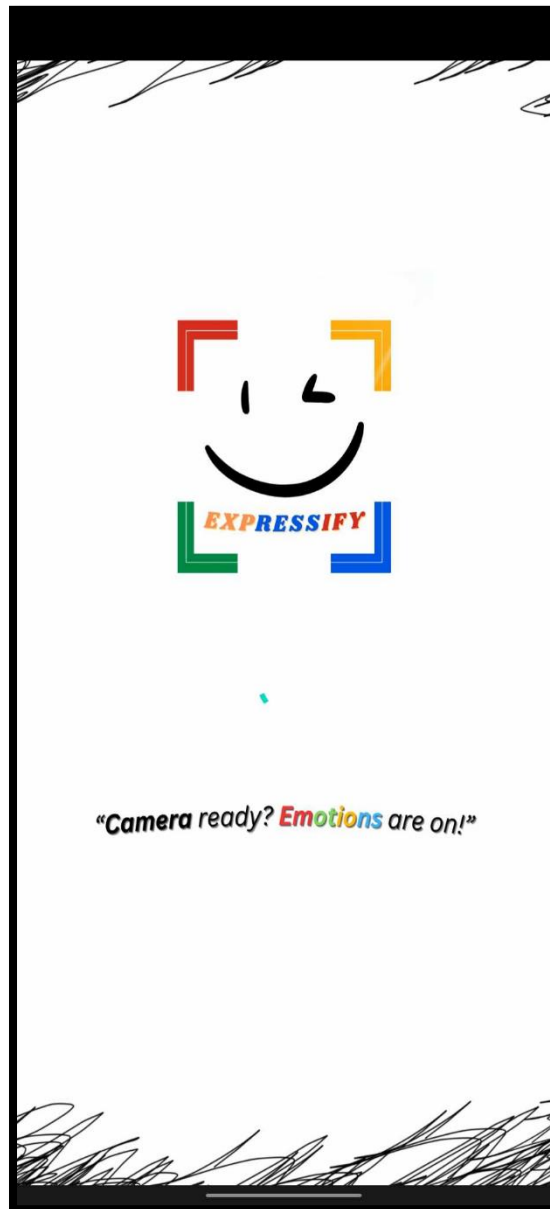
## Introduction

The Expressify is an app that recognizes and interprets human emotions through your camera phone or in short, A Face Expression Detector. The app uses machine learning algorithms to identify emotions like happiness, anger, neutral emotion, fear, sadness, and surprise in real time. Expressify is still in alpha development, and yet this interactive camera tool can entertain you while also providing insights into your mental state. The Expressify user-friendly app is compatible with all android mobile devices.

## Expressify User Manual

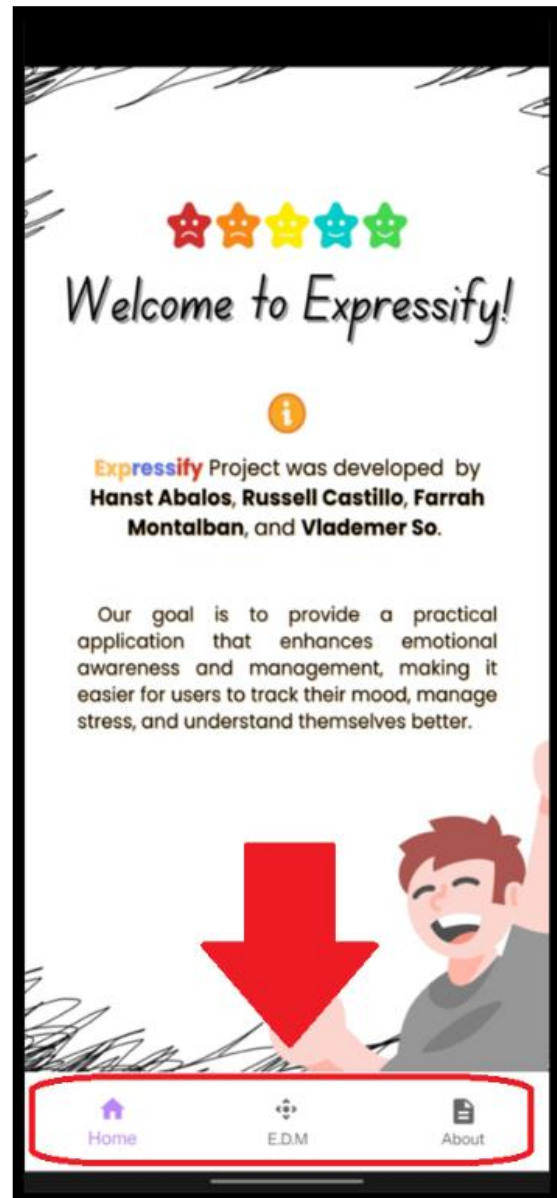
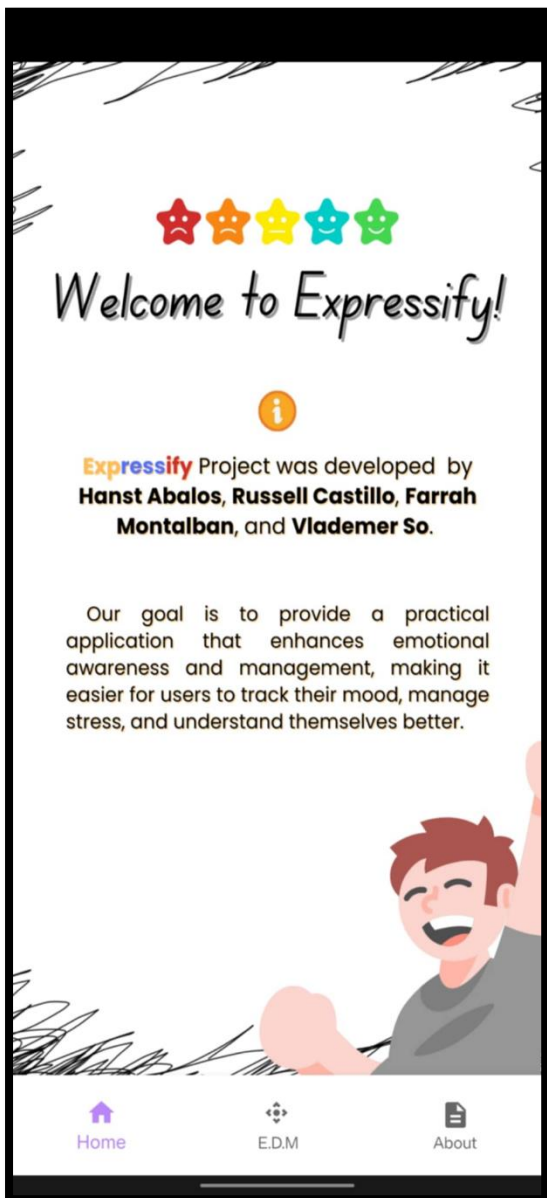
### 1. Splash Screen

- Upon opening the app for the first time, users are expected to see a splash screen ( Loading Screen), where the application logo and slogan can be seen.



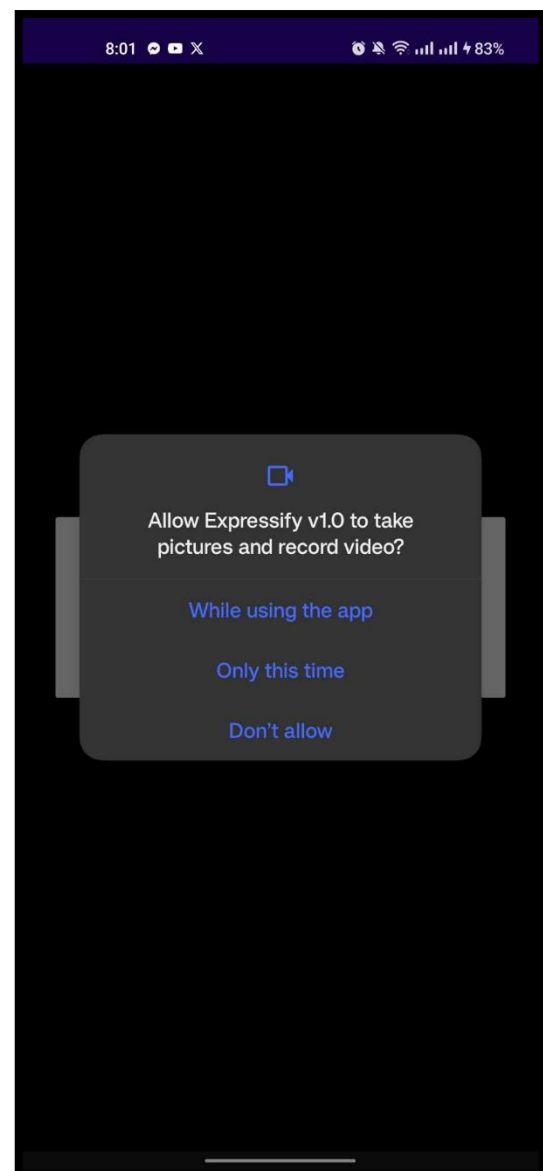
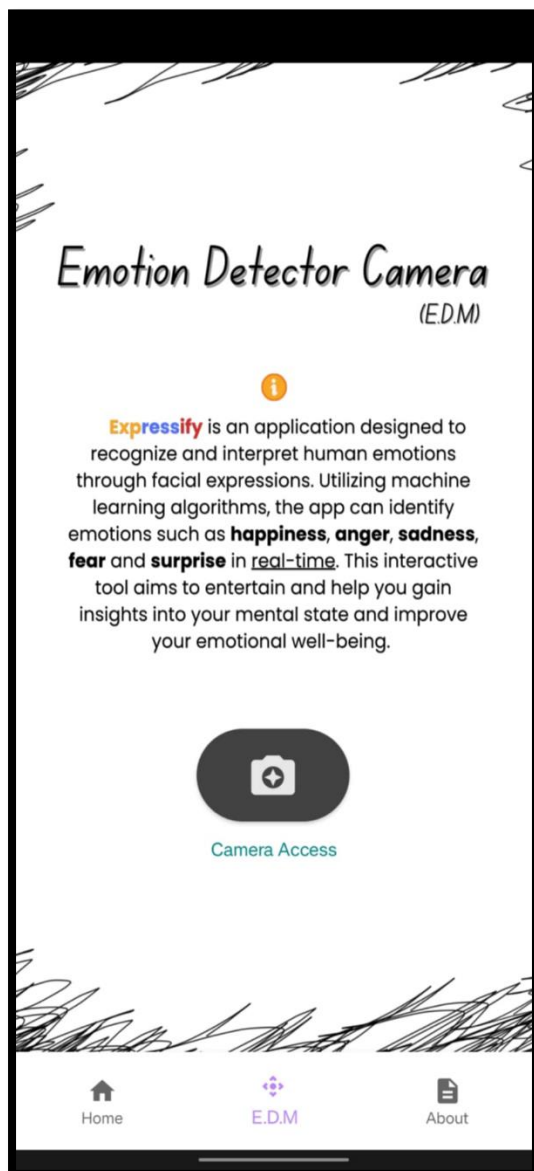
## 2. Home Page

- After the splash screen is done, the user will be redirected to the home page and will be greeted with a warm welcome and information about the developers and their goals.
- Users can now explore the app with the bottom navigation menu.



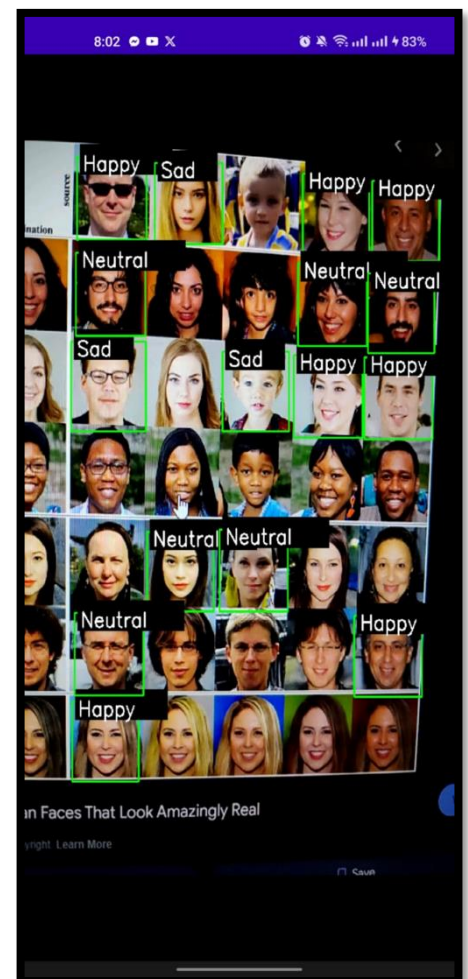
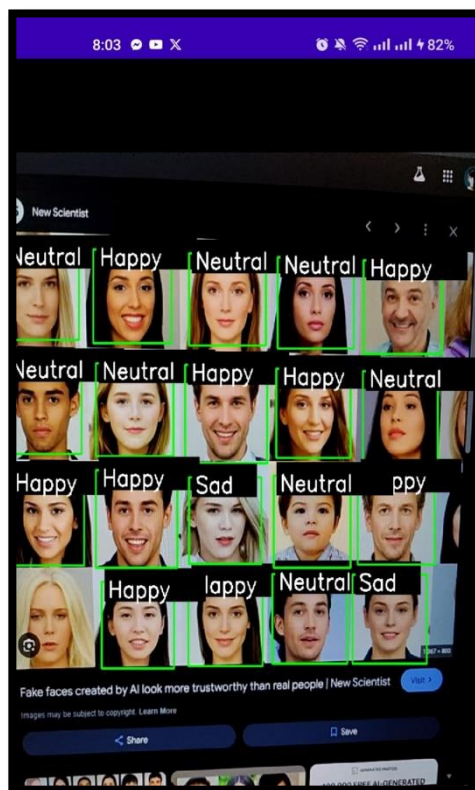
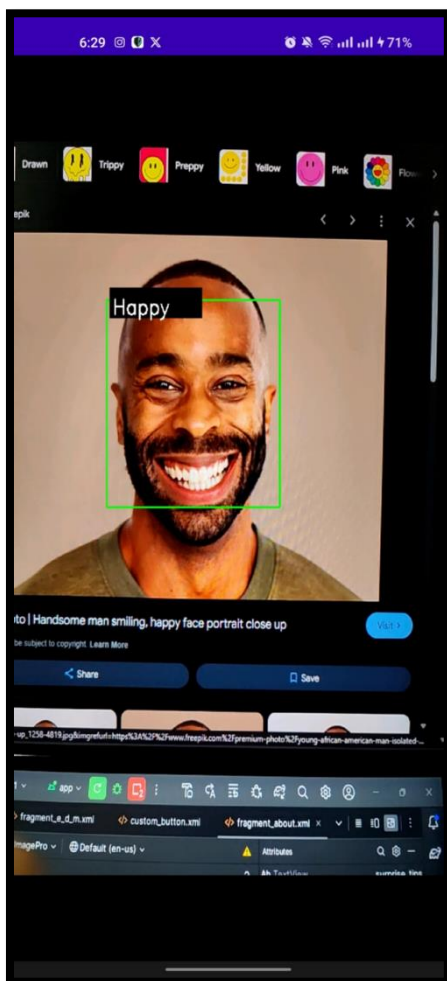
### 3. Emotion Detector Camera(E.D.M) Page

- The EDM page is where the user can access the main activity. On this page, it will give the user information about the capabilities of the app. You can also see a gray button with a camera icon in the middle.
- Upon tapping the button for the first time, the app will ask the user for access to the camera; upon allowing, the system might go back or might need to restart the app to make the changes take effect (one-time only, unless you deny access).



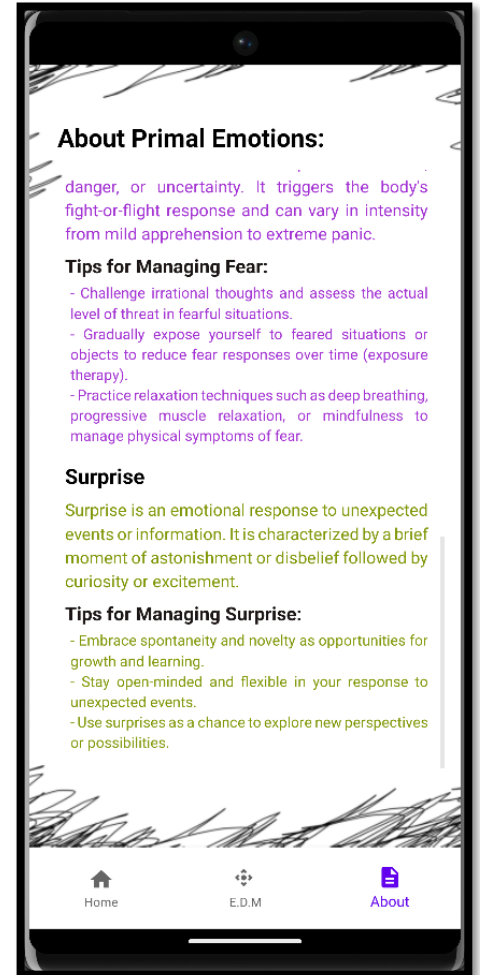
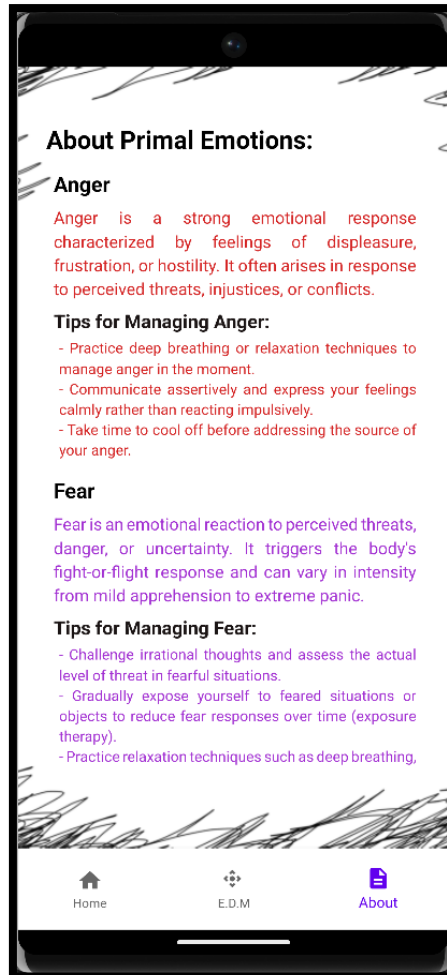
#### 4. The Camera Function

- Upon opening the camera, the user may be able to move freely with their rear camera and try to detect faces around them. The camera should be able to predict and tell the emotion of the face within the camera frame.
- The camera can detect multiple faces and tell their emotions but expect for frame drops and an inaccurate result if there are many faces in one frame.
- The user can exit the camera mode by pressing the back button of their phone or the home button.



## 5. About Page

- The about page is a description of the primal emotion and few tips how to manage those emotions well, so that young users can gain knowledge and insights about the it.



## Conclusion and Future Updates:

Expressify represents an innovative approach to understanding human emotions through real-time facial expression detection. As we continue to develop and refine Expressify during its alpha stage, we aim to enhance its functionality and user experience in several exciting ways.

Future updates will include the introduction of the Emotion Classifier Module, a powerful new function designed to provide users with detailed insights into their emotions. With the Emotion Classifier, users can capture their emotions in real-time and receive personalized suggestions on how to manage and improve their emotional well-being. Each emotion detected will be accompanied by a thoughtful quote to inspire and motivate users on their emotional journey.

In addition to the Emotion Classifier Module, we are committed to:

1. Improved Accuracy and Performance: Enhancing the app's ability to accurately detect and interpret emotions even in varying environmental conditions and with multiple faces in the frame.
2. User Interface Refinements: Streamlining the user interface for intuitive navigation and a seamless user experience across different Android devices.
3. Additional Features: Introducing new features and tools to further enrich the user experience, such as emotion trend analysis, personalized insights, and compatibility with a wider range of Android devices.
4. Feedback and Support: Continuously listening to user feedback to address concerns, improve features, and ensure a robust, reliable app that meets the needs of its users.

Our team remains dedicated to delivering an app that not only entertains but also provides valuable insights into emotional well-being. We invite you to stay connected and provide your feedback to help shape the future of Expressify.

For any inquiries or assistance, please don't hesitate to reach out to our team at:

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Thank you for joining us on this journey to explore emotions through technology with Expressify.