

1. Project description

HeartSteal is an app that allows users to quickly capture photos, and privately share those moments directly within the app. This will be a simple yet emotionally rich way of communication that helps strengthen bonds between close individuals, whether it's friends, partners, or family members. HeartSteal targets young users, primarily high school and university students, as well as people aged 16 to 40.

The app will be developed as a mobile-first platform, available on Android, ensuring that users can stay connected wherever they are. The admin interface will be web-based, not mobile, allowing administrators to manage the system more efficiently via desktop or browser access.

2. Features

2.1. For Users

Capturing Photos

- **Photo Capture & Sharing:** Users can take photos directly within the app using their device's camera and share them instantly.
- **Premium Access:** Premium users can also upload existing photos from their device and selectively share them with chosen friends.
- **Interactive Posts:** Each shared photo becomes an interactive post where recipients can react with a **heart**.
- **Emotional Responses:** Friends can reply with emotional reactions or short messages in the response box to express how the photo makes them feel, creating more personal engagement.
- **Inappropriate post report:** Users can report inappropriate post for admins to view.

Chat

- **Real-Time Messaging:** A core feature allowing users to chat privately and instantly.
- **Content Support:** Users can exchange text messages, photos, and emojis.
- **Additional Chat Features:**
 - React to messages
 - Block friends

Friend Management

- **Friend Adding:** Users can add friends quickly via **QR code** or **invitation link**, simplifying the connection process.
- **Friend Limit:** Regular users can add up to **20 friends**, while premium users can add up to **60 friends**.

Account Management

- **Sign Up & Log In:** Users create an account using a unique username and a secure password. After registering, they can log in to access personalized content and connect with friends.
- **Multiple Accounts:** Users can log out and switch accounts, allowing multiple accounts on a single device.

Notifications

- The app sends real-time notifications for:
 - New friend requests
 - New messages
 - Other important activities

Profile

- **Personal Customization:** Users can change their avatar and nickname.
- **Friend Management:** Add or remove friends directly from the profile section.

Settings

- **General Information:** Options to edit display name, birthday, and phone number.
- **Support:** Users can report bugs or send suggestions to the developer team.
- **Account Deletion:** Allows users to delete their account if they choose to stop using the app.

2.2. For Administrators

Suspend User: Temporarily restricts access to the app.

Delete:

- **User Account:** Permanently removes the user's account and all associated data from the system.
- **Photo:** Removes a specific photo from all areas of the app where it appears (profiles, posts, chat,...)

Analytics:

- **User Session Duration:** Tracks how long a user actively uses the app during a session.
- **Usage Frequency:** Measures how often a user returns to the app (e.g., time between sessions or average sessions per day).
- **Profit:** Tracks how many users have a subscription to premium.

View reports from Users: Displays reports or complaints submitted by users regarding content, profiles, or interactions.