

Bema MVP - Developer Report

Adobe XD Design File:

SnapKit API Reference - <https://docs.snapchat.com/docs/api/ios>

SDK Downloads - <https://docs.snapchat.com/docs/downloads>

Splash screen - Would like to add a basic animation to show that the app is loading. Possibly have the middle circle have a movement showing the app is loading.

Sign up or Log in - Option for user's to sign up or login through Snapkit integration. This will give us access to user's bitmoji and provide a quick and simple on ramp for signing up or logging in.

<https://docs.snapchat.com/docs/login-kit>

After a user has created an account they will be able to add an additional security layer with **facial ID**. This is be default setting but user will have option to turn on or off inside settings. Every time a user opens the app facial ID will make sure it is the user accessing the account.

Snapkit Bitmoji SDK for access to Bitmoji and able to send stickers within the app.

<https://docs.snapchat.com/docs/bitmoji-kit>

Linking to Trust Wallet - A pop up that ask for permission to access photos. A photo will be saved to their camera roll that has a QR to link to Trust Wallet. Next screen will ask user to open Trust Wallet and link to WalletConnect with the QR code photo that is saved in their camera roll.

Users will get a popup shortly after they signup and browser through the app. If they decide to skip this step then they will occasionally receive a popup encouraging them to link to Trust Wallet. **The next developer when do all the backend support for connecting to Trust Wallet. You'll just need to setup the UI and flow.**

Messaging - The home page will have half of it dedicated to viewing recent messages. User's will be able to talk with friends and send them tokens in AR through placing their friend's bitmoji in a photo or video.

At the top there will be a search button where you can search for other users to message. Features will include sending pictures/videos, along with traditional text feature.

Settings page - When click on user's profile picture it will take them to the setting page. Here they will have the option to edit profile, edit bitmoji (brings to snapchat), manage wallet, settings, logout and invite a friend.

The prototype video should explain it but let me know if you have any questions. I don't have terms and conditions writing yet but for now just placeholder text will work.

Edit Avatar - Redirect to Snapchat to edit Bitmoji.

Wallet Features/functionality - Will have a crypto wallet but you will only need to create the UI components and flow of the wallet. The actual backend support for sending the tokens will be done by another developer after the app is completed.

Facial ID will happen to authorize sending tokens.

The prototype video should explain the functionality but let me know if you have any questions.

Send Token/collectible through AR - From the home screen if a user clickers on the middle circle inside bottom toolbar. It will take them to sending a token screen. This is where they will be able to select a user a put that user's bitmoji/sticker in AR. They will be able to take a photo/video or pick a photo or video from their camera roll. After selecting which user and picking which bitmoji sticker, they will select which token along with the amount and send tokens in AR

Once the user, token and amount is select they will be able to send to the user. Facial ID will pop up to confirm that they are the owner of the account.

The next developer will add backend support for sending tokens - you will just need to create the UI and flow.

The AR bitmoji/tokens will show up inside of messages.

The prototype should help explain the functionality.

Notifications inside message - Tokens that have been sent to you, and new people that followed you will show up inside messages.

Needs for database - User's account tied to their username. Profile photos and prompt cards with answers connected to user's account.

Tabs - Notice how when in a given tab the button icon has a light green border showing the user which tab they are on.

Profile Pictures and Usernames - I didn't design it consistent but everyone that signs up with snapchat will automatically have their profile picture as their bitmoji unless they manually change it.

All usernames will be with the username the user creates when signing up or their default snapchat name.