

Custom project progress report

COS30017 Software Development for Mobile Devices 2023

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Overview of project

My project is a cryptocurrency app using Android Development with Kotlin. Like many typical apps in the market, such as CoinGecko, Coinbase, Kraken, etc., my app has some basic functionalities as follows:

- User authentication: The app allows users to create accounts, log in with them, or reset their password in case of forgetting.
- Wallet managing: It also creates and manages cryptocurrency wallets for different cryptocurrencies, e.g. Bitcoin, Ethereum,
- Viewing transaction history
- Buy and sell cryptocurrencies as will.

Weekly reports

Week 7

[NOTE: as of week 7, if you have not completed Core 1, not submitted Core 2, or not completed the discussion tasks (either forgot or were marked unsatisfactory), you will also need to justify why you

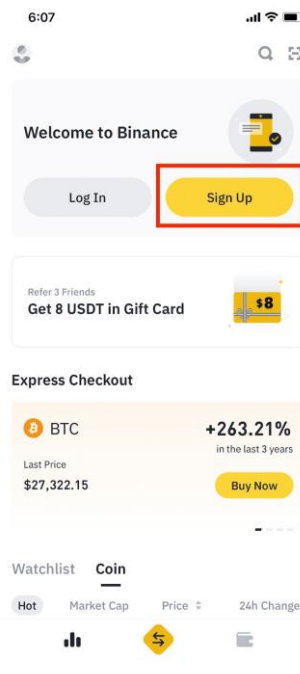
should be encouraged to continue with a custom project. There is no point focusing on this task when the basics are not complete and your progress report will be marked as incomplete.]

In this step, I focused mainly in searching and referring to the cryptocurrency applications on the market, especially those available on the Android platform:


- Coinbase: In my opinion, this app has an user-friendly interface, ideal for beginners. It offers a secure and regulated platform for buying, selling, and managing cryptocurrencies.








- Binance: This offers not only a wide range of cryptocurrencies for trading, but also additional features like advanced charting tools. It's one of the most popular app among experienced traders.



- Kraken: I firmly believe that this app is well-known for its strong security features, providing access to a variety of cryptocurrencies and trading pairs.



Get cryptocurrency prices for EUR		
145 assets.		
<input type="text" value="Search all cryptocurrencies"/>		
	Bitcoin BTC	€39,971.10 -4.09%
	Ethereum ETH	€2,968.78 -3.69%
	Tether USD USDT	€0.92 -0.06%
	USD Coin USDC	€0.92 -0.07%
	Terra LUNA	€100.26 -6.91%

In the following week (Week 8), I think I will try to complete the Authentication feature of the app (Login/Signup). I prefer to use the Google Firebase's authentication functionality.

Week 8

[NOTE: as of week 8, if you have not completed Core 1, not submitted Core 2, or not completed the discussion tasks (either forgot or were marked unsatisfactory), you will also need to justify why you should be encouraged to continue with a custom project. There is no point focusing on this task when the basics are not complete and your progress report will be marked as incomplete.]

Week 9

[NOTE: as of week 9, if you have not completed Core 1, not completed Core 2, or not completed the discussion tasks (either forgot or were marked unsatisfactory), you will also need to justify why you should be encouraged to continue with a custom project. There is no point focusing on this task when the basics are not complete and your progress report will be marked as incomplete.]

Week 10

[NOTE: as of week 10, if you have not completed Core 1, not completed Core, not submitted Core 3 nor an extension task, you will also need to justify why you should be encouraged to continue with a custom project. There is no point focusing on this task when the basics are not complete and your progress report will be marked as incomplete.]

Week 11

[NOTE: as of week 11, if you have not submitted/completed all other Core/Extension tasks, you will also need to justify why you should be encouraged to continue with a custom project. There is no point focusing on this task when the basics are not complete and your progress report will be marked as incomplete.]

Level 1: Design evidence

Level 2: App evidence

Level 3: Extended research evidence

References