

Worker Union Support

Retailers App

December 14, 2020

Specification Study

1. I got a website (<https://letyshops.com/>) using the same functionality we are trying to make in our app.
2. The main thing in this app was that this app uses **affiliate programs** issued by Flipkart, Amazon, etc. to give its customer cashback.

Make Money
by becoming a Flipkart Affiliate!

JOIN NOW FOR FREE

Drive traffic from your website / mobile site / mobile apps to Flipkart and earn **commission** on every purchase



3. There were specific commissions for each product.

COMMISSIONS

[View More](#)



6 -12%
Books



6 -12%
EBooks



Upto 5%
Mobiles



Upto 6%
Computers



6-20%
Toys



Upto 4%
Cameras

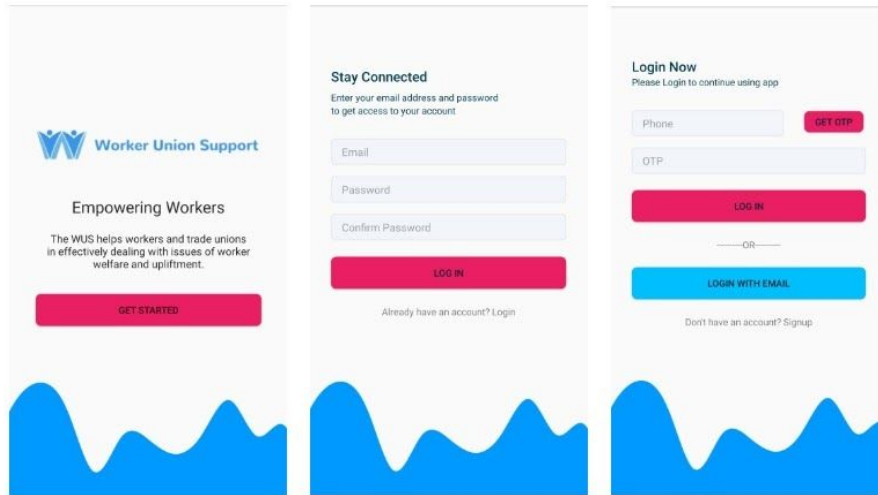
4. So we can register on these platforms as an affiliate and whenever the user clicks on the website using our app he/she will get discounts as given by the websites. The affiliate link is always the same.
5. After researching, I got to know that Amazon doesn't provide the coupon code for driving the traffic onto there instead they use the affiliate registration and treat us like affiliate marketers.

Goals

1. **Generating popup when a user goes on the website:** Due to amazon does not provide coupon codes so I think there is no need for creating a POP up for the coupon code. Instead, we can use the same method the <https://letyshops.com/> is using.
2. **Virtual ID login on the e-retailer website:** After researching many websites and apps on the play store I got to know that there is no way of logging in the user through the virtual id of our app, so the user has to use his/ her own virtual ID only but whenever he/she clicks through our website then only he/she will get the discount.
3. **Discounts criteria as on letyshops:** Discount criteria on letyshops is that the user will only get the discounts if he/she is already logged in into the letyshops portal and he goes to the e-retailer platform using the letyshops website only. If user goes to the website through amazon itself he/she will not be applicable for the discounts. The user will get the discounts in his/her portal wallet and not in amazon website.
4. **How to check the user has bought through our app:** There is a separate portal for the affiliate marketers so that we can check who had bought through our app.

Project Requirements and features

1. What kind of UI/UX it will have



2. What libraries will be used?

We will be using open source libraries like -

- <https://opentdb.com> - for our quiz functionality or any other open-source.
- <https://material.io/> - for creating the home page of the app it is an open-source library by google.

3. What all languages will be used and for which features?

- **XML** - For creating the front end of the app which will be displayed to the user.
- **Kotlin** - For Bank end processing like when the user clicks or does something to the app so this language will be used to create app functional.

4. What databases will you be using?

- **Firebase** - We will be using firebase as our database as it provides the security of Google and is free to use and it fast enough (300-600ms response time).

5. Any requirements from your side to access any cloud services?

- No, not any cloud services requirement is necessary for this project.