



Congratulations for making it this far!

E-Wallet System

Introduction

In line with the cashless economy in Rwanda, XYZ company based in Kigali wants to bring an e-wallet system to the local citizens. XYZ would like you to design and implement this solution as a software developer with **your preferred technologies**. XYZ IT business analyst has provided a few requirements for their system:

Business Requirements

- The system should allow users to create an account (**Every new user should have an initial balance of RWF 1,000 as a new account bonus**)
- Users should be able to send/receive e-money in their wallets
- Sending e-money, the following transaction fee should be deducted from their wallets
 - Rwf 1 - 10,000 (no transaction fee)
 - Rwf 10,000 - 100,000 (transaction fee of Rwf 200)
 - Rwf 100,000 - above (transaction fee of Rwf 1,000)
- Bonus points if you include additional features

Technology Constraints

As mentioned in the introduction, there are no technology constraints in this solution. You can use whatever technology you want as long as it serves the right solution.

Demonstrating your solution

Demo

Could you think of us as XYZ company? We would like you to demonstrate the application or service you've built.

Codebase Walkthrough

Think of us as a new developer that's joined your team. help us to get up to speed by explaining how you approached the problem and structured your application.

Q&A Session

We'll have a small session to ask why you did things a certain way.

Submitting your work

Before you send us your work, please consider the following:

- ☐ Push your codebase to Github, Gitlab or Bitbucket
- ☐ Send us an email with a link to your repo on Github, Gitlab or Bitbucket

<GOOD LUCK/>