

Popleads Recruitment Project

Project: We want you to develop a wallet web application(Frontend & Backend). In this application, end-users can buy currency with the recent exchange rates after successful login/registration. The system should support three different currencies (₺, \$, €). Every user has their own wallets for each currency, and in this wallets they have money. After successful registration users have default 20.000 ₺ in their lira wallet. Users can use this money to buy currencies. For example, the user has 1.000\$ in his dollar wallet, and 500€ in his euro wallet and 15.000₺ in his lira wallet. If the user bought 200\$ using the TL wallet, this amount should be added to the dollar wallet, and the converted amount from the lira wallet should be reduced, and vice-versa. You can use the free API of <https://exchangeratesapi.io/> to get the recent exchange rates. There must be a history page where user can see their movement history since the start. For example, If a user buys 5.000\$ with his/her lira wallet, it should be listed. This application is the only simulation, no real money movements are needed.

Technical Expectations:

Backend:

- Backend part of the project must be an API, and it must written in JAVA.
- The project must be a Maven project. All jar files should be installed with Maven.
- Usage of a Tomcat server is a must.
- All exchange conversions must be made at the backend.
- All request must be in a format of JSON.

Frontend:

- All requests must be handled with AJAX.
- Usage of Bootstrap is a must.
- The site must be mobile responsive.
- You can make your own design.
- All request must be in a format of JSON.

Bonus: Usage of React.js or Angular.js is a bonus.

Important: All SQL create commands should be included. Eclipse must be used as the IDE. You should version and deliver your project from <https://bitbucket.org>. Bitbucket is a Git service, and its free.