



eWallet transactions

Money transfer thru online wallet

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2022



MICROSOFT PARTNER | ISO 9001:2015

SOHAMGLOBAL

Training | Projects | Internships

Develop a multiuser application to perform online wallet based transactions. Use best programming practices to ensure quality and security of project.

Digital Wallet: A digital wallet also known as "e-Wallet" is an electronic device, online service, or software program that allows one party to make electronic transactions with another party bartering digital currency units for goods and services. This can include purchasing items on-line with a computer or using a smartphone to purchase something at a store. Money can be deposited in the digital wallet prior to any transactions.

USER:

- Register and create account
- Upload profile photo
- Upload Aadhaar card as KYC document
- Application will allocate a unique 6 digit wallet ID after uploading KYC document
- Login with UserID and password
- Show profile photo on home page
- Show walletID and wallet balance on the users home page
- Add money to the wallet
- Transfer money to friends using their walletID
- Pay bills for (transfer to company)
 - electric bill
 - mobile recharge
 - fasttag recharge
- Reject transaction in case of low balance
- Send transaction acknowledgement email to registered emailID
- Give cashback of Rs.50 for transactions above 1000
- Maintain log of all add/transfer transactions in the DB
- Show Transaction Log Report of the user
- Search transactions of a certain date/month
- Search transactions to a walletID
- Change password
- Recover password
- Session tracking on each page
- Logout

ADMIN:

- Login
- Search userID and view KYC document
- Add payment company like vodafone for online transfers
- Generate company wallet ID
- Daily Report - total users joined, total transfers, total money added to wallets
- Activate/deactivate userID
- Change password
- Logout

REST API

Create and host a RESTful web service (API) that receives walletID and returns the wallet balance in JSON.

Tools to be used:

JAVAAEE

- Programming Language - Java 17 (LTS)
- Database - MySQL 8 on the cloud
- Server Programming - JDBC, Servlets, JSP, Beans
- UI tools - HTML5 with Bootstrap CSS on each page, AJAX
- IDE - Eclipse 2021/2022
- Web Application server - Tomcat 9/ WildFly 24
- No MVC to be used for this module

Microsoft.NET

- Programming Language - C#
- Database - Microsoft SQL Server 2019
- IDE - Visual Studio 2019

- Development tools - ASP.NET WebForms, ADO.NET
- C# Component classes compulsory
- No MVC to be used for this module

Points

- We have provided guidelines. Use your own ideas and innovation while development of the application.
- This has to be developed by you or your group without any technical/coding support from SohamGlobal
- Only operational queries will be entertained
- Develop the first module in the given time
- For submission - Register on github.com
- Create a github repository for the first internship module
- Upload PDF of the database schema
- Upload ZIP file of the project
- Demo of the project will be in office. In special case demo will be taken online on Microsoft Teams.
- Your laptop will be connected to the TV via HDMI and each member has to demonstrate a part of the project
- After successful demo of the first module, you will receive **OFFER LETTER** on our official 'Microsoft Partner - ISO' Letter Head. Sample document attached.
- Next MVC module will be allocated on successful completion of the first module
- For any queries- **WhatsApp Sharayu Ma'am 7391966656**

Technology is power. Technology is future.