



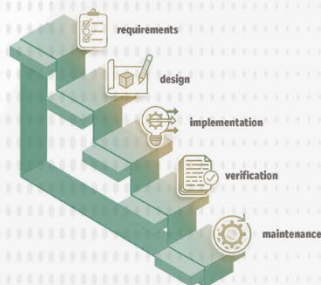
Introduction:

The AEBank is a third-party application classified as an open banking system under which banks open up their application programming interfaces (APIs) aimed for this people in society who are interested in finance, or savings. AEBank allows for the sectors to manage their money in one software to the maximum extent possible, allowing them to handle all their bank accounts in the Saudi Arabia in one application to give a better personal finance.

Features:

- 1-Combine all bank accounts in one dashboard where they can check all of their balances in one page.
- 2-Show the expenses list to the user in which they can choose one expenses or all banks' expenses according to accounts they added.
- 3-In each bank the application by default assigns a budget to the user, then he can edit on an existing one or remove budget items.
- 4-Users can follow up their expenses in reports page by charts at the level on one bank or on all banks, and compare it with the budget they had.

Methodology:



We use a Waterfall Model so it is a sequential model that divides software development into predefined phases. Each phase must be completed before the next phase can begin with no overlap between the phases. Each phase is designed for performing specific activity during the SDLC phase.

System Architecture:

The "AEBank" is a hybrid application designed in the concept of the cross-platform.

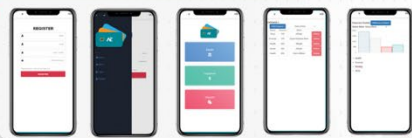
CROSS PLATFORM



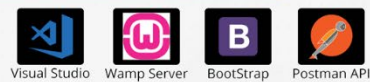
How it works :



User interfaces :



Tools :



What's happening next:

- Provide local and international transfer
- Transfer money instantly between independent bank accounts
- Support the Arabic language in application
- Get reminders and suggestions about better money management

Authors :

Eyad Khaled Qbori
Abdulkarim Atiah Alzahrani
Ayman Mohammed Alzahrani
Aseel Sami Ahmad

Supervisor:
Dr : Amer Al-Zaydi