

DIGITAL WALLET MESSENGER

blockchain



Our **Blockchain White-Label Wallet** Messenger solution is a highly secure money application that can be integrated into any existing business to strengthen the financial edge.

A most advanced digital mobile Wallet Messenger that features QR code for both fiat and crypto instant transactions, with almost all chat features available on Whatsapp and Telegram combined.

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OUR **BLOCKCHAIN TECHNOLOGY SUITE** ENABLES
CLIENTS TO HAVE THE **COMPETITIVE ADVANTAGE.**

Wallet Messenger Blockchain System

A highly secure money Wallet API and a mobile money Wallet SDK White-Label Solution that can be used as a standalone application or integrated into any existing business to strengthen the financial edge.

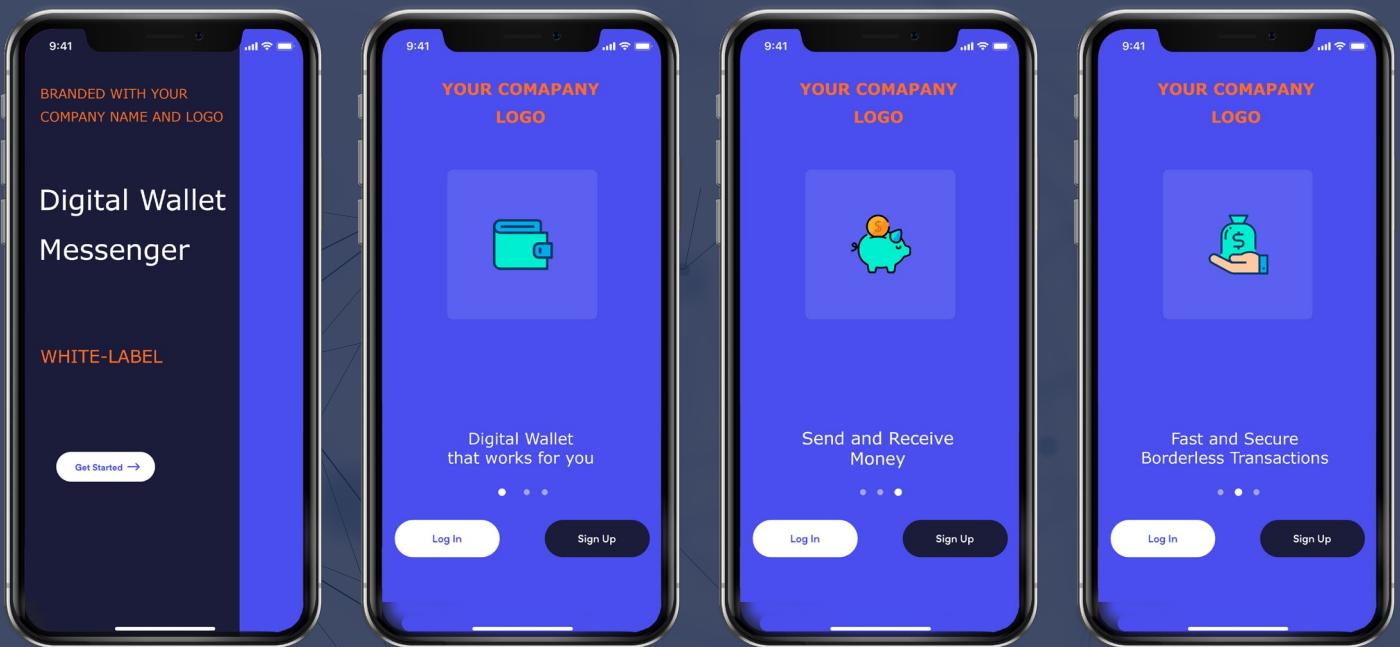
The transactions are smooth and clutter-free that features QR code transfers, search for users and send or receive money.

The Wallet Messenger supports both crypto and fiat currencies. Seamlessly chat with other users inside the platform and make instant financial transactions.

There are two account options - personal and business.

A most advanced digital mobile Wallet and Messenger solution with almost all chat features available on Whatsapp and Telegram combined.

The state of art feature is the architecture of the Wallet Messenger Application is it can handle millions of concurrent chat users.



Blockchain Fintech System

The Blockchain Fintech system is a highly secure White-Label Wallet Payments and solution with integrated QR Code which supports both crypto and fiat currencies, and integrated Messenger enabling real-time private and group chat encompassing features like in WhatsApp and Telegram.

Platform Software Framework

The Wallet Messenger App is built on the Node Js Backend with both Android and iOS Applications.

The Android App will be on Java and iOS App will be on SWIFT 5.

- Operating System: Linux x64
- Web Server: Apache 2.4.x+
- Backend: Node JS
- Database: Mongo DB

The Blockchain architectural Wallet Messenger solution will be flexible and allow easy scaling the application. The Mongo DB is used for its large-scale scaling performance ability.

Development Phase

The duration is estimated to complete each project within 1-3 months, depending on client needs and specifications.

Security, Compliance & Privacy

We know that keeping the clients and the users data secure is an extremely high priority.

To ensure the highest cyber security standards in developing this blockchain system we suggest using AES encryption for every request Payload and JWT tokens for user authentication.

On the server side, we use both server level ufw firewall on Ubuntu servers.

For file storage we recommend to use Amazon s3 bucket.

Customization

All extra features and functionality for customization of the Wallet Messenger and Application including, company content, logos, etc are to be provided by the client.

Any critical functions that are needed for the project will be considered for successful implementation of the Blockchain Wallet Messenger Application.

Development will be conducted by the Waterfall model using milestones as transition and assessment points.

Implementation

Project development is performed at this phase. Not only source code is developed, but also overall project documentation is updated during this phase.

It includes: configuration of the development environment, features implementation according to the technical design document and project plan, updating project documentation to have it in a valid state, updating test cases.

Modules integration is also performed here. To increase code quality different techniques and technologies are used. At the end of this stage, all project features are completed and the solution is ready for testing.

Integration

At this stage team performs overall project integration, uniting all project parts and modules; performs development testing of the whole project, final code review, and update.

When the integration is completed the project is ready to be released for the stabilization phase. All supportive documentation is being developed here: user manuals, installation guides, release notes, etc.

This phase usually does not take a lot of effort but is very important for product realization and should be passed to have certainty about the fact that all features are implemented, all project parts and modules are integrated successfully and there are no blocking bugs.

KYC and AML

Integration of any third party for KYC and AML module is an additional customisation.



Stabilization

Preparing a testing environment, deploying product solution, test case execution, product verifications are performed at this stage. Software test team performs complete project testing, development team - bug fixing and making build improvements to have a build as a release candidate. Testing during this phase emphasizes usage and operation under realistic environmental conditions. The team focuses on resolving and triaging (prioritizing) bugs and preparing the solution for release. JIRA will be used as a bug tracker. Access to the system will be granted to the client.

Deployment

During this phase team provides project deliverables to the client, deploys the product and components to the client, environment, stabilizes the deployment, transitions the project to support, and obtains final approval of the project.

Code Data & IP

We will maintain the source codes in GitHub private repository and also in server, once we complete the work we will remove read and write permissions for source code files so that the files are safe and secure. The client will have complete full access rights to the codes in github where the codes/versions are maintained. The client is required to create a github account and share with us the github id.

API Documentation

We will be deliver the API documentation of the application upon completion of the project to the client.



Acceptance

In the Acceptance stage, the client, performs UAT (User Acceptance Testing). The round of bug fixing will be conducted if some issues are discovered. The application can be accepted according to the following criteria:

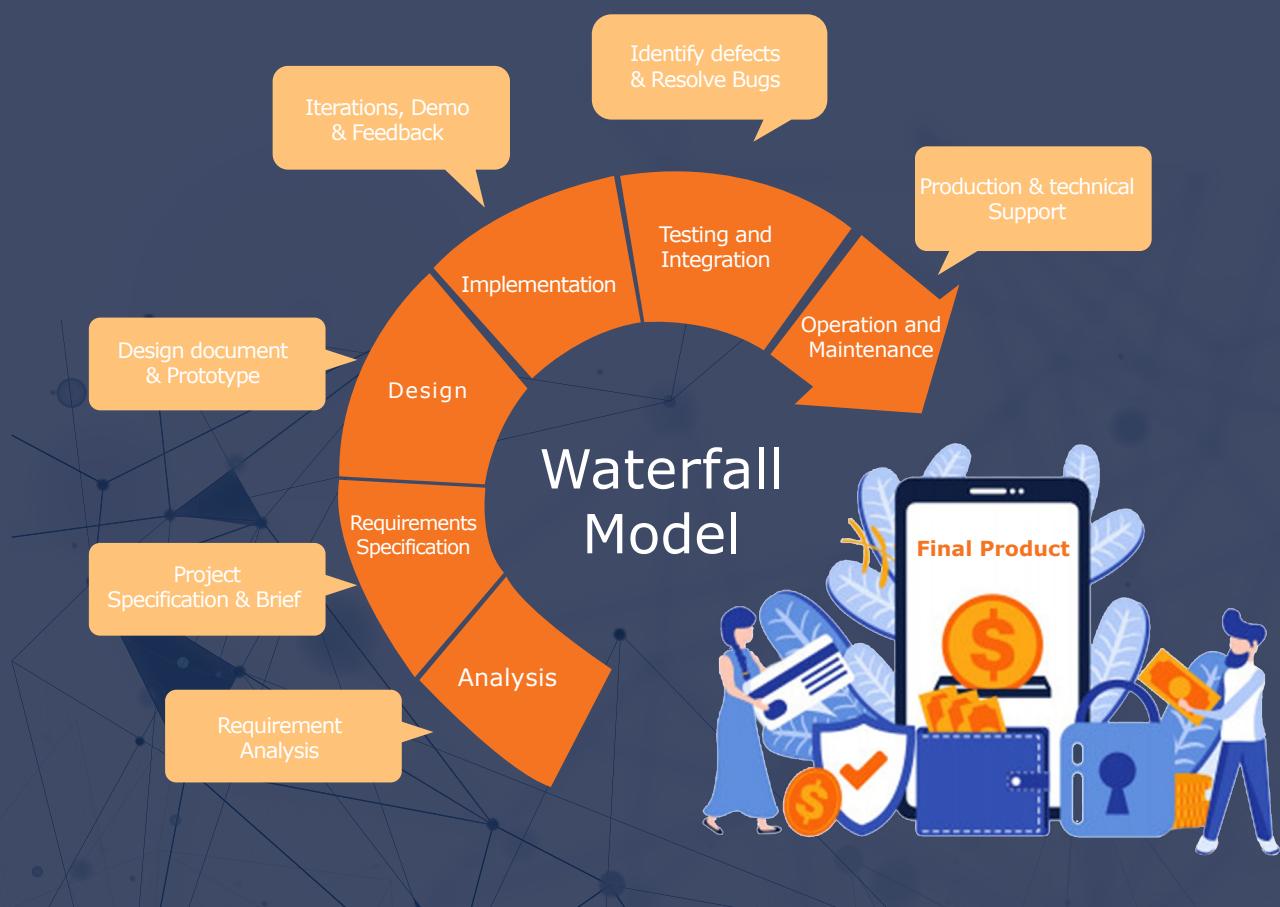
1. All included artifacts are delivered to the client.
2. User Acceptance Tests are passed.
3. No open defects with severity Critical are reported to the defect tracking system.

At the current stage we assume the following architectural solution reflected in the scheme below:

The scheme will be updated during the Analysis and Planning phase in accordance with the clarified/updated project requirements. The provided architectural solution will be flexible and allow easily scaling the application. Basic system modules will be running in containers.

Project Methodology

As mentioned above we will be using waterfall model for the project development, as described in image below.



Blockchain Wallet & Messenger App Features

1. Mobile number registration
2. Otp verification
3. Normal chat and group chat
4. Profile update - on both any device
5. Text, image, audio, video, gif, location, document, stickers, live location, language translate, accept and reject messaging for new chat integration
6. Multi Fiat Currency and Cryptocurrencies
7. Payments - crypto currency
8. Transfer any Currency directly using mobile number
9. Payment methods
10. Audio call & video call - Sinch third party
11. Local DB - offline use like whatsapp
12. Media file display like WhatsApp
13. Media edit option like WhatsApp-doodle, undo, redo, all edit option
14. Payment gateway
15. Add money to wallet
16. Withdraw money to bank from wallet
17. Send money from one user to another user.
18. Payment - transaction history
19. Real Time Online & offline
20. Wallpaper
21. Record and share audio
22. Record and share videos
23. Hide Last Seen
24. Delete Message for yourself - One-to-one chat
25. Delete message for all - group-chat
26. Message unsend, Send, Deliver and Read indication - like in whatapp
27. Message Recall - Edit
28. Forward & Reply
29. Push Notifications - firebase
30. Card save
31. Swipe reply
32. Block and Unblock Features
33. Unread message count
34. Instant cash withdrawal
35. Typing indicator
36. Secret chat like in Telegram

Group chat

1. All feature like normal chat
2. Group audio call - Sinch third party
3. Common group info like WhatsApp
4. Add and remove participants by admin.
5. Add and remove as admin.
6. Edit group name, group description, group pic.
7. Message info like WhatsApp





Blockchain TECHNOLOGY



express



Contact



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