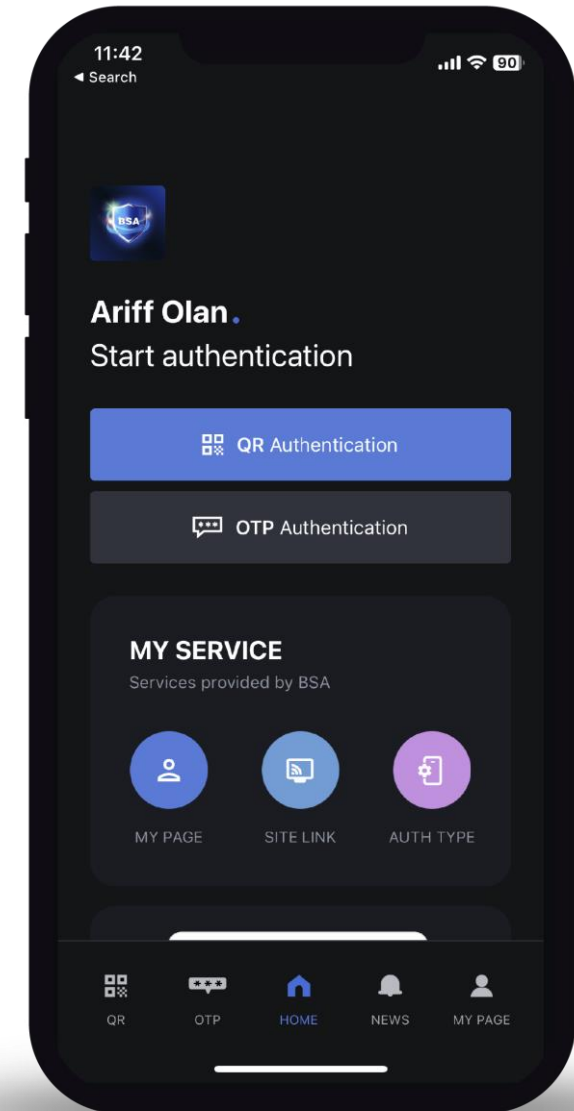




ITU DFS BSA Application Challenge

Evaluation Criteria



Evaluation Criteria

The Jury Panel will evaluate the submissions based on the following criteria:

Section	Subsection	Maximum Points
Section A: Web and Mobile Application (35 points)	No subsections	35
Section B: BSA Integration (75 points)	Section B1: Task 2 – Integrate Passwordless Login Authentication for user login	20
	Section B2: Task 3 – Integrate Passwordless Access Control Authentication	18
	Section B3: Task 4 – Integrate Passwordless Transactions Authentication	15
	Section B4: BSA Backend Integration	22
Section C: Documentation and Presentation (20 points)	No subsections	20
	Total Points	130



Section A: Web and Mobile Application (35 points)

Encompasses the overall design and functionality of the Digital Web Application. It evaluates:

1. User interface (UI) and User experience (UX) aspects, including the intuitiveness of the UI
2. Flow of the application
3. Functions to register and de-register BSA Device
4. Functions to register account, login, logout, and account deletion
5. The overall functionality, including but not limited to wallet functions such as:
 1. Account balance inquiry
 2. Wallet reloads
 3. Wallet-to-wallet transfers
 4. Wallet receiving
 5. Accessing transactions history
 6. Push notifications, and other digital wallet functionalities.



Section B1: Task 2 - Integrate Passwordless Login Authentication for user login

Assesses integration of Passwordless Login Authentication within the application. It evaluates:

1. Presence and functionality of multiple authentication methods
2. Absence of passwords
3. Authentication Speed
4. Inaccessibility prior to login authentication



Section B2: Task 3 - Integrate Passwordless Access Control Authentication

Assesses integration of Passwordless Access Control Authentication within the application. It evaluates:

1. Presence and functionality of access control authentication in accessing specific wallet functions
2. Authentication Speed
3. Inaccessibility prior to access control authentication
4. Error Display Messages



Section B3: Task 4 - Integrate Passwordless Transactions Authentication

Assesses integration of Passwordless Transactions Authentication within the application. It evaluates:

1. Presence and functionality of transactions control authentication in functions such as wallet reloading and wallet transfers
2. Authentication Speed
3. Inaccessibility prior to access control authentication
4. Error Display Messages



Section B4: BSA Backend Integration

Assesses the backend integration of passwordless authentication within the application. It evaluates:

1. Function to link and unlink BSA integrated applications
2. Functional integration with BSA Web SDK (Web component)
3. Functional integration with BSA SDK (Mobile component)
4. Functional Firebase Cloud Messaging (FCM)
5. Application functions as BSA Authenticator



Section C: Documentation and Presentation

Assesses the clarity and comprehensiveness of submissions regarding documentation and presentations. It evaluates:

1. System architecture
2. Process flows
3. Application Manual
4. Test Scripts with results
5. 5-10 minute video demonstrating the application functions and authentication flow
6. Source code to be submitted to a centralized ITU Github repository



Submission Guidelines Recap

Participating teams are expected to submit the following materials:

1. The Digital Wallet Application mobile APK
2. The Digital Wallet Application web URL
3. Provide a comprehensive report in PDF format consisting of the following:
 - a) System Architecture
 - b) Process Flows
 - c) Application Manual or Guidelines
 - d) Test Scripts with results
4. Provide a 5-10 minute video demonstrating the application functionalities and authentication flow
5. Source Code to be submitted to a centralized ITU GitHub repository.





Q&A



**Passwords are a thing of the past, the
future is passwordless.**



Thank you.