



Fighting COVID-19 Beyond the lockdown Back to Business in Airport Operation and Global Travel

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A Global Challenge

Quarantine, isolation and shutdown are not sustainable.

Cross-border reopen is extremely difficult

A global framework based on the shareable health status across borders is needed



- The solution should be simple and easy to use
- Data is accurate, traceable and reliable.
- Data ownership and privacy are secured and protected by technology to avoid domestic and international legal issue.
- Health status code can be integrated into existing solutions.
- The platform should be open and flexible to fit into various communities and governance models.

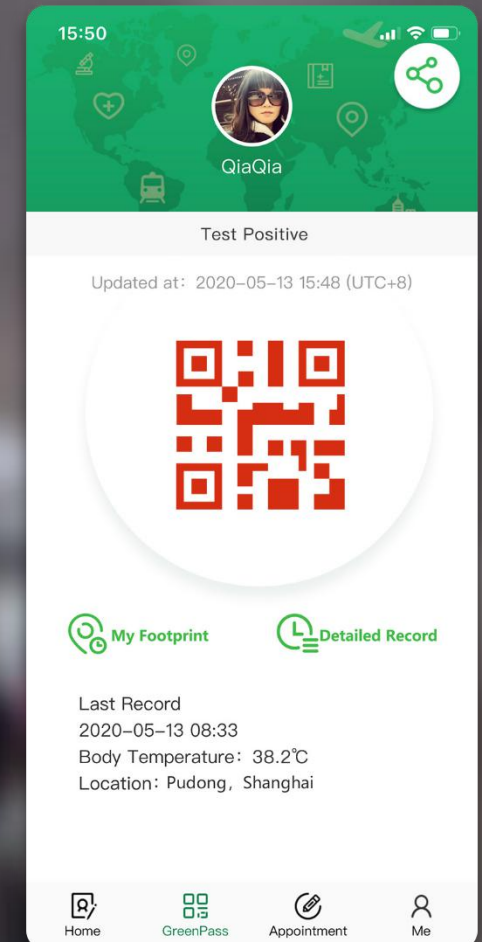
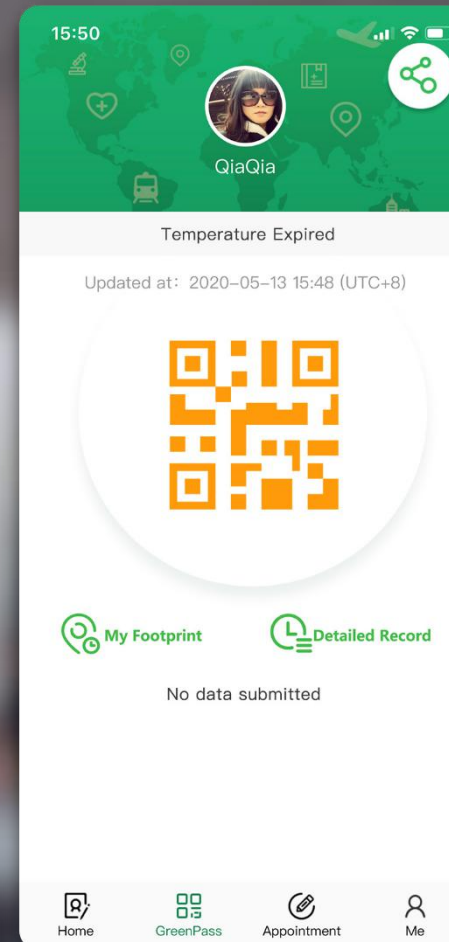
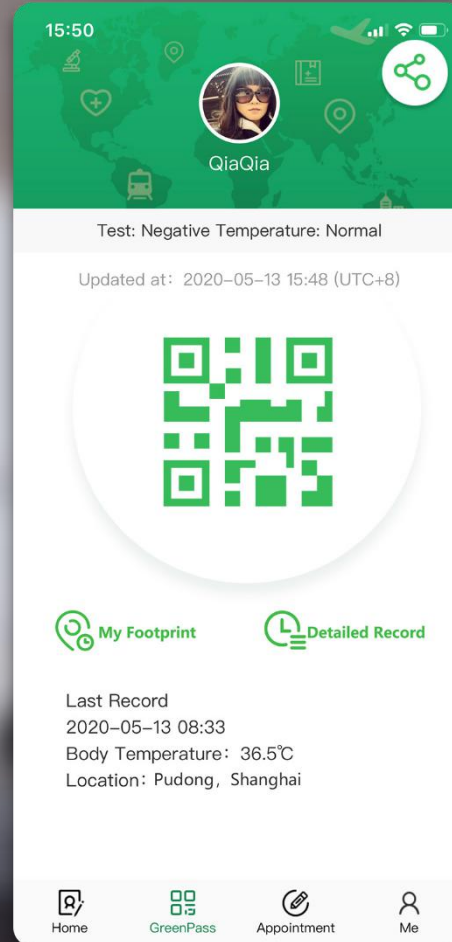
Personal Health Status Code

Color-coded
Temperature
Assessment
Geo-location

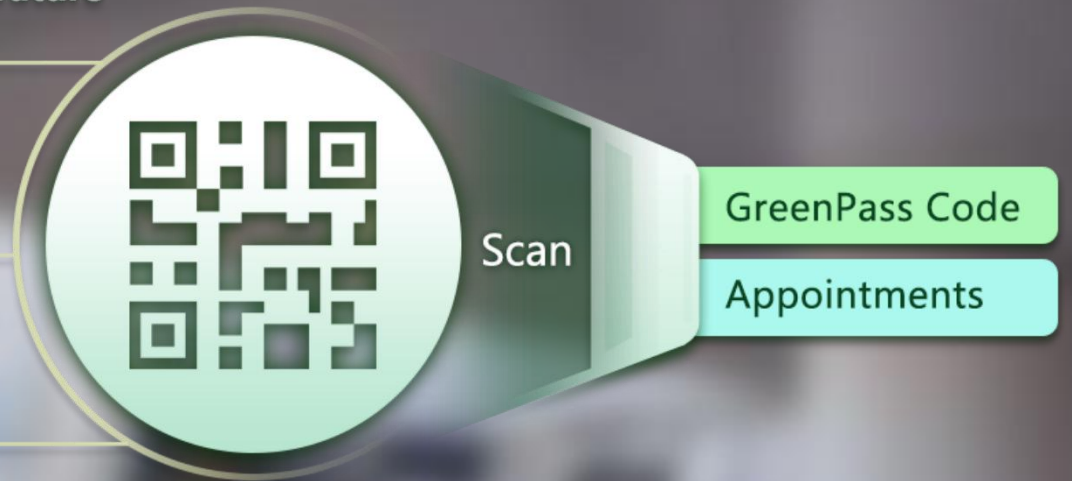
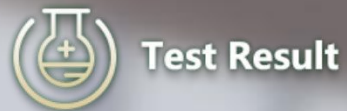
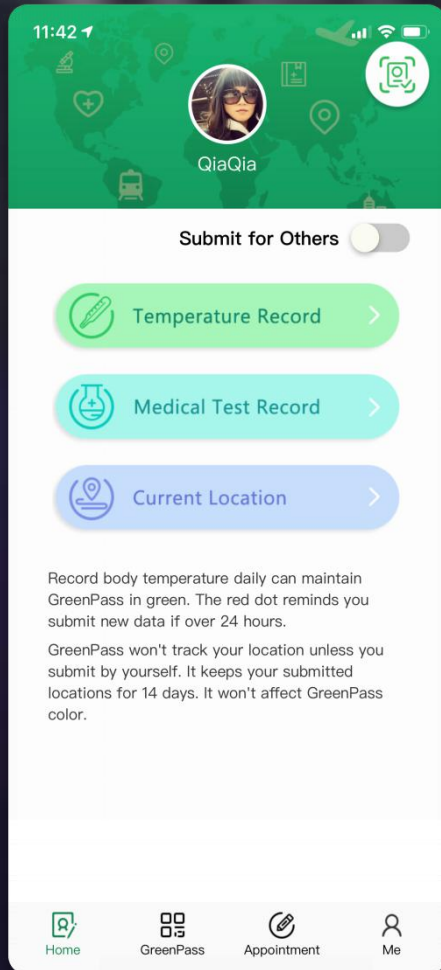
Green – normal temp

Yellow – data expired

Red – likely positive



Multiple Data Types and Entry



Body temperature tracking

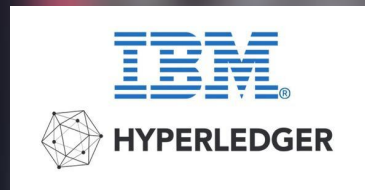
Lab test assessment (PCR, Vaccination)

Digital passport with built-in yellow card

BlockChain and DLT: Data Privacy & Security

Secured by blockchain

- Distributed Ledger Technology
- Decentralized Identity (DID)
- Verifiable Credentials



Airport Operation Scenarios

Passengers

- Maintain daily green status from booking to landing
- PCR and vaccine status and expiration
- Contact tracing capability

Staffs

- Maintain daily green status all the time
- Maintain green working environment
- Contact tracing capability

Airport Operation Scenarios

Operators

- Integration with booking process
- Integration with on-boarding process
- Sharable with destination authorities
- Contact tracing capability
- Dashboard and statistics

Challenges and Opportunities

Technologies

- Interoperability
- Data standard
- Trusted data sources
- Open interface integration
- Decentralization
- Usability to all users

Operations

- Government policies
- Customs regulations
- Industry alliances
- Data privacy and security
- Compliances
- Political factors

Beyond the Airports

Build the global framework with global alliance to cover close loop scenarios in the new normal era

- Airport and Airlines
- Hotel & Tourist destination
- Events & Sports
- Olympic games
- ...

THANK YOU

Brian Xin

GreenPass project, a non-profit solution for all

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