

HMS Core Kits Examples

Cengiz TORU

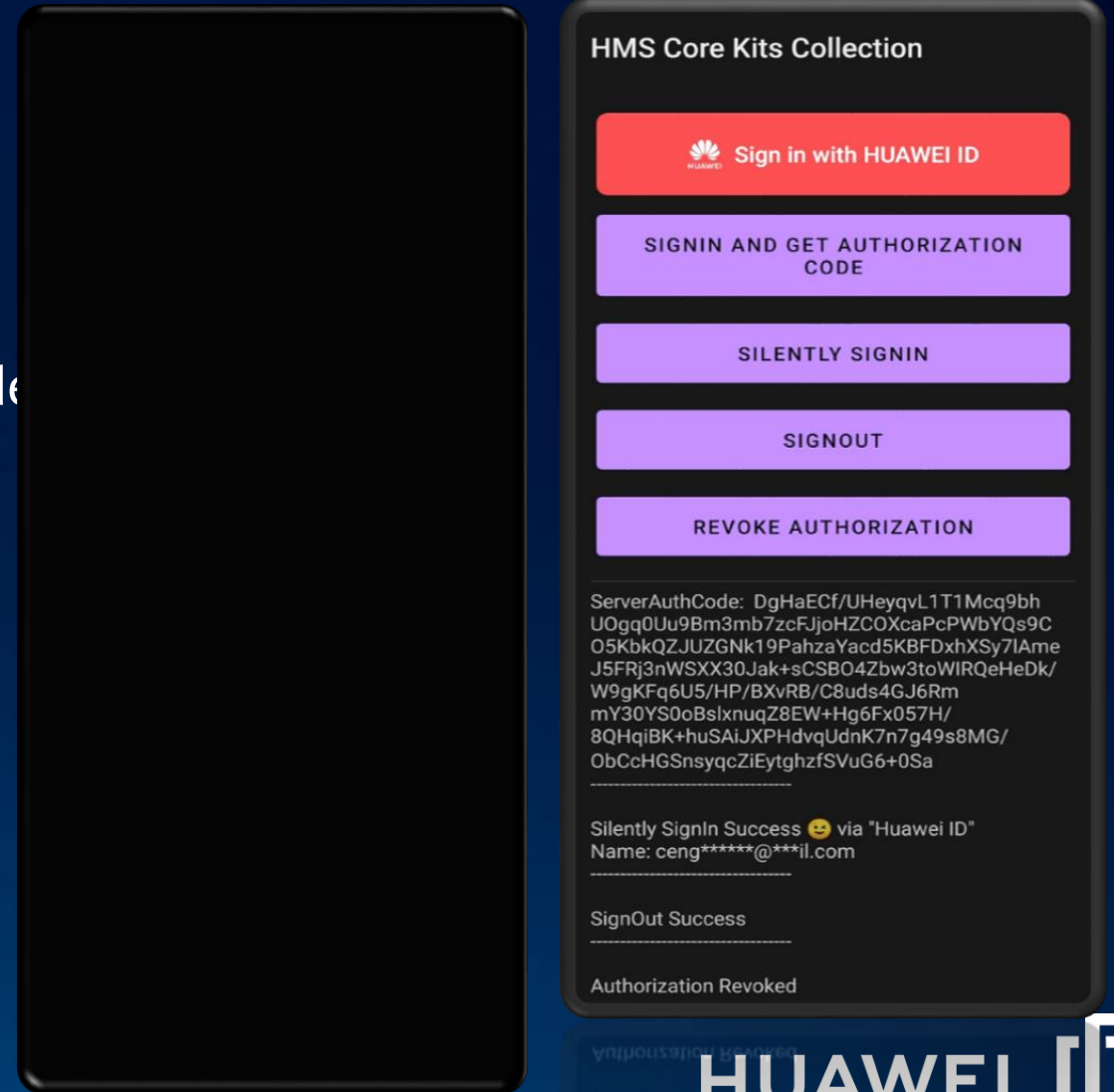
HMS Core Kits

Account Kit

- ✓ A kit for authentication to users quickly and securely by their Huawei IDs.
- ✓ Automatic reading of SMS verification code

Features :

- Various signing functions
- SignOut
- Cancelling Authorization



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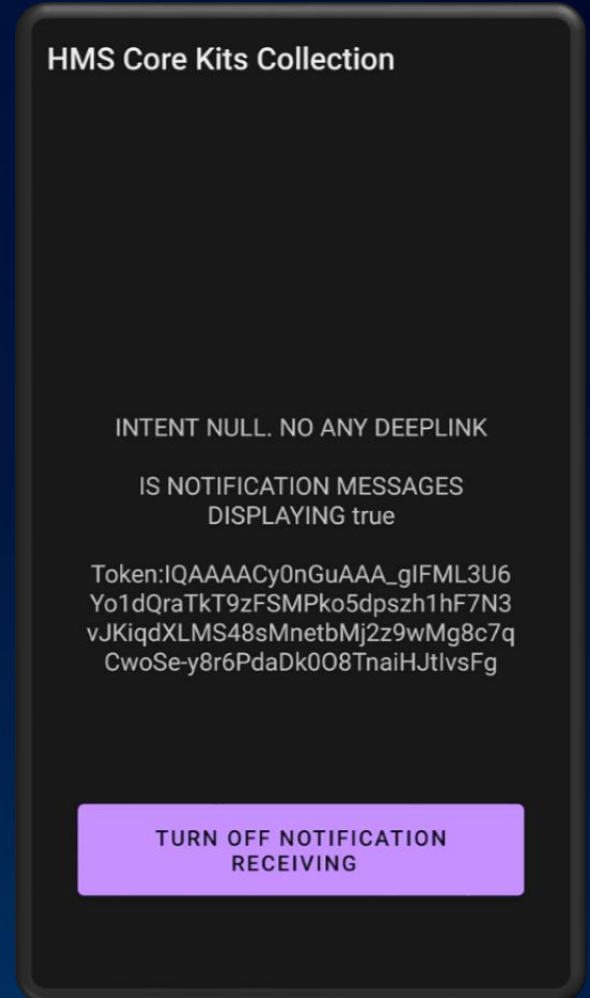
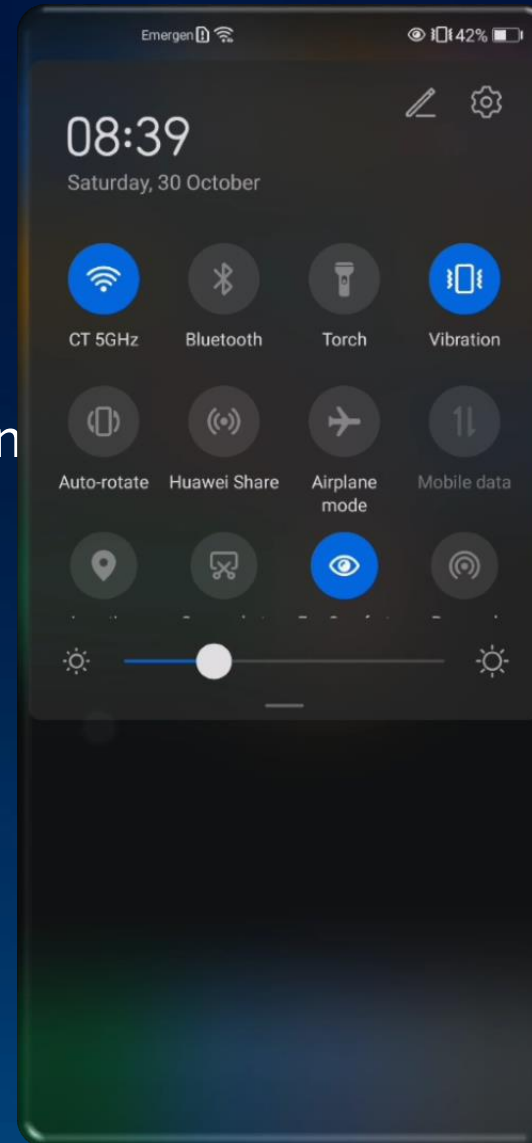
HMS Core Kits

Push Kit

- ✓ Push Kit is used for sending notification messages to user devices in real time.
- ✓ Make it easy to reach user
- ✓ Increase user awareness and engagement

Features :

- Notification Message
- Data Message
- Deeplink
- A/B Testing
- Audience/Topic based message sending



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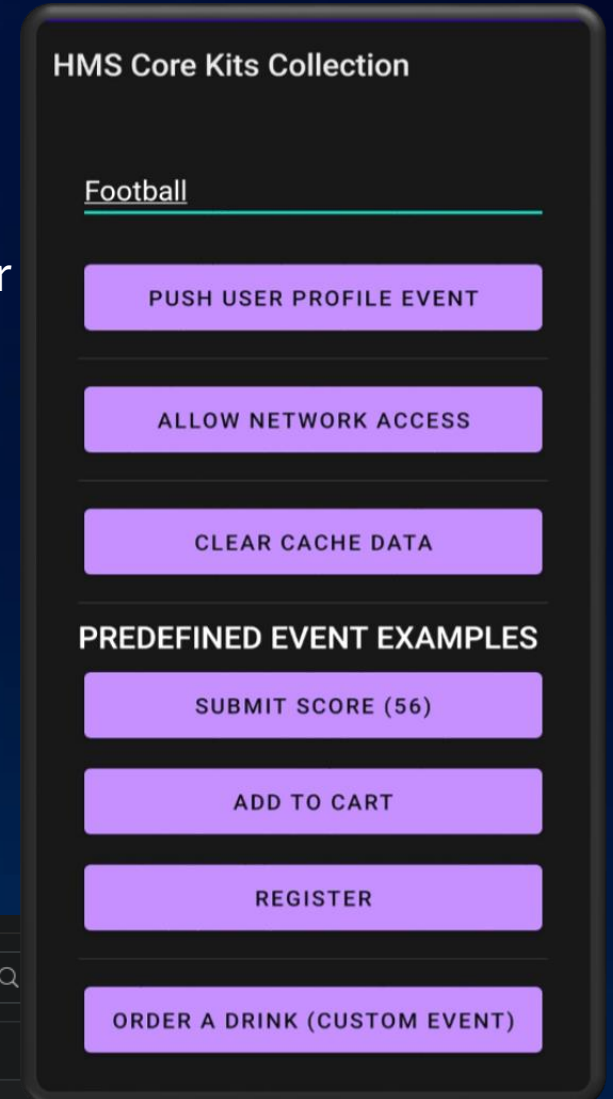
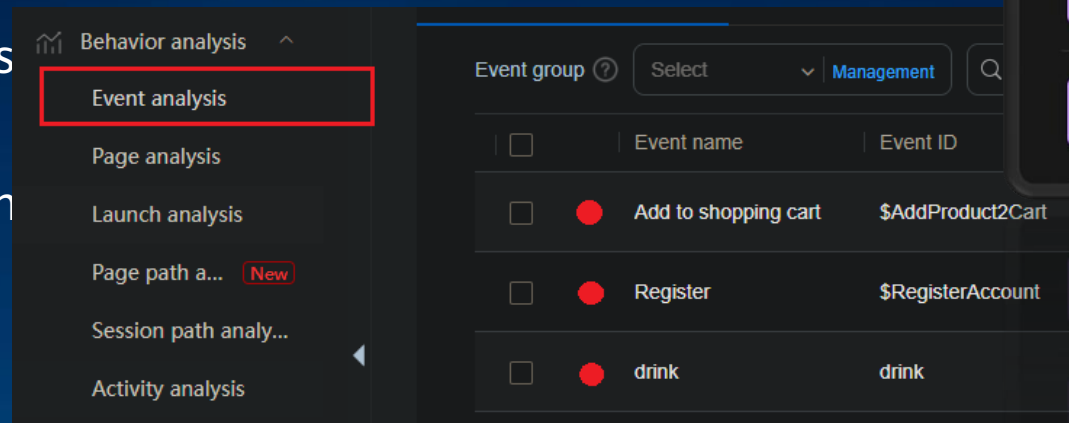
HMS Core Kits

Analytics Kit

- ✓ Analytics Kit is used for collecting, management, analysis and usage user
- ✓ It provide user acquisition, product optimization and business growth
- ✓ Offers Data Driven Approach for more intelligent decision

Features :

- Events, Attributes (Automatically Collected Predefined, Custom)
- Multi-Scenario Promotion
 - Push Kit, Crash, A/B Test
- Various Analysis
 - Behaviour, User, Audience, Funnel etc...



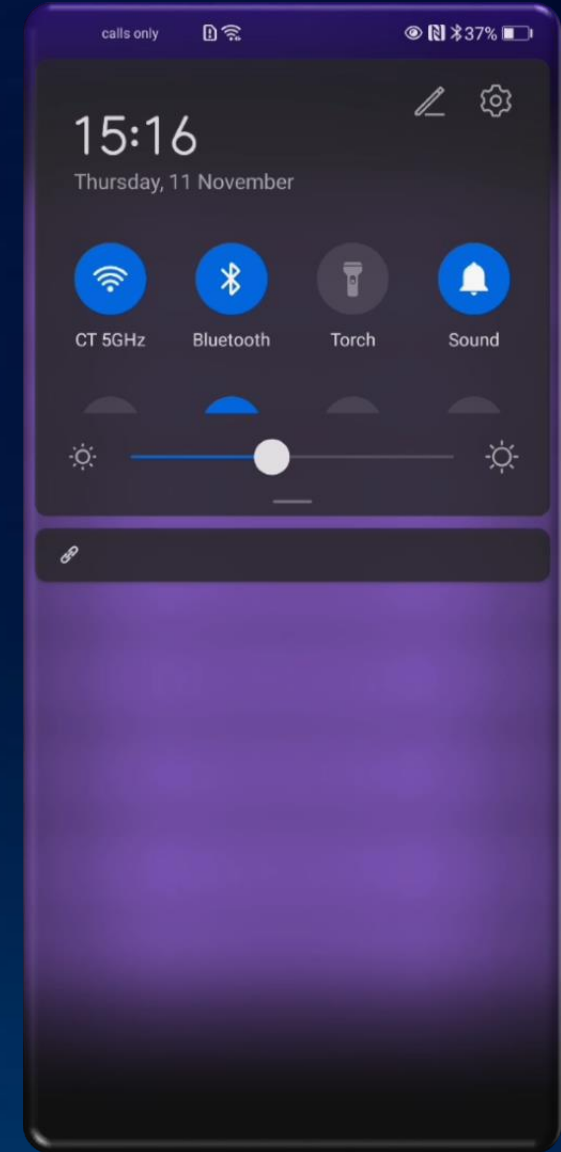
HMS Core Kits

ADS Kit

- ✓ Ads Kit is used for showing ads and earning money
- ✓ Provide delivering personalized campaign or commercial ads to users for advertisers

Features :

- Various ads type (Banner, native, rewarded, interstitial, Splash, roll)
- Targeting



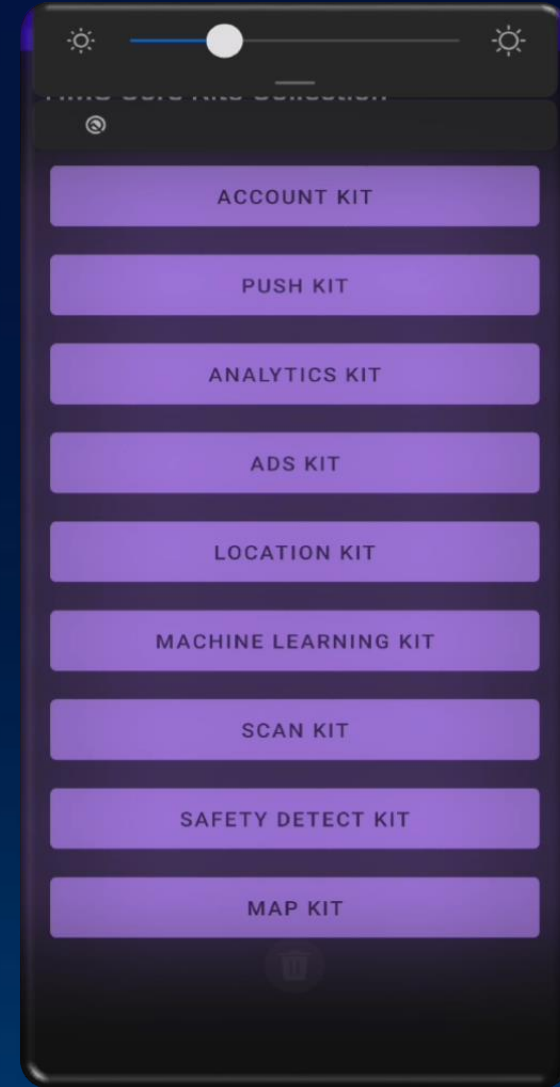
HMS Core Kits

Location Kit

- ✓ Location Kit is used for obtaining user location
- ✓ Combines the Global Navigation Satellite System (GNSS), Wi-Fi, and base station location

Features :

- Fused Location
- Activity Identification
- Geofence
- High Precision Location (Limited)



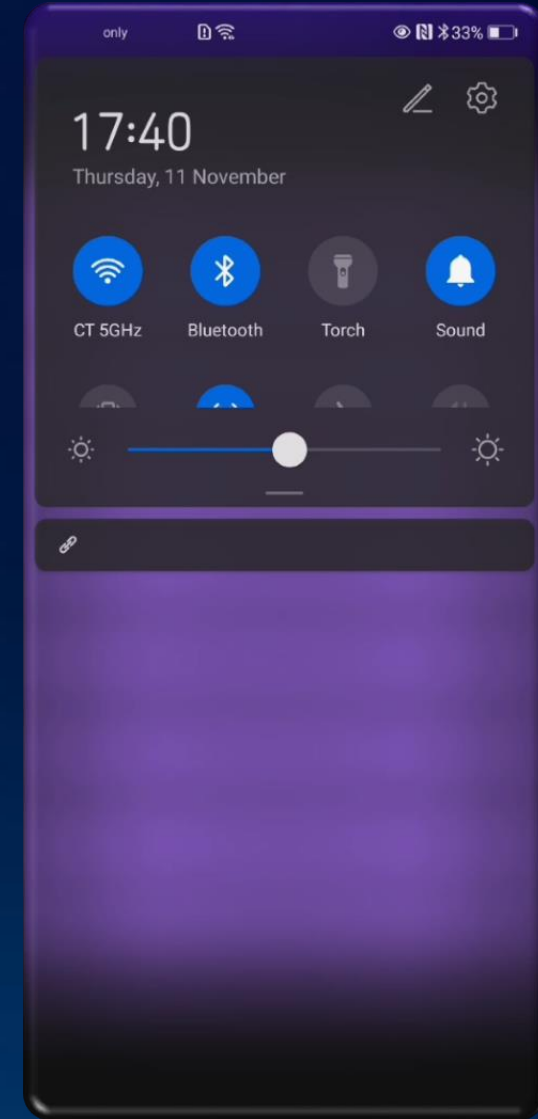
HMS Core Kits

Scan Kit

- ✓ Scan Kit is used for scanning, parsing and generating 1D & 2D barcodes
- ✓ Automatically detect, magnifies and recognizes barcodes
- ✓ 13 Major barcode format support

Features :

- Default View (❤️) , Customized View, Bitmap, MultiProcessor
- Able to scanning small barcodes, too
- Work on landscape mode
- Work on suboptimal situations (dim light, dirty, blurry...)



HMS Core Kits

Safety Detect Kit

- ✓ Safety Detect Kit is used for protecting against security threats

Features :

- System Integrity Check
- Malicious Apps Checking
- Malicious URL Check
- Fake User Detection
- Wi-Fi detection (Limited)



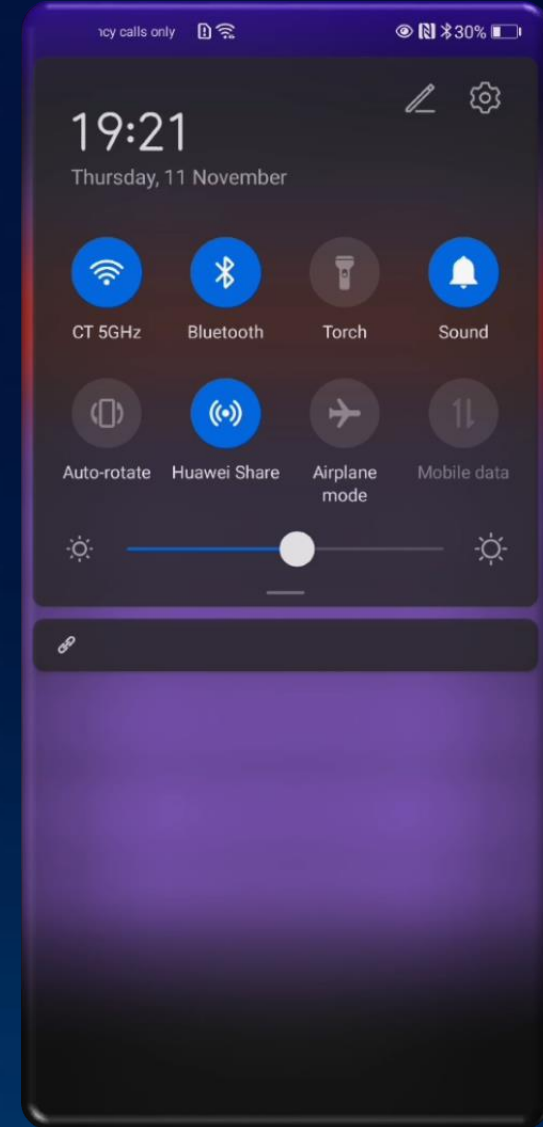
HMS Core Kits

In App Purchases

- ✓ In App Purchase is used for selling products and contents directly within app
- ✓ One-Time Products (Consumable, nonconsumables)
- ✓ Subscription

Features :

- Localized languages & currencies
- CheckOut Screens and process handling
- Multiple Payment Methods



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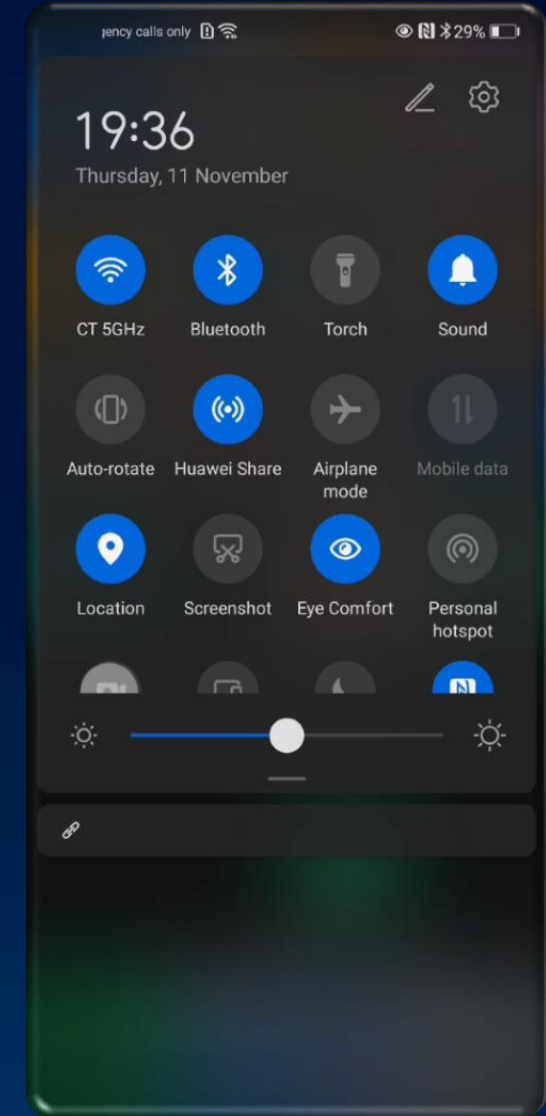
HMS Core Kits

Game Service

- ✓ Game Service is used for building some game capabilities with low cost and effort
- ✓ Huawei's vast user base via Huawei ID (Account Kit)

Features :

- Achievements
- Game Events
- Leader Boards
- Saved Games
- Player Statistics



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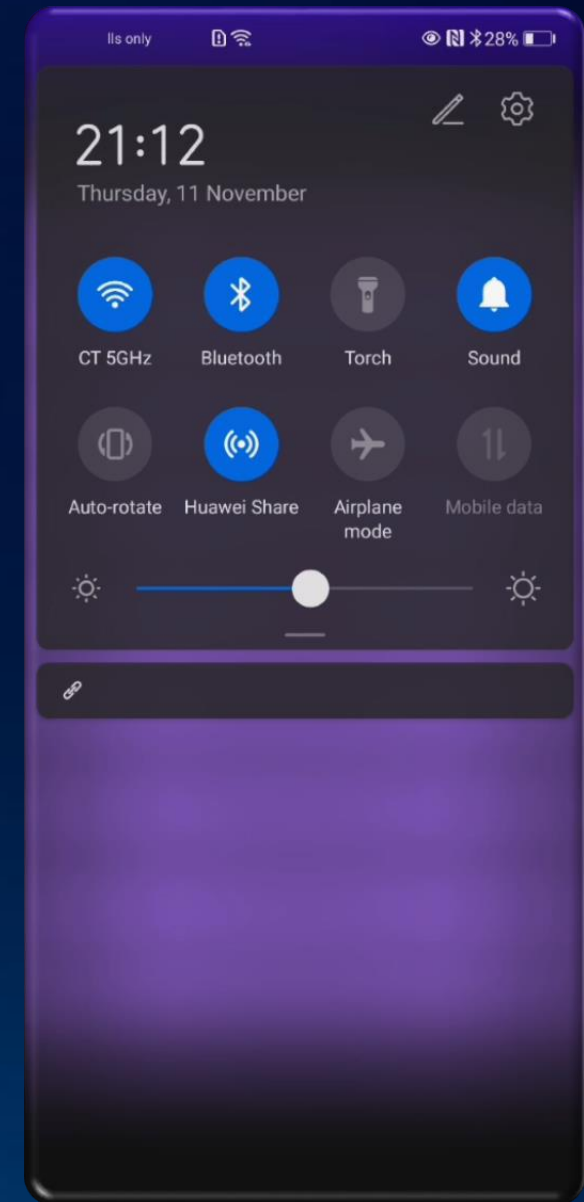
HMS Core Kits

Map Kit

- ✓ Map Kit is used for realize personalized map experience
- ✓ Map display, map interaction, map drawing
- ✓ 200+ countries & 70+ languages support
- ✓ Various Gestures for smooth interaction experience

Features :

- 2 Map Type, Lite Mode
 - Satellite Map Type
- UI Events Listening, Camera Movement
- Markers, Ground Overlay (Static Image), Shapes



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HMS Core Kits

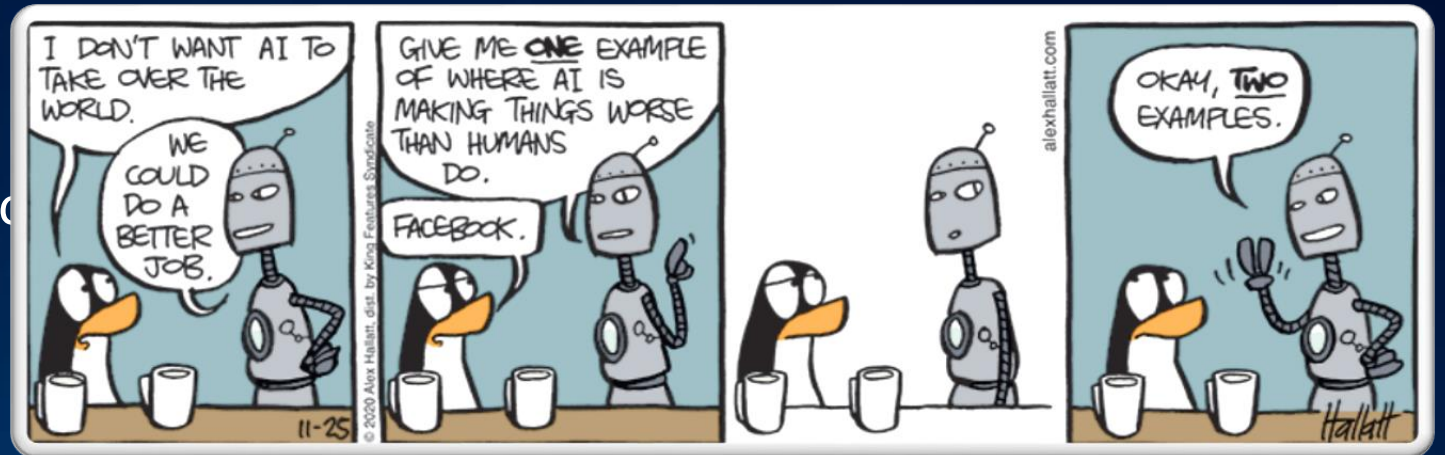
ML Kit

- ✓ ML Kit provides diversified leading machine learning capabilities that are easy to use helping to develop various AI apps.
- ✓ On Device services available (offline)



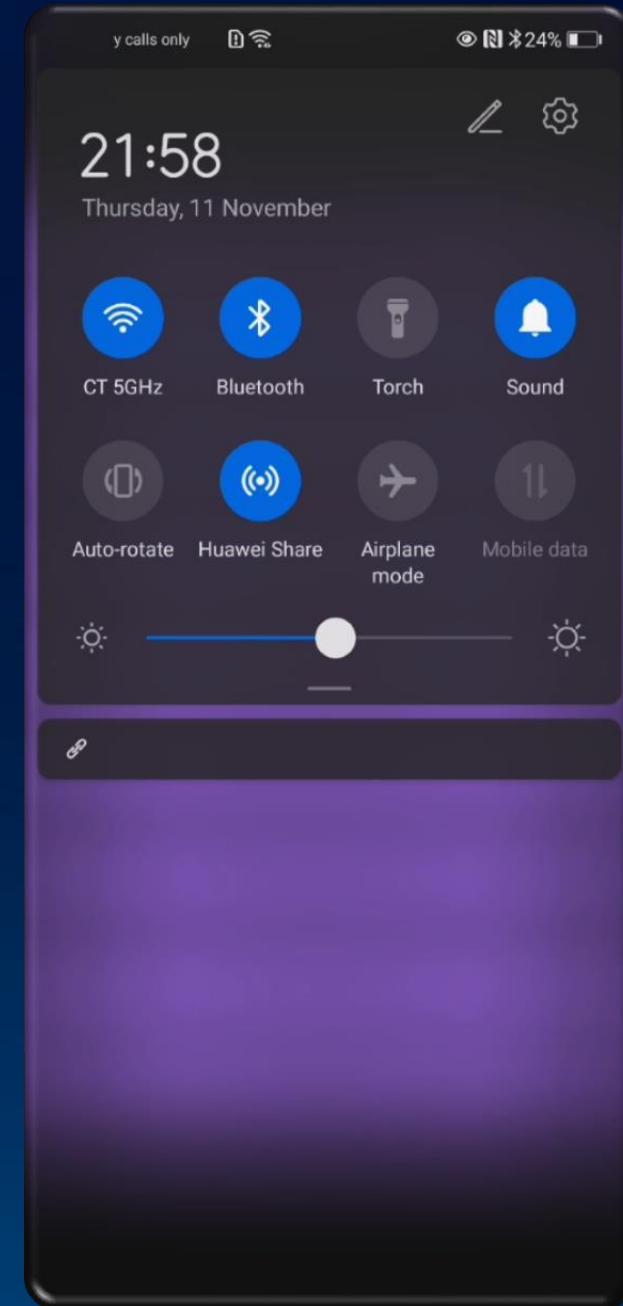
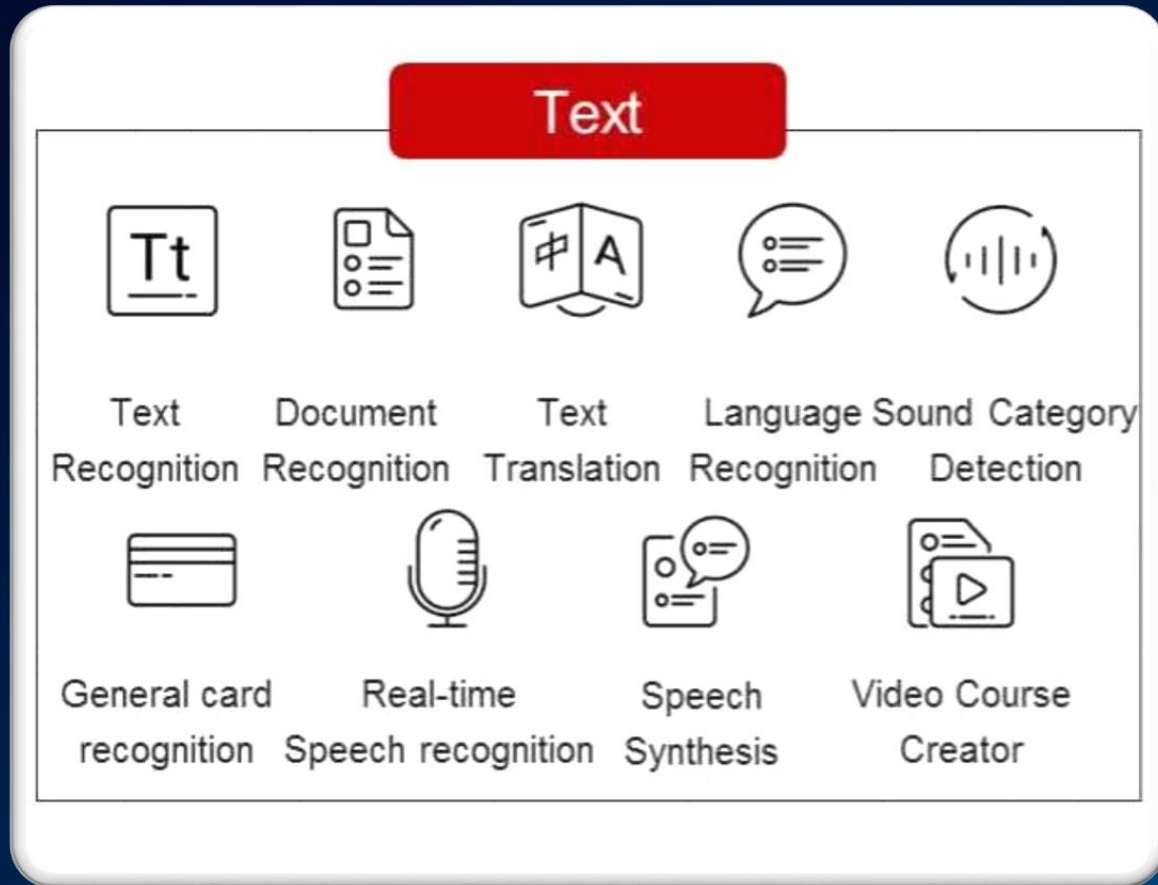
Features :

- Text Related Services
- Language/Voice Related Services
- Image Related Services
- Face/Body Related Services
- Natural Language Processing Services
- Custom Model



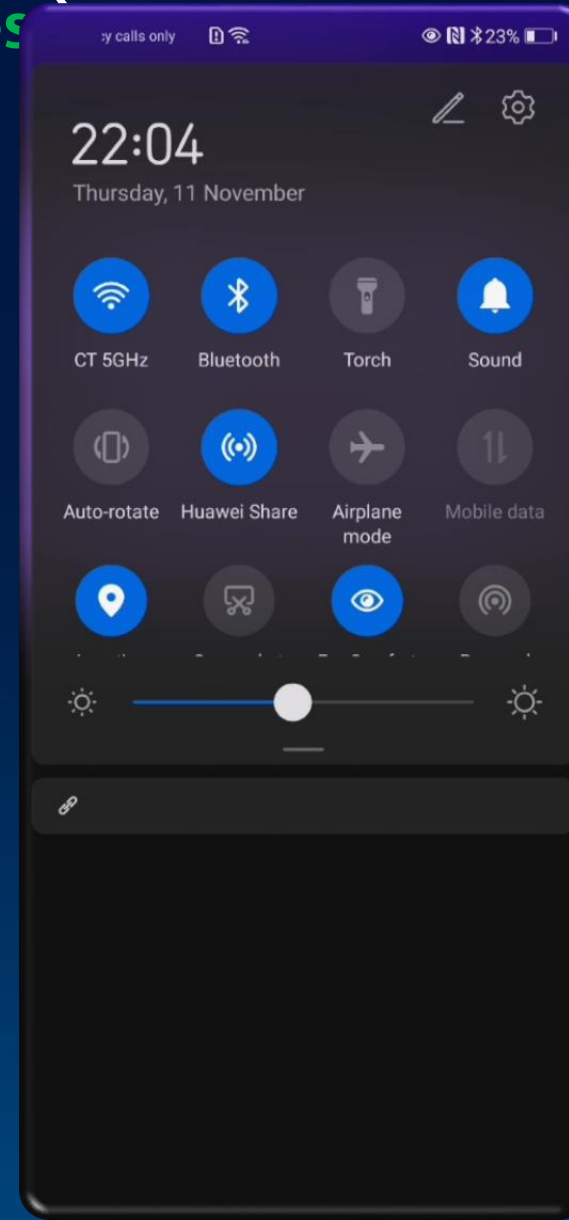
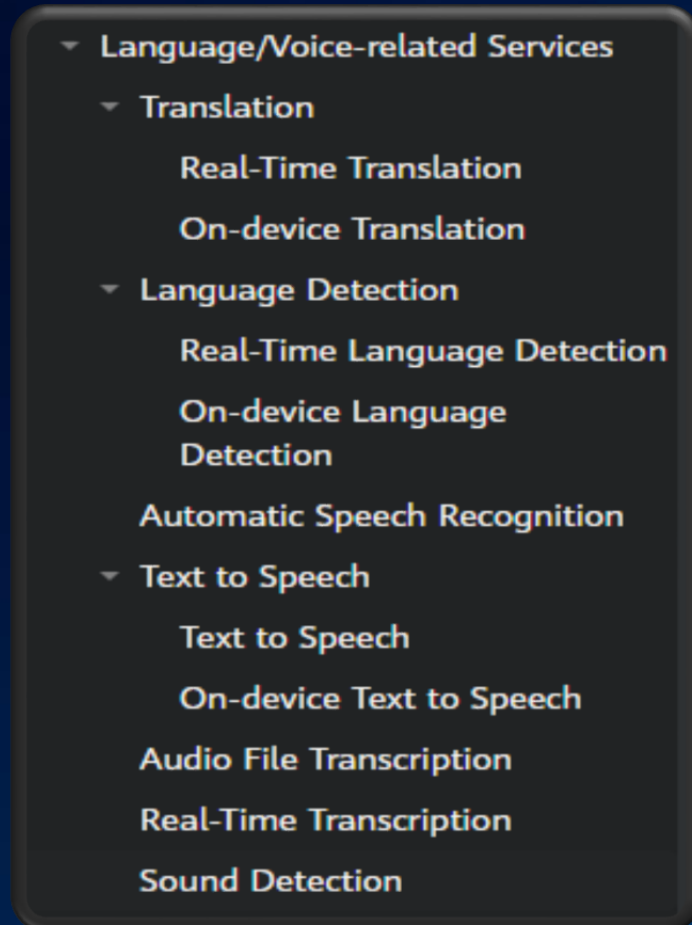
HMS Core Kits

ML Kit (**Text Related Services**)



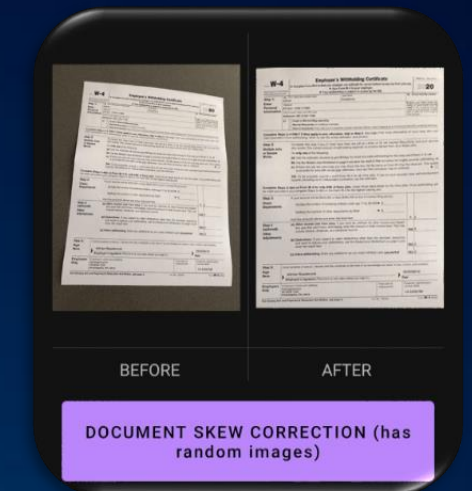
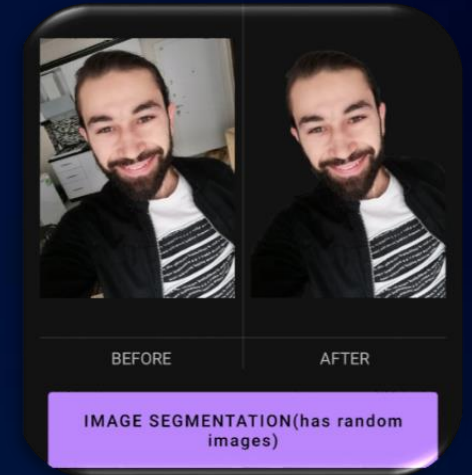
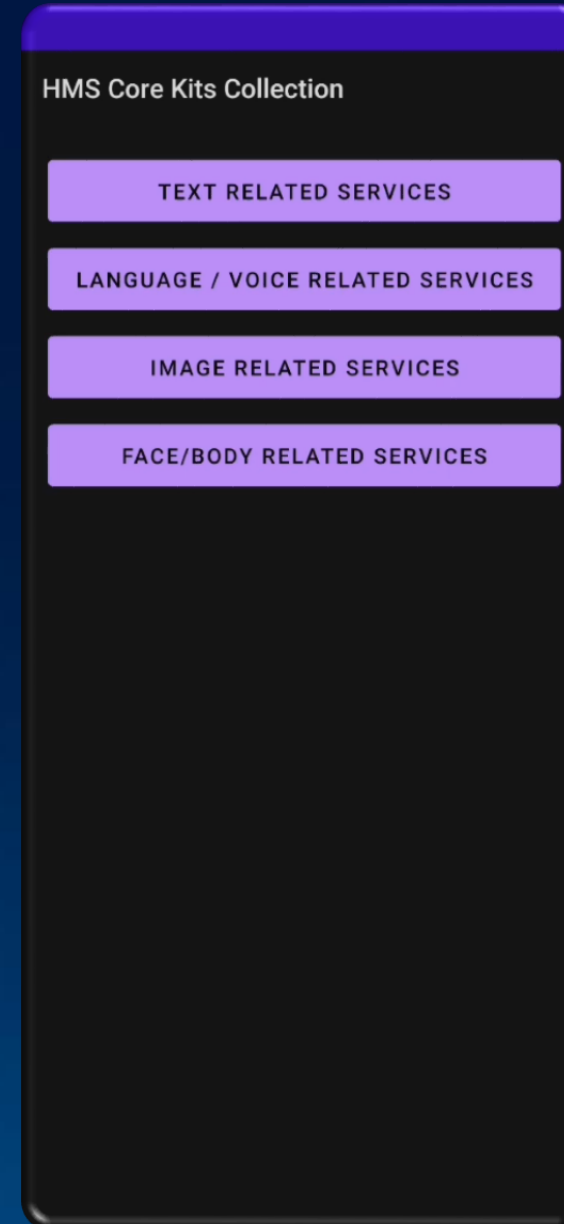
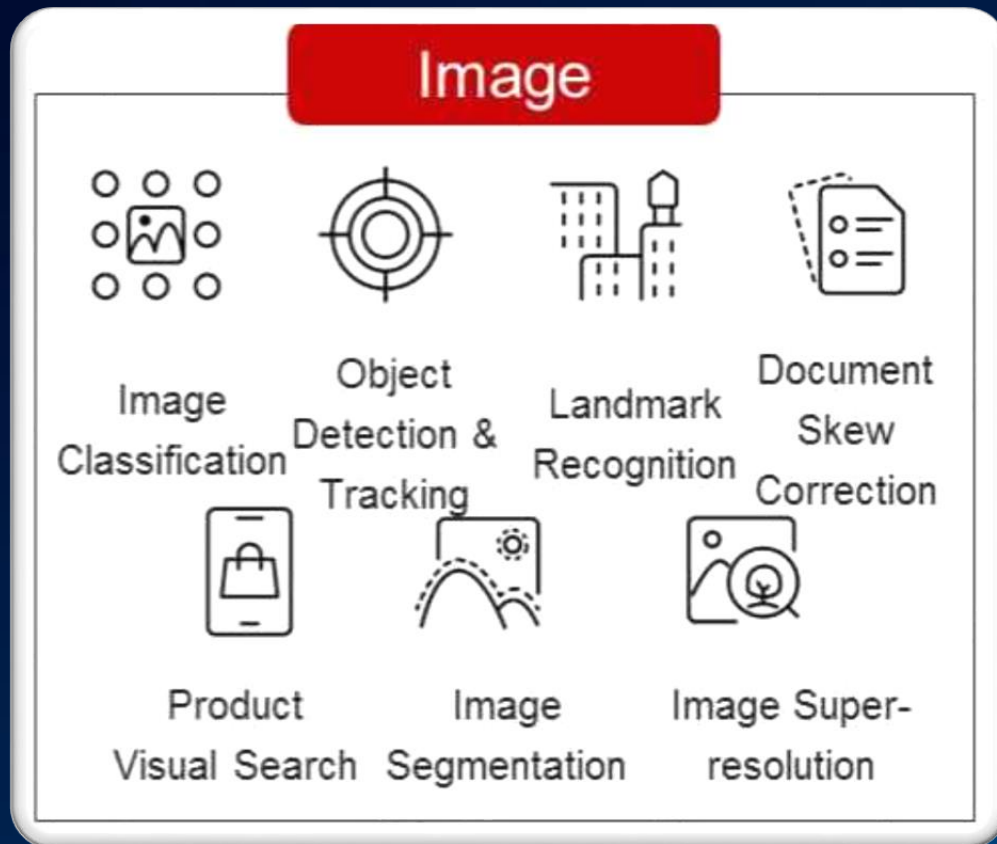
HMS Core Kits

ML Kit (Language/Voice Related Services)



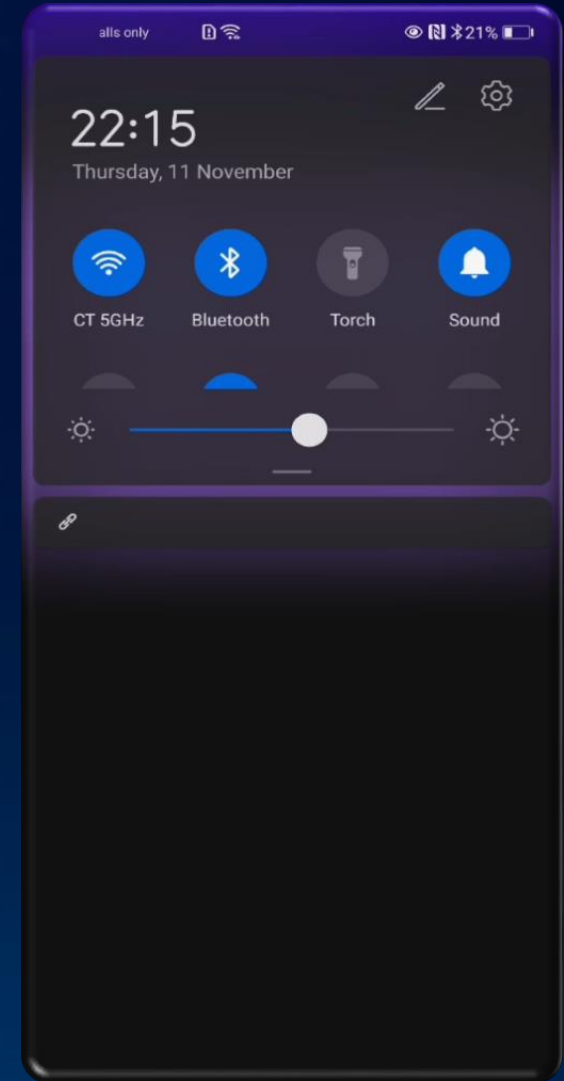
Summary of Application Development

ML Kit (Image Related Services)



Summary of Application Development

ML Kit (Face/Body Related Services)



<https://github.com/cengiztoru/HMSCoreKits>

<https://github.com/Explore-In-HMS/Explore-Landmarks>

<https://github.com/HSDTurkey/Yalova-BSM404>

<https://github.com/HSDTurkey/UserListMVVMRetrofit>

Q&A

THANK YOU