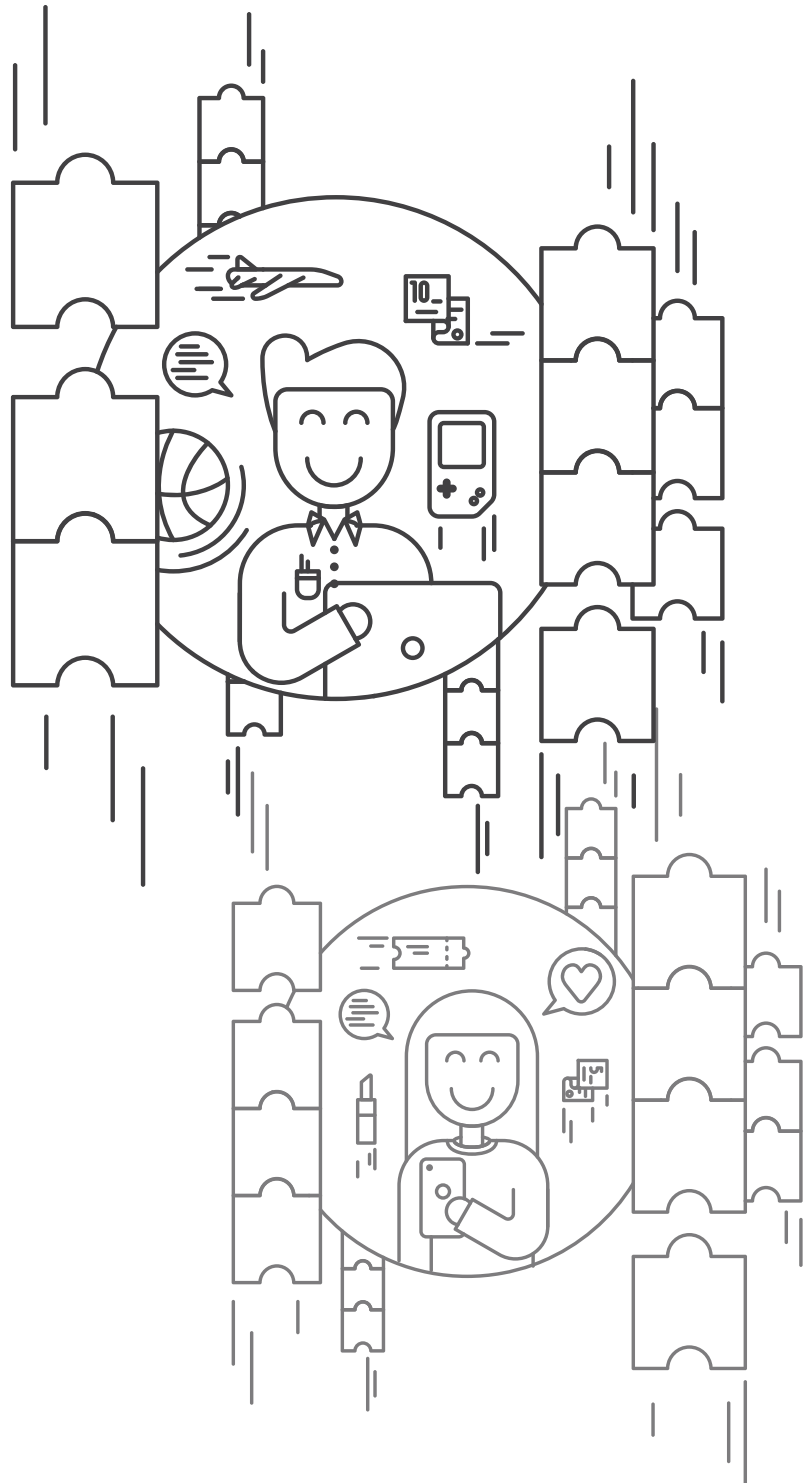


# I-Delta Use Case

Turkish Consortium

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Employee Identification and  
Loyalty



## EMPLOYEE ID AND LOYALTY

### Current Conditions

Corporate companies give extra benefits to their employees other than the regular salary. These benefits create tax advantages and increases the loyalty of employees. On the other hand, some of benefits given to employees are not utilized and wasted. Companies tend to maximize the effectiveness of the benefits of their employees without wasting unnecessary money.

### Current Challenges

Making these benefits exchangeable is not easy, also one company cannot offer enough number of selections of benefits.

### Conclusions

These benefits given to employees must be exchangeable, transferrable and distributed between other companies.

### Proposed Solution

To make the benefits exchangeable and transferrable, we need to define them as digital assets, so it will be easier to make these operations. It is also needed a type crypto currency or loyalty token to make the exchange operation easier and more effective. By using a DLT (Distributed Ledger Technology), digital assets and loyalty tokens can be stored, and also can be exchanged and can be transferred.

The other thing that is needed is proof of ownership to those assets and tokens, so we need a Digital Identity as a wallet. A Digital Identity that we will call Employee Identity in this project, will hold the ownership of the assets and tokens on the DLT. People who have Employee Identity on their personal devices such as Mobil Devices or Computers will manage all their assets.

### Value Proposition

This system will reduce the waste of benefits. Some of the benefits doesn't meet the requirements of the employees and they expire before they are used. On the other hand, every benefit that is offered in the system will be available to all the network, so the smaller companies can offer wider selection of benefits to their employees.

### Possible Research Area

- Digitization of benefits, mostly PNR codes
- Security of Digital Identity
- Verification of Digital Identity
- Recovering Digital Identity
- Exchange and Transfer Contracts
- Privacy of Some Assets and Transfers

### Core Technology Research

- Distributed Ledger Technology (DLT)
- Cryptographic Protocols for Verification, Distribution of Identity and Privacy

### Benefits

- One market for all the employee benefits
- Competitive benefit offerings
- Exchangeable and transferrable of benefits and loyalty tokens
- Utilization of benefits and reducing waste in benefits