Entites:

* BaseEntity(abstact)
  + id (UUID)
  + createAt (LocalDateTime)
  + updateAt (LocalDateTime)
  + deleteAt (LocalDateTime)
* Employee(Concrete):
  + name (String)
  + surname (String)
  + phoneNumber (String)
  + socialSecurityNumber (String)

Dtos:

* Requests:
  + CreateEmployeeRequest:
    - name (String)
    - surname (String)
    - phoneNumber (String)
    - socialSecurityNumber (String)
* Responses:
  + EmployeeResponse:
    - name (String)
    - surname (String)
    - id (UUID)

Mappers:

* EmployeeMapper:
  + EmployeeMapper (Interface)
    - fun toEntity (CreateEmployeeRequest): Employee
    - fun toResponse (Employee): EmployeeResponse

Rules:

* EmployeeRules:
  + fun checkPhoneNumber (Employee)
  + fun checkSocialSecurityNumber (Employee)

DataAccess:

* EmployeeRepository
  + fun existsByPhoneNumber (String): Boolean
  + fun existsBySocialNumber (String) : Boolean
  + and JpaRepository functions

Services:

* Abtracts:
  + BaseService<T extends BaseEntity>:
    - fun delete (UUID): Boolean
    - fun getById(UUID): T
  + EmployeeService extends BaseService:
    - fun create(CreateEmployeeRequest): DataResult<EmployeeResponse>
    - fun getAll(): DataResult<List<EmployeeResponse>>
* Concretes:
  + EmployeeManager implements EmployeeService

Common:

* Config:
  + AkgunConfig:
    - redisUrl (Environment Varible)
    - UnifiedJedis (Bean)
    - Gson (Bean)
* Constant
* Messages
  + EmployeeMessages
* Exceptions:
* Errors:
  + EmployeeNotFoundException extends RuntimeException
  + RulesException extends RuntimeException
* Handlers:
  + AkgunExceptionHandler:
    - fun employeeNotFound(EmployeeNotFoundException)
    - fun rulesException(RulesException)
* EmployeeDataService:
  + Abstracts:
    - EmployeeDataService
      * fun getData(): List<EmployeeResponse>
  + Concretes:
    - CashEmployeeDataManager implements EmployeeDataService
    - DbEmployeeDataManager implements EmployeeDataService
    - EmployeeGetDataManager implements EmployeeDataService