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| --- |
| **Model Report**  ModelDiagram  Version 1.0 ● Proposed |
| |  |  |  | | --- | --- | --- | |  | Date/Time Generated: | 9/1/2023 9:29:46 AM | | Author: | ASUS |   EA Repository : D:\Program Files\Sparx Systems\EA\IRSpringboot.EAP |
| |  |  | | --- | --- | | **CREATED WITH** |  | |

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# **M****odelDiagram**

*Package in package 'Model'*

ModelDiagram

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

## **c****om**

*Package in package 'ModelDiagram'*

com

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### **j****uaracoding**

*Package in package 'com'*

juaracoding

Version 1.0 Phase 1.0 Proposed

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#### **I****Rspringbootrestapi**

*Package in package 'juaracoding'*

IRspringbootrestapi

Version 1.0 Phase 1.0 Proposed

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##### **IRspringbootrestapi diagram**

*Class diagram in package 'IRspringbootrestapi'*

IRspringbootrestapi

Version 1.0

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IRspringbootrestapi

##### **C****ontrolller**

*Package in package 'IRspringbootrestapi'*

Controlller

Version 1.0 Phase 1.0 Proposed

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###### **Controlller diagram**

*Class diagram in package 'Controlller'*

Controlller

Version 1.0

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Controlller

###### **OtherConfiguration**

*Class in package 'Controlller'*

OtherConfiguration

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

| **ATTRIBUTES** |
| --- |
| flagLogging : String Private  [ Is static True. Containment is Not Specified. ] |

| **OPERATIONS** |
| --- |
| getFlagLogging () : String Public  [ Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setFlagLogging (flagLogging : String ) : void Private    Properties:  annotations = @Value("${flag.logging}")  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

###### **PersonController**

*Class in package 'Controlller'*

PersonController

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

| **ATTRIBUTES** |
| --- |
| personRepo : PersonRepo Package  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) PersonController | Target: Package personRepo (Interface) PersonRepo |

| **OPERATIONS** |
| --- |
| deletePerson (id : Integer ) : String Public    Properties:  annotations = @DeleteMapping("/deletePerson")  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getPerson (person : Person ) : List<Person> Public    Properties:  annotations = @GetMapping("/getPerson")  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| PersonController (personRepo : PersonRepo ) : Public    Properties:  annotations = @Autowired  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| postPerson (person : Person ) : String Public    Properties:  annotations = @PostMapping("/postPerson")  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

###### **PesertaController**

*Class in package 'Controlller'*

PesertaController

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

| **ATTRIBUTES** |
| --- |
| pesertaRepo : PesertaRepo Package  setiap object harus di instantiate ketika ingin di gunakan  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| pesertaService : PesertaService Package    Properties:  annotations = @Autowired  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) PesertaController | Target: Package pesertaService (Class) PesertaService |

|  |  |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) PesertaController | Target: Package pesertaRepo (Interface) PesertaRepo |

| **OPERATIONS** |
| --- |
| getAllData () : List<Peserta> Public    Properties:  annotations = @GetMapping("/getPeserta")  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getAllDataResp () : ResponseEntity<Object> Public    Properties:  annotations = @GetMapping("/")  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| PesertaController (pesertaRepo : PesertaRepo ) : Public    Properties:  annotations = @Autowired  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| postData (peserta : Peserta ) : String Public    Properties:  annotations = @PostMapping("/postPeserta")  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| searchPesertaById (id : Integer ) : Peserta Public    Properties:  annotations = @GetMapping("/search-peserta-by-id")  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

###### **WelcomeController**

*Class in package 'Controlller'*

WelcomeController

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

| **ATTRIBUTES** |
| --- |
| StrY : String Private    Properties:  annotations = @Value("${flag.logging}")  [ Is static False. Containment is Not Specified. ] |

| **OPERATIONS** |
| --- |
| firstPage () : String Public    Properties:  annotations = @GetMapping("/permisi")  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| kirimFile (file : MultipartFile ) : String Public    Properties:  annotations = @PostMapping("/kirimFile")  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| postAddress (address : Address ) : Map<String, Object> Public    Properties:  annotations = @PostMapping("/postAddress")  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| postParam (firstName : String , lastName : String , action : String ) : String Public    Properties:  annotations = @PostMapping("/postParam")  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| postPath (firstName : String , lastName : String , action : String ) : String Public    Properties:  annotations = @PostMapping("/postPath/{firstName}/{lastName}/{action}")  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### 

##### **Model**

*Package in package 'IRspringbootrestapi'*

Model

Version 1.0 Phase 1.0 Proposed

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###### **Model diagram**

*Class diagram in package 'Model'*

Model

Version 1.0

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Model

###### **Address**

*Class in package 'Model'*

Address

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

| **ATTRIBUTES** |
| --- |
| id : Integer Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| province : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| zipCode : String Private  [ Is static False. Containment is Not Specified. ] |

| **OPERATIONS** |
| --- |
| getId () : Integer Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getProvince () : String Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getZipCode () : String Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setId (id : Integer ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setProvince (province : String ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setZipCode (zipCode : String ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

###### **Person**

*Class in package 'Model'*

Person

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

| **ATTRIBUTES** |
| --- |
| address : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| id : Integer Private    Properties:  annotations = @Id@GeneratedValue(strategy = GenerationType.IDENTITY)  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| jenisKelamin : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| nama : String Private    Properties:  annotations = @Column(name = "nama",nullable = false,length = 25,unique = true)@Length(min = 5,max = 25,message = ConstantPerson.DATA\_NOT\_LENGTH)@NotNull(message = ConstantPerson.DATA\_NOT\_NULL)@NotEmpty(message = ConstantPerson.DATA\_NOT\_EMPTY)  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| peserta : Peserta Private    Properties:  annotations = @ManyToOne  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| umur : String Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) Person | Target: Private peserta (Class) Peserta |

|  |  |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) PersonService | Target: Private person (Class) Person |

| **OPERATIONS** |
| --- |
| getAddress () : String Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getId () : Integer Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getJenisKelamin () : String Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getNama () : String Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getPeserta () : Peserta Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getUmur () : String Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setAddress (address : String ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setId (id : Integer ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setJenisKelamin (jenisKelamin : String ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setNama (nama : String ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setPeserta (peserta : Peserta ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setUmur (umur : String ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

###### **Peserta**

*Class in package 'Model'*

Peserta

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

| **ATTRIBUTES** |
| --- |
| alamat : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| batch : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| id : Integer Private    Properties:  annotations = @Id@GeneratedValue(strategy = GenerationType.IDENTITY)  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| nama : String Private    Properties:  annotations = @Column(name = "nama",nullable = false,length = 25)@Length(min = 5,max = 25,message = "Minimal")@NotNull(message = "Data tidak boleh NULL")@NotEmpty(message = "Data tidak boleh kosong")  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) Person | Target: Private peserta (Class) Peserta |

| **OPERATIONS** |
| --- |
| getAlamat () : String Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getBatch () : String Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getId () : Integer Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getNama () : String Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setAlamat (alamat : String ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setBatch (batch : String ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setId (id : Integer ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setNama (nama : String ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### 

##### **configuration**

*Package in package 'IRspringbootrestapi'*

configuration

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

###### **configuration diagram**

*Class diagram in package 'configuration'*

configuration

Version 1.0

ASUS created on 9/1/2023. Last modified 9/1/2023



configuration

###### **MainConfiguration**

*Class in package 'configuration'*

MainConfiguration

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

| **ATTRIBUTES** |
| --- |
| environment : Environment Private    Properties:  annotations = @Autowired  [ Is static False. Containment is Not Specified. ] |

| **OPERATIONS** |
| --- |
| getDataSource () : DataSource Public    Properties:  annotations = @Primary@Bean  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### 

##### **core**

*Package in package 'IRspringbootrestapi'*

core

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

###### **core diagram**

*Class diagram in package 'core'*

core

Version 1.0

ASUS created on 9/1/2023. Last modified 9/1/2023



core

###### **Crypto**

*Class in package 'core'*

Crypto

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

| **ATTRIBUTES** |
| --- |
| defaultKey : String Private = "aafd12f438cae52538b479e2089ddec2f06cb58faafd12f6"  private static String defaultKey = "aafd12f438cae52538b479e2089ddec2f06cb58faafd12f6";  [ Is static True. Containment is Not Specified. ] |

| **OPERATIONS** |
| --- |
| main (args : String[] ) : void Public  [ Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| performDecrypt (keyText : String , cryptoText : String ) : String Public  [ Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| performDecrypt (cryptoText : String ) : String Public  [ Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| performEncrypt (keyText : String , plainText : String ) : String Public  [ Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| performEncrypt (cryptoText : String ) : String Public  [ Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### 

##### **dto**

*Package in package 'IRspringbootrestapi'*

dto

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

###### **dto diagram**

*Class diagram in package 'dto'*

dto

Version 1.0

ASUS created on 9/1/2023. Last modified 9/1/2023



dto

###### **DtoPerson**

*Class in package 'dto'*

DtoPerson

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

##### 

##### **handler**

*Package in package 'IRspringbootrestapi'*

handler

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

###### **handler diagram**

*Class diagram in package 'handler'*

handler

Version 1.0

ASUS created on 9/1/2023. Last modified 9/1/2023



handler

###### **ApiError**

*Class in package 'handler'*

ApiError

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

| **ATTRIBUTES** |
| --- |
| errorCode : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| message : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| path : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| serverResponse : HttpStatus Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| status : int Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| subErrors : List<ApiValidationError> Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| timestamp : LocalDateTime Private    Properties:  annotations = @JsonFormat(shape = JsonFormat.Shape.STRING, pattern = "dd-MM-yyyy hh:mm:ss")  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) ApiError | Target: Private subErrors (Class) ApiValidationError  Cardinality: [0..\*] |

| **OPERATIONS** |
| --- |
| ApiError () : Private  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| ApiError (serverResponse : HttpStatus ) : Package  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| ApiError (serverResponse : HttpStatus , ex : Throwable ) : Package  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| ApiError (serverResponse : HttpStatus , message : String , ex : Throwable , path : String , errorCode : String ) : Package  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getErrorCode () : String Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getMessage () : String Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getPath () : String Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getServerResponse () : HttpStatus Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getStatus () : int Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getSubErrors () : List<ApiValidationError> Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getTimestamp () : LocalDateTime Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setErrorCode (errorCode : String ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setMessage (message : String ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setPath (path : String ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setServerResponse (serverResponse : HttpStatus ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setStatus (status : int ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setSubErrors (subErrors : List<ApiValidationError> ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setTimestamp (timestamp : LocalDateTime ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

###### **ApiValidationError**

*Class in package 'handler'*

ApiValidationError

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

| **ATTRIBUTES** |
| --- |
| field : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| message : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| object : String Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| rejectedValue : Object Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) ApiError | Target: Private subErrors (Class) ApiValidationError  Cardinality: [0..\*] |

|  |  |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) GlobalExceptionHandler | Target: Private lsSubError (Class) ApiValidationError  Cardinality: [0..\*] |

| **OPERATIONS** |
| --- |
| ApiValidationError (field : String , message : String , rejectedValue : Object , object : String ) : Package  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getField () : String Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getMessage () : String Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getObject () : String Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| getRejectedValue () : Object Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setField (field : String ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setMessage (message : String ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setObject (object : String ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| setRejectedValue (rejectedValue : Object ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

###### **GlobalExceptionHandler**

*Class in package 'handler'*

GlobalExceptionHandler

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

Extends ResponseEntityExceptionHandler

| **ATTRIBUTES** |
| --- |
| lsSubError : List<ApiValidationError> Private = new ArrayList<ApiValidationError>()  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) GlobalExceptionHandler | Target: Private lsSubError (Class) ApiValidationError  Cardinality: [0..\*] |

| **OPERATIONS** |
| --- |
| buildResponseEntity (apiError : ApiError ) : ResponseEntity<Object> Private  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| handleExceptionInternal (ex : Exception , body : Object , headers : HttpHeaders , status : HttpStatus , request : WebRequest ) : ResponseEntity<Object> Protected    Properties:  annotations = @Override  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| handleMethodArgumentNotValid (ex : MethodArgumentNotValidException , headers : HttpHeaders , status : HttpStatus , request : WebRequest ) : ResponseEntity<Object> Protected    Properties:  annotations = @Override@ResponseStatus(HttpStatus.UNPROCESSABLE\_ENTITY)  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### 

##### **repo**

*Package in package 'IRspringbootrestapi'*

repo

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

###### **repo diagram**

*Class diagram in package 'repo'*

repo

Version 1.0

ASUS created on 9/1/2023. Last modified 9/1/2023



repo

###### **PersonRepo**

*Interface in package 'repo'*

PersonRepo

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

Extends JpaRepository

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) PersonController | Target: Package personRepo (Interface) PersonRepo |

###### **PesertaRepo**

*Interface in package 'repo'*

PesertaRepo

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

Extends JpaRepository

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) PesertaService | Target: Private pesertaRepo (Interface) PesertaRepo |

|  |  |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) PesertaController | Target: Package pesertaRepo (Interface) PesertaRepo |

##### 

##### **service**

*Package in package 'IRspringbootrestapi'*

service

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

###### **service diagram**

*Class diagram in package 'service'*

service

Version 1.0

ASUS created on 9/1/2023. Last modified 9/1/2023



service

###### **PersonService**

*Class in package 'service'*

PersonService

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

| **ATTRIBUTES** |
| --- |
| person : Person Private  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) PersonService | Target: Private person (Class) Person |

| **OPERATIONS** |
| --- |
| PersonService (person : Person ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

###### **PesertaService**

*Class in package 'service'*

PesertaService

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

| **ATTRIBUTES** |
| --- |
| pesertaRepo : PesertaRepo Private  [ Is static False. Containment is Not Specified. ] |

|  |
| --- |
| strExceptionArr : String Private = new String[2]  [ Is static False. Containment is Not Specified. ] |

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) PesertaService | Target: Private pesertaRepo (Interface) PesertaRepo |

|  |  |
| --- | --- |
| Association (direction: Source -> Destination) | |
| Source: Public (Class) PesertaController | Target: Package pesertaService (Class) PesertaService |

| **OPERATIONS** |
| --- |
| PesertaService (pesertaRepo : PesertaRepo ) : Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| save (peserta : Peserta ) : void Public  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### 

##### **util**

*Package in package 'IRspringbootrestapi'*

util

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

###### **util diagram**

*Class diagram in package 'util'*

util

Version 1.0

ASUS created on 9/1/2023. Last modified 9/1/2023



util

###### **ConstantPerson**

*Class in package 'util'*

ConstantPerson

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

| **ATTRIBUTES** |
| --- |
| DATA\_NOT\_EMPTY : String Public Const = "Data tidak boleh kosong"  [ Is static True. Containment is Not Specified. ] |

|  |
| --- |
| DATA\_NOT\_LENGTH : String Public Const = "Data minimal = 5 huruf dan maksimal = 25 "  [ Is static True. Containment is Not Specified. ] |

|  |
| --- |
| DATA\_NOT\_NULL : String Public Const = "Data tidak boleh NUL"  [ Is static True. Containment is Not Specified. ] |

###### **FileUtility**

*Class in package 'util'*

FileUtility

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

| **OPERATIONS** |
| --- |
| saveFile (uploadDir : String , fileName : String , multipartFile : MultipartFile ) : void Public    Properties:  throws = IOException  [ Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

###### **LoggingFile**

*Class in package 'util'*

LoggingFile

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

| **ATTRIBUTES** |
| --- |
| logger : Logger Private = Logger.getLogger(LoggingFile.class)  [ Is static True. Containment is Not Specified. ] |

|  |
| --- |
| sbuilds : StringBuilder Private = new StringBuilder()  [ Is static True. Containment is Not Specified. ] |

| **OPERATIONS** |
| --- |
| exceptionStringz (datax : String[] , e : Exception , flag : String ) : void Public  [ Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

|  |
| --- |
| exceptionStringz (datax : String[] , e : Exception , flag : String , addNotes : String ) : void Public  [ Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **IRspringbootrestapiApplication**

*Class in package 'IRspringbootrestapi'*

IRspringbootrestapiApplication

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

| **OPERATIONS** |
| --- |
| main (args : String[] ) : void Public  [ Is static True. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |

##### **IRspringbootrestapiApplicationTests**

*Class in package 'IRspringbootrestapi'*

IRspringbootrestapiApplicationTests

Version 1.0 Phase 1.0 Proposed

ASUS created on 9/1/2023. Last modified 9/1/2023

| **OPERATIONS** |
| --- |
| contextLoads () : void Package    Properties:  annotations = @Test  [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ] |