Validation Handler Module Classes

DMS-KFS

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| --- | --- |
| **Color** | **Description** |
| Red | This property or method is private |
| Blue | This property or method is protected |
| Green | This property or method is static |
| Black | This property or method is public |
| \*\* | This property is a const |
| >> | This Method is abstract |
| << | This is Final |

1. Validation Manager

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| --- | --- | --- |
| Property | Data Type | Description |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Method | Arguments | Return Type | Description | Possible Exceptions |

1. Validation Constants

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| --- | --- | --- |
| Property | Data Type | Description |
| PHONE\_NUMBER\_LENGTH\*\* | Int |  |
| ACADMIC\_NUMBER\_LENGTH\*\* | Int |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Method | Arguments | Return Type | Description | Possible Exceptions |

1. Validator>>

|  |  |  |
| --- | --- | --- |
| Property | Data Type | Description |
| Error | String |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Method | Arguments | Return Type | Description | Possible Exceptions |
| Validate>> |  | Boolean | Checks whether a validator object is valid or not by calling all of the object validating methods depending on defined rules |  |
| getError<< |  | String | If there is any errors it gets them |  |
| isErrorPresent<< |  | Boolean | Checks whether error is present or not |  |

1. PersonValidator : Validator

|  |  |  |
| --- | --- | --- |
| Property | Data Type | Description |
| personToValidate | Person |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Method | Arguments | Return Type | Description | Possible Exceptions |
| validateSingleName |  | String | Return detailed error messages if there is any |  |
| checkEmail |  | String | Return detailed error messages if there is any |  |
| checkInstitution |  | String | Return detailed error messages if there is any and Error to reflect error message |  |
| checkGender |  | String | Return detailed error messages if there is any |  |
| checkPhoneNumber |  | String | Return detailed error messages if there is any |  |
| validateAcadmicNumber |  |  | Return detailed error messages if there is any |  |
| validate |  | boolean | Run all the pervious functions to test all possible errors |  |

1. FileValidator : Validator

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| --- | --- | --- |
| Property | Data Type | Description |
| fileToValidate | File |  |

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| --- | --- | --- | --- | --- |
| Method | Arguments | Return Type | Description | Possible Exceptions |

1. FolderValidator : Validator

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| --- | --- | --- |
| Property | Data Type | Description |
| FolderToValidate | Folder |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Method | Arguments | Return Type | Description | Possible Exceptions |