DTO Documentation

# UserReqDto

This DTO is for creating a new user, including password fields.

[  
 {

// Admin

676ca11f-2f11-4f52-b7df-a7cc871c2bca  
 "email": "alice.johnson@example.com",  
 "username": "alicej",  
 "fullName": "Alice Johnson",  
 "nationalId": "12345678901284",  
 "phoneNumber": "+15551234567",  
 "dateOfBirth": "1990-05-15",  
 "password": "Password123!",  
 "passwordConfirm": "Password123!"  
 },  
 {

6a1ed782-5c64-4d33-9af3-6cbdcfac749c

// Admin  
 "email": "bob.smith@webmail.com",  
 "username": "bob",  
 "fullName": "Robert 'Bob' Smith",  
 "nationalId": "98765A",  
 "phoneNumber": "555-4321",  
 "dateOfBirth": "1985-11-01",  
 "password": "p@ssw0rdMin",  
 "passwordConfirm": "p@ssw0rdMin"  
 },

{

// Client

9db7c844-bfda-4b19-85f5-47cbd8ff1d2f

"email": "carol.danvers@shield.gov",  
 "username": "captainmarvel",  
 "fullName": "Carol Susan Jane Danvers",  
 "nationalId": "A987-B654-C321",  
 "phoneNumber": "+442079460000",  
 "dateOfBirth": "1970-04-24",  
 "password": "Carol@12345",  
 "passwordConfirm": "Carol@12345"  
 },  
 {

"email": "david.lee@my-domain.co.uk",  
 "username": "dlee\_88",  
 "fullName": "David Lee",  
 "nationalId": "2950101123456",  
 "phoneNumber": "01632 960123",  
 "dateOfBirth": "1988-01-01",  
 "password": "mySecureP@ssw0rd",  
 "passwordConfirm": "mySecureP@ssw0rd"  
 },

{

// Client

cdccd063-728d-4c24-97c0-c57b0fc61b42

"email": "samantha.example@web.com",  
 "username": "this\_is\_a\_very\_long\_username\_that\_is\_50\_chars\_long",  
 "fullName": "Samantha Williamson",  
 "nationalId": "Z1Y2X3W4V5",  
 "phoneNumber": "(555) 867-5309",  
 "dateOfBirth": "2001-12-10",  
 "password": "Samantha@1234",

"passwordConfirm":"Samantha@1234"  
 }  
]

# UserEditDto

This DTO is for updating a user's profile information (no passwords).

[  
 {  
 "email": "alice.johnson@new-email.com",  
 "username": "alicej",  
 "fullName": "Alice Johnson-Smith",  
 "nationalId": "12345678901284",

"phoneNumber": "+15557654321",  
 "dateOfBirth": "1990-05-15"  
 },  
 {  
 "email": "bob@example.io",  
 "username": "bob",  
 "fullName": "B. Smith",  
 "nationalId": "98765",  
 "phoneNumber": "5554321",  
 "dateOfBirth": "1985-11-01"  
 },  
 {  
 "email": "carol.danvers@shield.gov",  
 "username": "captainmarvel\_updated",  
 "fullName": "Carol Susan Jane Danvers",  
 "nationalId": "A987-B654-C321",  
 "phoneNumber": "+442079460999",  
 "dateOfBirth": "1970-04-24"  
 },  
 {  
 "email": "d.lee@new-provider.com",  
 "username": "dlee\_88",  
 "fullName": "David Lee",  
 "nationalId": "2950101123456",  
 "phoneNumber": "01632 960123",  
 "dateOfBirth": "1988-01-01"  
 },  
 {  
 "email": "samantha.example@web.com",  
 "username": "this\_is\_a\_very\_long\_username\_that\_is\_50\_chars\_long",  
 "fullName": "Samantha Williamson",  
 "nationalId": "Z1Y2X3W4V5",  
 "phoneNumber": "(555) 867-5309",  
 "dateOfBirth": "2001-12-10"  
 }  
]

# ChangePasswordReqDto

This DTO is for changing a password. currentPassword is nullable, so it can be null (e.g., for an admin reset).

[  
 {  
 "currentPassword": "Password123!",  
 "newPassword": "NewPassword456!",  
 "confirmNewPassword": "NewPassword456!"  
 },  
 {  
 "currentPassword": null,  
 "newPassword": "AdminResetP@ssw0rd",  
 "confirmNewPassword": "AdminResetP@ssw0rd"  
 },  
 {  
 "currentPassword": "p@ssw0rdMin",  
 "newPassword": "new123",  
 "confirmNewPassword": "new123"  
 },  
 {  
 "currentPassword": "mySecureP@ssw0rd",  
 "newPassword": "Sup3rS!cure&N3wP@sswrd",  
 "confirmNewPassword": "Sup3rS!cure&N3wP@sswrd"  
 },  
 {  
 "currentPassword": "another\_safe\_password\_123",  
 "newPassword": "Fall2025!Password",  
 "confirmNewPassword": "Fall2025!Password"  
 },  
]

# AccountReqDto

This generic DTO creates an account. Based on your comment, AccountType uses numeric values (e.g., 1=Savings, 2=Checking).

# CheckingAccountEditDto

This DTO edits properties of a checking account.

# CheckingAccountReqDto

This DTO creates a new checking account.

# SavingsAccountEditDto

This DTO edits properties of a savings account. I'm assuming InterestType is an enum serialized to numbers (e.g., 0=Simple, 1=Compound).

# SavingsAccountReqDto

This DTO creates a new savings account. I'm again assuming InterestType serializes to numbers (0=Simple, 1=Compound).

# DepositReqDto

This DTO is for making a deposit. The Amount must be at least 0.01.

# WithdrawReqDto

This DTO is for making a withdrawal. The Amount must be at least 0.01.

# TransferReqDto

This DTO is for transferring between accounts. The Amount must be at least 0.01.