/api/investments

Resource Structure:

Field	Type	Description
id	Long	Unique identifier for the investment
type	String	Type of the investment
amountUSD	Double	Amount of the investment in USD
investmentDate	Date	Date of the investment
personId	Long	ID of the associated person

POST https://api.example.com/api/investments

Creates a new investment. Request:

```
{
  "type": "Stocks",
  "amountUSD": 1000.0,
  "investmentDate": "2023-10-01",
  "personId": 1
}
```

Response:

```
{
  "id": 1,
  "type": "Stocks",
  "amountUSD": 1000.0,
  "investmentDate": "2023-10-01",
  "personId": 1
}
```

GET https://api.example.com/api/investments/person/{personId}

Retrieves investments by person ID. Request:

```
{}
```

Response:

```
[
  {
    "id": 1,
    "type": "Stocks",
    "amountUSD": 1000.0,
    "investmentDate": "2023-10-01",
    "personId": 1
```

```
    },
    {
      "id": 2,
      "type": "Bonds",
      "amountUSD": 500.0,
      "investmentDate": "2023-09-15",
      "personId": 1
    }
]
```

GET https://api.example.com/api/investments/person/{personId}/total

Calculates the total invested amount by person. Request:

```
{}
```

Response:

```
1000.0
```

PUT https://api.example.com/api/investments/{id}

Updates an existing investment. Request:

```
{
  "type": "Bonds",
  "amountUSD": 1500.0,
  "investmentDate": "2023-10-05",
  "personId": 1
}
```

Response:

```
{
  "id": 1,
  "type": "Bonds",
  "amountUSD": 1500.0,
  "investmentDate": "2023-10-05",
  "personId": 1
}
```

DELETE https://api.example.com/api/investments/{id}

Deletes an investment. Request:

```
{}
```

Response:

```
{}
```

/api/persons

Resource Structure:

Field	Type	Description
id	Long	Unique identifier for the person
fullName	String	Full name of the person
email	String	Email address of the person
taxId	String	Tax identification number
investments	List<InvestmentDTO>	List of associated investments

POST https://api.example.com/api/persons

Creates a new person. Request:

```json
{
  "fullName": "John Doe",
  "email": "john.doe@example.com",
  "taxId": "123-45-6789"
}
```

Response:

```json
{
  "id": 1,
  "fullName": "John Doe",
  "email": "john.doe@example.com",
  "taxId": "123-45-6789",
  "investments": []
}
```

GET https://api.example.com/api/persons

Retrieves all persons. Request:

```json
{}
```

Response:

```json
[
  {
    "id": 1,
    "fullName": "John Doe",
    "email": "john.doe@example.com",
    "taxId": "123-45-6789",
    "investments": []
  },
  {
    "id": 2,
    "fullName": "Jane Smith",
    "email": "jane.smith@example.com",
```

```
      "taxId": "987-65-4321",
      "investments": []
    }
  }
]
```

GET https://api.example.com/api/persons/{id}

Retrieves a person by their ID. Request:

```
{}
```

Response:

```
{
  "id": 1,
  "fullName": "John Doe",
  "email": "john.doe@example.com",
  "taxId": "123-45-6789",
  "investments": []
}
```

PUT https://api.example.com/api/persons/{id}

Updates a person by their ID. Request:

```
{
  "fullName": "Johnathan Doe",
  "email": "john.doe@example.com",
  "taxId": "123-45-6789"
}
```

Response:

```
{
  "id": 1,
  "fullName": "Johnathan Doe",
  "email": "john.doe@example.com",
  "taxId": "123-45-6789",
  "investments": []
}
```

DELETE https://api.example.com/api/persons/{id}

Deletes a person by their ID. Request:

```
{}
```

Response:

```
{}
```