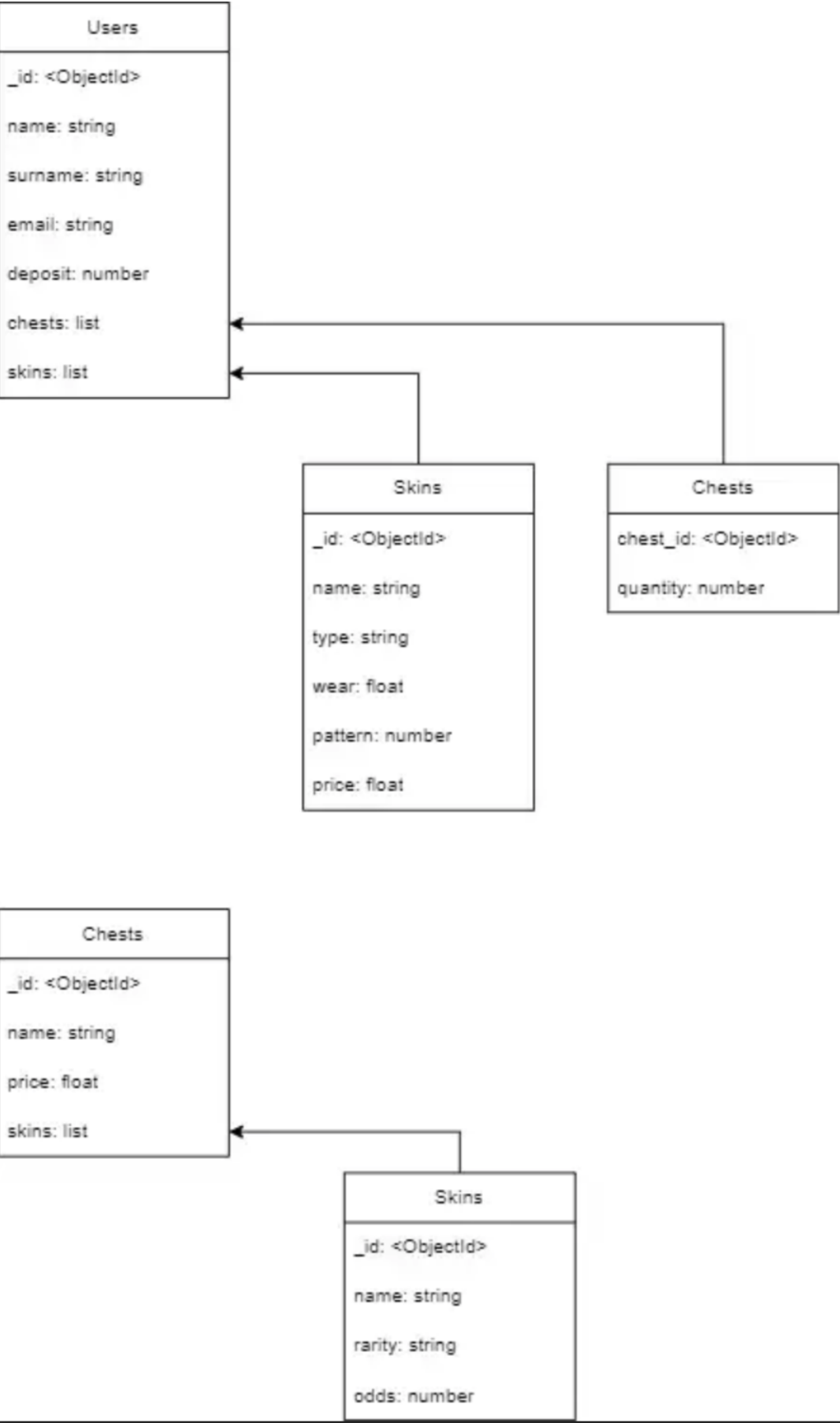# Sprawozdanie

Schemat bazy danych



Schemat

```
const UserSchema = {
    $jsonSchema: {
        bsonType: "object",
        required: ["name", "surname", "email", "deposit", "chests", "skins"],
        properties: {
            name: {
                bsonType: "string",
                description: "Must be a string",
                pattern: "^.{0,20}$"
            },
            surname: {
                bsonType: "string",
                description: "Must be a string",
                pattern: "^.{0,20}$"
            },
            email: {
                bsonType: "string",
                pattern: "^[a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}$"
            },
            depostit: {
                bsonType: "float",
                minimum: 0
            },
            chests: {
                bsonType: "array",
                items: {
                    bsonType: "object",
                    required: ["chest_id", "quantity"],
                    properties: {
                        chest_id: {
                            bsonType: "ObjectId"
                        },
                        quantity: {
                            bsonType: "int",
                            minimum: 0
                        }
                    }
                }
            },
            skins: {
                bsonType: "array",
                items: {
                    bsonType: "object",
                    required: ["name", "type", "wear", "pattern", "price"],
                    properties: {
                        name: {
                            bsonType: "string",
                            description: "Must be a string"
                        },
                        type: {
                            bsonType: "string",
                            description: "Must be a string"
                        },
                        wear: {
                            bsonType: "float",
                            minimum: 0.0,
                            maximum: 1.0
                        },
                        pattern: {
                            bsonType: "int",
                            minimum: 0
                        },
                        price: {
                            bsonType: "float",
                            minimum: 0.0
                        }
                    }
                }
            }
        }
    }
}

const ChestSchema = {
    $jsonSchema: {
        bsonType: "object",
        required: ["name", "price", "skins"],
        properties: {
            name: {
                bsonType: "string",
                description: "Must be a string",
                pattern: "^.{0,100}$"
            },
            price: {
                bsonType: "float",
                minimum: 0.0
            },
            skins: {
                bsonType: "array",
```

```
            items: {
                bsonType: "object",
                required: ["name", "rarity", "odds"],
                properties: {
                    name: {
                        bsonType: "string",
                        description: "Must be a string",
                        pattern: "^.{0,100}$"
                    },
                    rarity: {
                        bsonType: "string",
                        description: "Must be a string",
                        pattern: "^.{0,100}$"
                    },
                    odds: {
                        bsonType: "float",
                        minimum: 0.0,
                        maximum: 1.0
                    }
                }
            }
        }
    }
}
```