

Sneaker Store

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Users

This collection stores all the users. Users will be able to log in, update their details, and buy and sell sneakers.

```
{
  "_id": "61854ae1b2b0b711ca4dc7a0",
  "firstName": "John",
  "lastName": "Doe",
  "email": "john@doe.com",
  "passwordHash": "$2a$12$yY44c.Fe0ThBJd7bBum7lOTyU8mIJVBdo4iyKSP.Lg49qnI4GZltK",
  "address": "1 Castle Point Terrace, Hoboken, NJ 07307",
  "phoneNumber": "(123)-456-7890",
  "isAdmin": false,
  "sneakersListed": [
    "61854ae1b2b0b711ca4dc7a1",
    "61854ae1b2b0b711ca4dc7a2"
  ],
  "sneakersBought": [
    "61854ae1b2b0b711ca4dc7a3",
    "61854ae1b2b0b711ca4dc7a4",
    "61854ae1b2b0b711ca4dc7a5"
  ]
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent the user
passwordHash	string	The hashed password after hashing it via bcrypt
sneakersListed	array	An array that stores the ids of the sneakers which the user wants to sell
sneakersBought	array	An array that stores the ids of the sneakers which the user has bought

Sneakers

This collection stores all the sneakers. Sneakers can have reviews posted about them and have questions posted about the sneakers to which users can provide the answers. If the sneaker is out of stock, then there is also an option to notify that user when the sneaker is back in stock.

```
{
  "_id": "61854e47c667bbce7fee22e6",
  "brandName": "Nike",
  "modelName": "Air Jordans",
  "sizesAvailable": {
    "8": 1,
    "9": 2,
    "10": 3
  },
  "price": 199,
  "images": ["https://testimage.com/1", "https://testimage.com/2"],
  "reviews": [
    "61854ecd886c94e957152f42",
    "61854ed77dfa4e7fc167e36c"
  ],
  "overallRating": 4.5,
  "qAndA": [
    "6185525b6594bbbe9dd9cbda",
    "618552646c7d358505d0225b"
  ],
  "listedBy": "61854ae1b2b0b711ca4dc7a0",
  "notify": [
    {
      "userId": "61854ae1b2b0b711ca4dc7a2",
      "size": 7
    }
  ]
}
```

Name	Type	Description
reviews	array	An array that stores the ids of the reviews posted for this sneaker
qAndA	array	An array that stores the ids of the questions and answers for this sneaker
listedBy	string	The id of the user that has listed this sneaker
Notify	array	An array of objects containing the the id of the user that has to be notified about a particular sneaker size

Reviews

This collection stores all the reviews for all the sneakers. Users will be able to write reviews for sneakers with a title, the review and a rating from 1-5.

```
{
  "_id": "6185554bff35f737b1b19d67",
  "reviewedBy": "61855544b4101ba33475a5b1",
  "reviewFor": "6185558f552b5de68de55d4",
  "title": "Great sneakers!",
  "review": "I can practically fly with them!",
  "rating": 5
}
```

Name	Type	Description
reviewdBy	string	The id of the user who has written this review
reviewFor	string	The id of the sneaker for which the review is being written
rating	number	A rating between 1 and 5 for the sneaker

Reports

This collection stores all the reports for all the reviews. Users will be able to report reviews that for several reasons (spam, abusive content, inappropriate content, etc.)

```
{
  "_id": "618553358da958eaf20045cf",
  "reportedBy": "61855355713142269d630a64",
  "reportFor": "61855369a0654ee0de32dc9f",
  "reportReasons": ["spam", "abusive", "inappropriate"]
}
```

Name	Type	Description
reportedBy	string	The id of the user who has reported a review
reportFor	string	The id of the review that is being reported
reportReasons	array	An array of reasons for which the review is being reported

Q & A

This collection stores all the questions and answers for all the sneakers. Users will be able to ask and answer questions about the sneakers.

```
{
  "_id": "6185568bb325da876c71161b",
  "qAndAFor": "618556a21e620c2795d7b43b",
  "questionBy": "618556b82bcdbeb23d953390",
  "question": "Can I fly with these sneakers?",
  "answers": [
    {
      "answeredBy": "618556f174756a1c76156c1b",
      "answer": "Pretty much!"
    }
  ]
}
```

Name	Type	Description
qAndAFor	string	The id of the sneaker for which the Q & A thread is for
questionBy	string	The id of the user that has asked this question
answers	array	An array of objects containing the id of the user answering the question and their answer