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Assignment 5.2 - Projections

These codes below add a new user to the user's collection

```
Atlas atlas-whx0uc-shard-0 [primary] web335DB> db.users.insertOne({firstName: "Mabel", lastName: "Fisame", employeeId: "1101", email: "mbel@me.com", dateCreated: new Date()})
{
  acknowledged: true,
  insertedId: ObjectId("631deac1906e04c79bebb19f")
}
```

This query update Mozart's email address from wmozart@me.com to mozart@me.com

```
Atlas atlas-whx0uc-shard-0 [primary] web335DB> db.users.updateOne({_id: ObjectId("6310968007ed4af7ce775961")}, {$set: {email: "mozart@me.com"}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

This query show that Mozart's email address changed.

```
Atlas atlas-whx0uc-shard-0 [primary] web335DB> db.users.findOne({email: "mozart@me.com"})
{
  _id: ObjectId("6310968007ed4af7ce775961"),
  firstName: 'Wolfgang',
  lastName: 'Mozart',
  employeeId: '1009',
  email: 'mozart@me.com',
  dateCreated: ISODate("2022-09-01T11:24:48.464Z")
}
```

This query list all documents in the user's collection displaying only firstName, lastName, and email fields

```
Atlas atlas-whx0uc-shard-0 [primary] web335DB> db.users.aggregate([{$project: {_id: 0, firstName: 1, lastName: 1, email: 1}}])
[
  { firstName: 'Johann', lastName: 'Bach', email: 'jbach@me.com' },
  {
    firstName: 'Ludwig',
    lastName: 'Beethoven',
    email: 'lbeethoven@me.com'
  },
  { firstName: 'Wolfgang', lastName: 'Mozart', email: 'mozart@me.com' },
  {
    firstName: 'Johannes',
    lastName: 'Brahms',
    email: 'jbrahms@me.com'
  },
  { firstName: 'Richard', lastName: 'Wagner', email: 'rwagner@me.com' },
  {
    firstName: 'Claude',
    lastName: 'Debussy',
    email: 'cdebussy@me.com'
  },
  { firstName: 'Mabel', lastName: 'Fisame', email: 'mbel@me.com' }
]
```