

# User Authorization



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# Touch Points



- Michelangelo Buonarroti via Wikimedia Commons

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- ✓ Retrieving Data
- ✓ Filtering, Shaping, Querying Data
- ✓ Saving Data
- ✓ Error Handling
- ✓ User Authentication
- User Authorization

# Module Objectives

Protecting a  
Resource

- No restrictions
- Logged in users
- Roles
- Users

Accessing  
Protected  
Resources

```
[Authorize]  
[ResponseType(typeof(Product))]  
public IHttpActionResult Get(int id)
```

## Protecting a Resource with the Authorize Attribute

Controller

Action method

```
[Authorize(Roles="Administrators, Support")]  
[Authorize(Users="abc@abc.com, admin@abc.com")]
```

## Authorize Options

Roles

Users

# Accessing a Restricted Resource

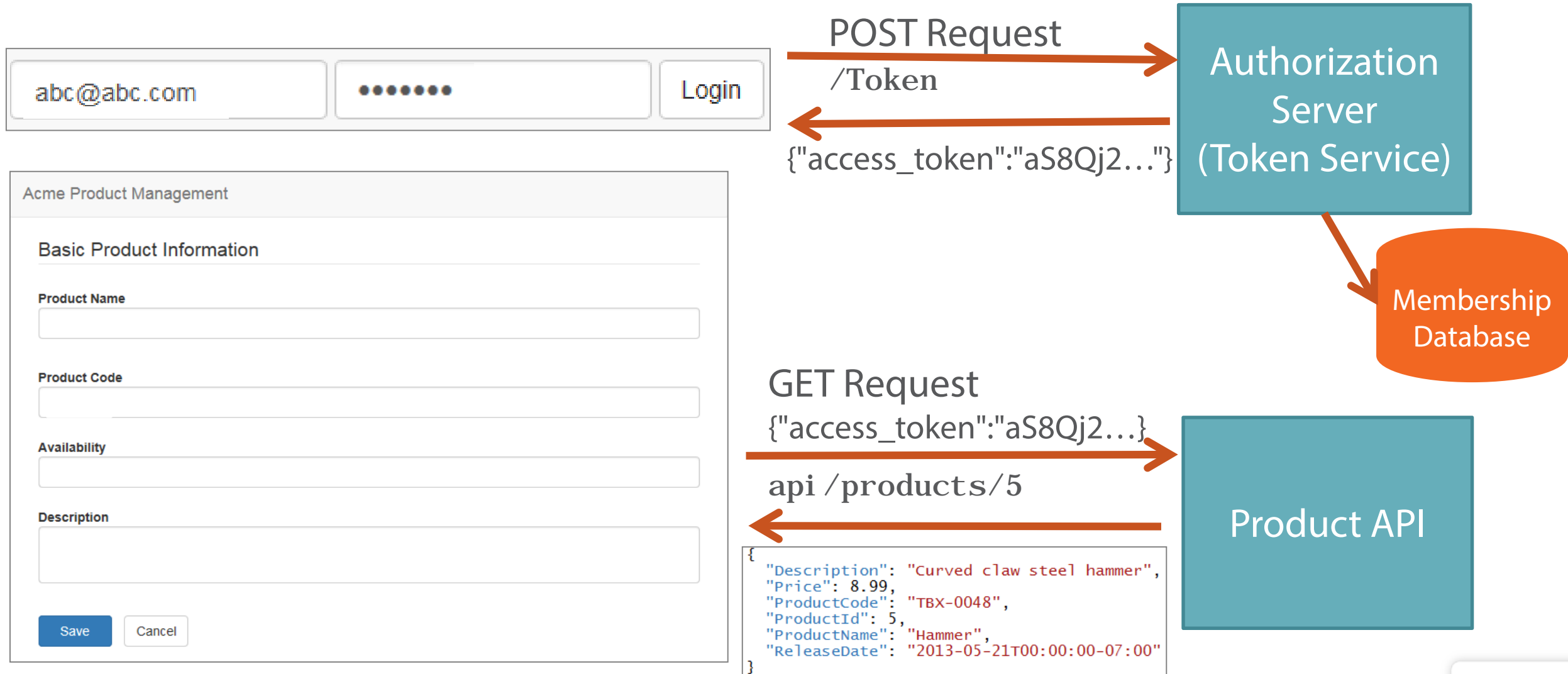
## Client

- Authenticate User
- Pass access token in request

## Back-End Service

- Authorize attribute
  - Restricts access to a controller class or action method

# User Authorization



# Refactoring for User Authorization

New Service:  
currentUser

Modified  
Controller:  
mainCtrl

Modified Service:  
productResource



# This Module Covered



Protecting a Resource

Authorize Attribute

Accessing Protected Resources

Authorization Header

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