

## POST /signup

localhost:8000/signup

Create a new account on Crossdeals

**Body** urlencoded

username	string
password	string

JavaScript - XHR

```
// WARNING: For POST requests, body is set to null by browsers.  
var data = "username=example&password=example";  
  
var xhr = new XMLHttpRequest();  
xhr.withCredentials = true;  
  
xhr.addEventListener("readystatechange", function() {  
    if(this.readyState === 4) {  
        console.log(this.responseText);  
    }  
});  
  
xhr.open("POST", "localhost:8000/signup");  
xhr.setRequestHeader("Content-Type", "application/json");  
  
xhr.send(data);
```

## Response

Code	Body
200	User Created
403	Missing username or password
409	User already exists

## POST /login

localhost:8000/login

Login to an existing account

**Body** urlencoded

username	string
password	string

JavaScript - XHR

```
// WARNING: For POST requests, body is set to null by browsers.  
var data = "username=test01&password=test01";  
  
var xhr = new XMLHttpRequest();  
xhr.withCredentials = true;  
  
xhr.addEventListener("readystatechange", function() {  
    if(this.readyState === 4) {  
        console.log(this.responseText);  
    }  
});  
  
xhr.open("POST", "localhost:8000/login");  
xhr.setRequestHeader("Content-Type", "application/json");  
  
xhr.send(data);
```

## Response

Code	Body
200	Login ok
403	Password does not match/User does not exist
500	Password comparison error

## GET/wishlist/index

localhost:8000/wishlist/index

Gets the wishlist of the logged in user which includes preferred stores and deal information of games in the wishlist

Authorization: JWT Bearer

JavaScript - XHR

```
// WARNING: For GET requests, body is set to null by browsers.

var xhr = new XMLHttpRequest();
xhr.withCredentials = true;

xhr.addEventListener("readystatechange", function() {
  if(this.readyState === 4) {
    console.log(this.responseText);
  }
});

xhr.open("GET", "localhost:8000/wishlist/index");
xhr.setRequestHeader("Content-Type", "application/json");

xhr.send();
```

## Response

Code	Body
200	JSON: user wishlist

## Sample JSON

```
[  
  {  
    "_id": "691bca19b8cab703f514e754",  
    "title": "Minecraft",  
    "deals": [  
      {  
        "storefront": {  
          "_id": "691bca19b8cab703f514e74b",  
          "url": "www.sonystore.com",  
          "name": "Sony Store",  
          "platforms": [  
            "ps5"  
          ],  
          "__v": 0  
        },  
        "originalPrice": 99.99,  
        "currentPrice": 59.99,  
        "bestPrice": 39.99,  
        "dealEndDate": "2025-11-11T00:00:00.000Z",  
        "_id": "691bca19b8cab703f514e755"  
      }  
    ],  
    "__v": 0  
  },  
  {  
    "_id": "691bca19b8cab703f514e758",  
    "title": "Starcraft",  
    "deals": [  
      {  
        "storefront": {  
          "_id": "691bca19b8cab703f514e74b",  
          "url": "www.sonystore.com",  
          "name": "Sony Store",  
          "platforms": [  
            "ps5"  
          ],  
          "__v": 0  
        },  
        "originalPrice": 29.99,  
        "currentPrice": 29.99,  
        "_id": "691bca19b8cab703f514e759"  
      }  
    ],  
    "__v": 0  
  }  
]
```

## POST /wishlist/add

localhost:8000/wishlist/add

Adds a game to user's wishlist by title

Authorization: JWT Bearer

Body: raw (json)

```
{  
    "title": "Game name"  
}
```

JavaScript - XHR

```
// WARNING: For POST requests, body is set to null by browsers.  
var data = JSON.stringify({  
    "title": "Warcraft"  
});  
  
var xhr = new XMLHttpRequest();  
xhr.withCredentials = true;  
  
xhr.addEventListener("readystatechange", function() {  
    if(this.readyState === 4) {  
        console.log(this.responseText);  
    }  
});  
  
xhr.open("POST", "localhost:8000/wishlist/add");  
xhr.setRequestHeader("Content-Type", "application/json");  
  
xhr.send(data);
```

Response

Code	Body
200	Game added
400	Game already in wishlist
500	Error creating game

## **DELETE /wishlist/remove/:gameid**

localhost:8000/wishlist/remove/691ba9103e7e89044bcd25da

Removes a game from a user's wishlist using the game id of the title that is stored by Crossdeals

Authorization JWT Bearer

### Path Variables

gameid	string
--------	--------

JavaScript - XHR

```
var xhr = new XMLHttpRequest();
xhr.withCredentials = true;

xhr.addEventListener("readystatechange", function() {
  if(this.readyState === 4) {
    console.log(this.responseText);
  }
});

xhr.open("DELETE", "localhost:8000/wishlist/remove/691bd2abe2d35d12e82f1551");
xhr.setRequestHeader("Content-Type", "application.json");

xhr.send();
```

### Response

Code	Body
200	Game removed
404	Game not found
500	Error

## GET /wishlist/storefront

localhost:8000/wishlist/storefront

Gets the user's preferred storefronts as a list of store ids

Authorization JWT Bearer

JavaScript - XHR

```
var xhr = new XMLHttpRequest();
xhr.withCredentials = true;

xhr.addEventListener("readystatechange", function() {
  if(this.readyState === 4) {
    console.log(this.responseText);
  }
});

xhr.open("GET", "localhost:8000/wishlist/storefront");
xhr.setRequestHeader("Content-Type", "application/json");

xhr.send(data);
```

## Response

Code	Body
200	A list of store ids
500	Error

## PATCH /wishlist/storefront

localhost:8000/wishlist/storefront

Updates the user's preferred storefronts using a list of store ids

Authorization JWT Bearer

Body raw (json)

```
{  
  "stores": [ "storeId0", "storeId1"]  
}
```

JavaScript - XHR

```
var data = JSON.stringify({  
  "stores": [  
    "691bca19b8cab703f514e74b",  
    "691bca19b8cab703f514e750"  
  ]  
});  
var xhr = new XMLHttpRequest();  
xhr.withCredentials = true;  
  
xhr.addEventListener("readystatechange", function() {  
  if(this.readyState === 4) {  
    console.log(this.responseText);  
  }  
});  
  
xhr.open("PATCH", "localhost:8000/wishlist/storefront");  
xhr.setRequestHeader("Content-Type", "application/json");  
  
xhr.send(data);
```

Response

Code	Body
200	Preferred stores updated / No changes to preferred stores
500	Error

## GET /games

localhost:8000/games/  
Gets a list of game deal data stored currently

JavaScript - XHR

```
// WARNING: For GET requests, body is set to null by browsers.

var xhr = new XMLHttpRequest();
xhr.withCredentials = true;

xhr.addEventListener("readystatechange", function() {
  if(this.readyState === 4) {
    console.log(this.responseText);
  }
});

xhr.open("GET", "localhost:8000/games/");
xhr.setRequestHeader("Content-Type", "application/json");

xhr.send();
```

## Response

Code	Body
200	JSON object: List of Video game deals
500	Error

## Sample JSON

```
[  
  {  
    "_id": "691bca19b8cab703f514e754",  
    "title": "Minecraft",  
    "deals": [  
      {  
        "storefront": {  
          "_id": "691bca19b8cab703f514e74b",  
          "url": "www.sonystore.com",  
          "name": "Sony Store",  
          "platforms": [  
            "ps5"  
          ],  
          "__v": 0  
        },  
        "originalPrice": 99.99,  
        "currentPrice": 59.99,  
        "bestPrice": 39.99,  
        "dealEndDate": "2025-11-11T00:00:00.000Z",  
        "_id": "691bca19b8cab703f514e755"  
      }  
    ],  
    "__v": 0  
  },  
  {  
    "_id": "691bca19b8cab703f514e758",  
    "title": "Starcraft",  
    "deals": [  
      {  
        "storefront": {  
          "_id": "691bca19b8cab703f514e74b",  
          "url": "www.sonystore.com",  
          "name": "Sony Store",  
          "platforms": [  
            "ps5"  
          ],  
          "__v": 0  
        },  
        "originalPrice": 29.99,  
        "currentPrice": 29.99,  
        "_id": "691bca19b8cab703f514e759"  
      }  
    ],  
    "__v": 0  
  }  
]
```

## GET /games/:gameid

localhost:8000/games/691ba9103e7e89044bcd25da

Gets the full deal data of the video game gameid

### Path Variables

gameid	string
--------	--------

#### JavaScript - XHR

```
// WARNING: For GET requests, body is set to null by browsers.

var xhr = new XMLHttpRequest();
xhr.withCredentials = true;

xhr.addEventListener("readystatechange", function() {
  if(this.readyState === 4) {
    console.log(this.responseText);
  }
});

xhr.open("GET", "localhost:8000/games/691ba9103e7e89044bcd25da");
xhr.setRequestHeader("Content-Type", "application/json");

xhr.send();
```

### Response

Code	Body
200	JSON object: Video game deal data
500	Error

## Sample JSON

```
{  
    "_id": "691bca19b8cab703f514e754",  
    "title": "Minecraft",  
    "deals": [  
        {  
            "storefront": {  
                "_id": "691bca19b8cab703f514e74b",  
                "url": "www.sonystore.com",  
                "name": "Sony Store",  
                "platforms": [  
                    "ps5"  
                ],  
                "__v": 0  
            },  
            "originalPrice": 99.99,  
            "currentPrice": 59.99,  
            "bestPrice": 39.99,  
            "dealEndDate": "2025-11-11T00:00:00.000Z",  
            "_id": "691bca19b8cab703f514e755"  
        }  
    ],  
    "__v": 0  
}
```

## GET /games/featured

localhost:8000/games/featured

Gets the full deal data of the featured video game.

The featured video game is the game with the (BE dev - insert criteria here)?

JavaScript - XHR

```
// WARNING: For GET requests, body is set to null by browsers.
```

```
var xhr = new XMLHttpRequest();
xhr.withCredentials = true;

xhr.addEventListener("readystatechange", function() {
  if(this.readyState === 4) {
    console.log(this.responseText);
  }
});

xhr.open("GET", "localhost:8000/games/featured");
xhr.setRequestHeader("Content-Type", "application/json");

xhr.send();
```

## Response

Code	Body
200	JSON object: Video game deal data
500	Error

## Sample JSON

```
{  
    "_id": "691bca19b8cab703f514e754",  
    "title": "Minecraft",  
    "deals": [  
        {  
            "storefront": {  
                "_id": "691bca19b8cab703f514e74b",  
                "url": "www.sonystore.com",  
                "name": "Sony Store",  
                "platforms": [  
                    "ps5"  
                ],  
                "__v": 0  
            },  
            "originalPrice": 99.99,  
            "currentPrice": 59.99,  
            "bestPrice": 39.99,  
            "dealEndDate": "2025-11-11T00:00:00.000Z",  
            "_id": "691bca19b8cab703f514e755"  
        }  
    ],  
    "__v": 0  
}
```

## GET /games/search?title=gamename

localhost:8000/games/search?title=Minecraft

Gets the full deal data of the video game titled gamename

### Path Variables

gamename	string
----------	--------

#### JavaScript - XHR

```
// WARNING: For GET requests, body is set to null by browsers.

var xhr = new XMLHttpRequest();
xhr.withCredentials = true;

xhr.addEventListener("readystatechange", function() {
  if(this.readyState === 4) {
    console.log(this.responseText);
  }
});

xhr.open("GET", "localhost:8000/games/search?title=Minecraft");
xhr.setRequestHeader("Content-Type", "application/json");

xhr.send();
```

### Response

Code	Body
200	JSON object array: Video game deal data
404	Game not found

## Sample JSON

```
{  
    "_id": "691bca19b8cab703f514e754",  
    "title": "Minecraft",  
    "deals": [  
        {  
            "storefront": {  
                "_id": "691bca19b8cab703f514e74b",  
                "url": "www.sonystore.com",  
                "name": "Sony Store",  
                "platforms": [  
                    "ps5"  
                ],  
                "__v": 0  
            },  
            "originalPrice": 99.99,  
            "currentPrice": 59.99,  
            "bestPrice": 39.99,  
            "dealEndDate": "2025-11-11T00:00:00.000Z",  
            "_id": "691bca19b8cab703f514e755"  
        }  
    ],  
    "__v": 0  
}
```