

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

AuthorizationJWT 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

AuthorizationJWT 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
}
```