

PriceWatch API Specifications (Phase 1)

AUTH APIs

1. POST /auth/register

Request:

```
{  
  "email": "alice@example.com",  
  "password": "P@ssw0rd",  
  "name": "Alice"  
}
```

Response (201):

```
{  
  "id": "uuid",  
  "email": "alice@example.com",  
  "name": "Alice",  
  "createdAt": "2025-11-30T10:00:00Z"  
}
```

2. POST /auth/login

Request:

```
{  
  "email": "alice@example.com",  
  "password": "P@ssw0rd"  
}
```

Response (200):

```
{  
  "accessToken": "jwt-token",  
  "refreshToken": "refresh-token",  
  "expiresIn": 3600,  
  "user": {  
    "id": "uuid",  
    "email": "alice@example.com",  
    "name": "Alice"  
  }  
}
```

```
}
```

3. GET /auth/me

Headers: Authorization: Bearer

Response (200):

```
{  
  "id": "uuid",  
  "email": "alice@example.com",  
  "name": "Alice",  
  "roles": ["USER"],  
  "createdAt": "2025-11-30T10:00:00Z"  
}
```

WISHLIST APIs

4. POST /wishlists

Request:

```
{  
  "name": "Birthday Gifts"  
}
```

Response (201):

```
{  
  "id": "uuid",  
  "name": "Birthday Gifts",  
  "userId": "uuid",  
  "createdAt": "2025-11-30T12:11:05Z",  
  "updatedAt": "2025-11-30T12:11:05Z",  
  "items": null  
}
```

5. GET /wishlists

Response (200):

```
[  
  {  
    "id": "uuid",  
    "name": "Birthday Gifts",
```

```
"createdAt": "2025-11-30T12:11:05Z"
}
]
```

6. GET /wishlists/{wishlistId}

Response (200):

```
{
  "id": "uuid",
  "name": "Birthday Gifts",
  "userId": "uuid",
  "createdAt": "2025-11-30T12:11:05Z",
  "updatedAt": "2025-11-30T12:11:05Z",
  "items": [
    {
      "id": "uuid",
      "productUrl": "https://example.com/p1",
      "title": "Wireless Headphones",
      "targetPrice": 1999.00,
      "addedAt": "2025-11-30T12:15:00Z"
    }
  ]
}
```

7. DELETE /wishlists/{wishlistId}

Response: 204 No Content

WISHLIST ITEMS APIs

8. POST /wishlists/{wishlistId}/items

Request:

```
{
  "productUrl": "https://example.com/p1",
  "title": "Wireless Headphones",
  "targetPrice": 1999.00
}
```

Response (201):

```
{
  "id": "uuid",
  "productUrl": "https://example.com/p1",
  "title": "Wireless Headphones",
  "targetPrice": 1999.00,
  "addedAt": "2025-11-30T12:15:00Z"
}
```

9. GET /wishlists/{wishlistId}/items

Response (200):

```
[
  {
    "id": "uuid",
    "productUrl": "https://example.com/p1",
    "title": "Wireless Headphones",
    "targetPrice": 1999.00,
    "addedAt": "2025-11-30T12:15:00Z"
  }
]
```

10. PUT /wishlists/{wishlistId}/items/{itemId}

Request:

```
{
  "title": "Updated Title",
  "targetPrice": 1800.00
}
```

Response (200):

```
{
  "id": "uuid",
  "productUrl": "https://example.com/p1",
  "title": "Updated Title",
  "targetPrice": 1800.00,
  "addedAt": "2025-11-30T12:15:00Z"
}
```

11. DELETE /wishlists/{wishlistId}/items/{itemId}

Response: 204 No Content

