

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 /wishlist

```
-----  
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 /wishlist

```
-----  
Response (200):
```

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

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

6. GET /wishlist/{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 /wishlist/{wishlistId}

Response: 204 No Content

WISHLIST ITEMS APIs

8. POST /wishlist/{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 /wishlist/{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 /wishlist/{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 /wishlist/{wishlistId}/items/{itemId}

Response: 204 No Content

