🔐 1. User Wallet

✅ GET /api/wallet

Description: Get current user wallet balance and coin details.
Response:

json

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```json
{
  "el_coins": 120,
  "el_frags": 40
}
```

🕹️ 2. Wallet History

✅ GET /api/wallet/history

Description: Returns detailed wallet history including source/type.
Response:

json

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```json
{
  "el_coins_history": [
    { "type": "purchase", "amount": 50, "source": "inf-coins", "date": "2025-07-20" },
    { "type": "conversion", "amount": 40, "from": "el_frags", "date": "2025-07-21" }
  ],
  "el_frags_history": [
    { "type": "gift_received", "amount": 100, "from_user_id": 23, "date": "2025-07-20" }
  ]
}
```

🔄 3. Convert El-Frags to El-Coins

✅ POST /api/wallet/convert

Description: Convert El-Frags to El-Coins (conversion rate 100:40)
Payload:

json

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```json
{
  "frag_amount": 100
}
```

```json
{
  "converted_to_el_coins": 40,
  "commission_deducted": 60,
  "new_balances": {
    "el_coins": 160,
    "el_frags": 0
  }
}
```

💳 4. Purchase El-Coins using Inf-Coin Payment

✅ POST /api/wallet/purchase

Description: Purchase El-Coins via external payment (e.g., Inf-Coins)
Payload:

json

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```json
{
  "el_coins": 100,
  "payment_id": "inf_txn_123456"
}
```

Response:

json

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```json
{
  "status": "success",
  "wallet": {
    "el_coins": 200
  }
}
```

🎁 5. Gift History

✅ GET /api/gifts/history

Description: Shows gift received/sent history.
Response:

json

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```json
{
  "received": [
    { "gift_id": 1, "from_user": "Ali", "type": "el_frag", "amount": 50, "date": "2025-07-24" }
  ],
  "sent": [
    { "gift_id": 2, "to_user": "Sara", "type": "background", "item_id": 5, "date": "2025-07-25" }
  ]
}
```

🏬 6. Store System

✅ GET /api/store/items

Description: Get all available items in store with category & price info.

Query Parameters (Optional):

- category=background or user_frame

Response:

json

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```
[
 {
  "id": 1,
  "title": "Sunset Theme",
  "category": "background",
  "image_url": "https://...",
  "price": 30,
  "is_purchased": true
 },
 {
  "id": 2,
  "title": "Classic Frame",
  "category": "user_frame",
  "image_url": "https://...",
  "price": 25,
  "is_purchased": false
 }
]
```

✅ **POST /api/store/purchase**

Description: Purchase an item from the store using El-Coins
Payload:

json

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```
{
  "item_id": 2
}
```

Response:

json

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```
{
 "status": "success",
 "el_coins_remaining": 95,
 "purchased_item": {
   "id": 2,
   "title": "Classic Frame",
   "category": "user_frame"
 }
}
```

🎒 7. Backpack (User Purchased Items)

✅ GET /api/user/backpack

Description: List of items user already owns (backgrounds & frames).
Response:

json

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```
{
  "backgrounds": [
    { "id": 1, "title": "Sunset Theme", "image_url": "https://..." }
  ],
  "user_frames": [
    { "id": 2, "title": "Classic Frame", "image_url": "https://..." }
  ]
}
```

🔐 Security Notes:

- All sensitive operations require authentication.

- Only verified users can convert coins or make purchases.

- Conversion logic is **fixed** at 100 El-Frags → 40 El-Coins.

📁 Summary of Endpoints

Endpoint	Method	Description
/api/wallet	GET	Get wallet balances
/api/wallet/history	GET	Get coin transaction history
/api/wallet/convert	POST	Convert Frags to El-Coins
/api/wallet/purchase	POST	Buy El-Coins via payment
/api/gifts/history	GET	Gift receive/send history
/api/store/items	GET	Get store items
/api/store/purchase	POST	Purchase an item
/api/user/backpack	GET	View user's purchased items