

# Laravel 簡化會員系統 API 設計

## 身份驗證 API

### 註冊

- 請求方式: **POST**
- 路由: **/api/auth/register**
- 參數:

```
{
  "name": "使用者名稱",
  "email": "user@example.com",
  "password": "密碼",
  "password_confirmation": "確認密碼"
}
```

- 回應:

```
{
  "success": true,
  "message": "註冊成功",
  "data": {
    "user": {
      "id": 1,
      "name": "使用者名稱",
      "email": "user@example.com",
      "email_verified_at": null,
      "created_at": "2025-03-12T12:00:00.000000Z",
      "updated_at": "2025-03-12T12:00:00.000000Z"
    },
    "access_token": "JWT令牌",
    "token_type": "Bearer"
  }
}
```

### 登入

- 請求方式: **POST**
- 路由: **/api/auth/login**
- 參數:

```
{
  "email": "user@example.com",
  "password": "密碼",
}
```

```
"remember_me": false
}
```

- 回應:

```
{
  "success": true,
  "message": "登入成功",
  "data": {
    "user": {
      "id": 1,
      "name": "使用者名稱",
      "email": "user@example.com",
      "roles": ["user"],
      "permissions": ["view-profile"]
    },
    "access_token": "JWT令牌",
    "token_type": "Bearer",
    "expires_at": "2025-03-13T12:00:00.000000Z"
  }
}
```

## 登出

- 請求方式: POST
- 路由: /api/auth/logout
- 標頭: Authorization: Bearer {token}
- 回應:

```
{
  "success": true,
  "message": "成功登出"
}
```

## 發送重設密碼郵件

- 請求方式: POST
- 路由: /api/auth/password/email
- 參數:

```
{
  "email": "user@example.com"
}
```

- 回應:

```
{
  "success": true,
  "message": "密碼重設郵件已發送"
}
```

## 重設密碼

- 請求方式: POST
- 路由: /api/auth/password/reset
- 參數:

```
{
  "email": "user@example.com",
  "password": "新密碼",
  "password_confirmation": "確認新密碼",
  "token": "重設令牌"
}
```

- 回應:

```
{
  "success": true,
  "message": "密碼已重設"
}
```

## 用戶資料 API

### 獲取個人資料

- 請求方式: GET
- 路由: /api/user/profile
- 標頭: Authorization: Bearer {token}
- 回應:

```
{
  "success": true,
  "data": {
    "user": {
      "id": 1,
      "name": "使用者名稱",
      "email": "user@example.com",
      "profile": {
        "phone": "0912345678",
        "address": "台北市大安區",
        "birthday": "1990-01-01",

```

```
        "avatar": "uploads/avatars/user1.jpg",
        "gender": "male"
    },
    "roles": ["user"],
    "permissions": ["view-profile", "edit-profile"]
}
}
```

## 更新個人資料

- 請求方式: PUT
- 路由: /api/user/profile
- 標頭: Authorization: Bearer {token}
- 參數:

```
{
  "name": "新使用者名稱",
  "phone": "0912345678",
  "address": "台北市大安區",
  "birthday": "1990-01-01",
  "gender": "male"
}
```

- 回應:

```
{
  "success": true,
  "message": "個人資料已更新",
  "data": {
    "user": {
      "id": 1,
      "name": "新使用者名稱",
      "email": "user@example.com",
      "profile": {
        "phone": "0912345678",
        "address": "台北市大安區",
        "birthday": "1990-01-01",
        "avatar": "uploads/avatars/user1.jpg",
        "gender": "male"
      }
    }
  }
}
```

## 上傳頭像

- 請求方式: **POST**
- 路由: **/api/user/avatar**
- 標頭: **Authorization: Bearer {token}**
- 參數: **form-data** 格式，包含 **avatar** 檔案
- 回應:

```
{
  "success": true,
  "message": "頭像已更新",
  "data": {
    "avatar_url": "uploads/avatars/user1_updated.jpg"
  }
}
```

## 更改密碼

- 請求方式: **PUT**
- 路由: **/api/user/password**
- 標頭: **Authorization: Bearer {token}**
- 參數:

```
{
  "current_password": "當前密碼",
  "password": "新密碼",
  "password_confirmation": "確認新密碼"
}
```

- 回應:

```
{
  "success": true,
  "message": "密碼已更新"
}
```

## 獲取登入活動

- 請求方式: **GET**
- 路由: **/api/user/login-activities**
- 標頭: **Authorization: Bearer {token}**
- 回應:

```
{
  "success": true,
  "data": {
```

```
"activities": [  
  {  
    "id": 1,  
    "ip_address": "192.168.1.1",  
    "user_agent": "Mozilla/5.0...",  
    "login_at": "2025-03-12T10:00:00.000000Z",  
    "logout_at": "2025-03-12T11:00:00.000000Z",  
    "status": "success"  
  },  
  {  
    "id": 2,  
    "ip_address": "192.168.1.1",  
    "user_agent": "Mozilla/5.0...",  
    "login_at": "2025-03-11T10:00:00.000000Z",  
    "logout_at": "2025-03-11T11:00:00.000000Z",  
    "status": "success"  
  }  
]  
}
```

## 管理員 API

### 獲取所有用戶

- 請求方式: **GET**
- 路由: **/api/admin/users**
- 標頭: **Authorization: Bearer {token}**
- 權限要求: **manage-users**
- 查詢參數: **page, per\_page, search, sort\_by, sort\_dir**
- 回應:

```
{  
  "success": true,  
  "data": {  
    "users": [  
      {  
        "id": 1,  
        "name": "使用者1",  
        "email": "user1@example.com",  
        "created_at": "2025-03-12T12:00:00.000000Z",  
        "roles": ["user"]  
      },  
      {  
        "id": 2,  
        "name": "使用者2",  
        "email": "user2@example.com",  
        "created_at": "2025-03-11T12:00:00.000000Z",  
        "roles": ["admin"]  
      }  
    ]  
  }  
}
```

```
    ],
    "pagination": {
      "total": 100,
      "per_page": 10,
      "current_page": 1,
      "last_page": 10
    }
  }
}
```

## 編輯用戶角色

- 請求方式: PUT
- 路由: `/api/admin/users/{user_id}/roles`
- 標頭: `Authorization: Bearer {token}`
- 權限要求: `manage-roles`
- 參數:

```
{
  "roles": [1, 2]
}
```

- 回應:

```
{
  "success": true,
  "message": "用戶角色已更新",
  "data": {
    "user": {
      "id": 1,
      "name": "使用者1",
      "email": "user1@example.com",
      "roles": ["user", "editor"]
    }
  }
}
```

## 管理角色和權限

- 請求方式: GET
- 路由: `/api/admin/roles`
- 標頭: `Authorization: Bearer {token}`
- 權限要求: `manage-roles`
- 回應:

```
{
  "success": true,
  "data": {
    "roles": [
      {
        "id": 1,
        "name": "admin",
        "description": "管理員角色",
        "permissions": [
          {
            "id": 1,
            "name": "manage-users",
            "description": "管理用戶"
          },
          {
            "id": 2,
            "name": "manage-roles",
            "description": "管理角色"
          }
        ]
      },
      {
        "id": 2,
        "name": "user",
        "description": "一般用戶角色",
        "permissions": [
          {
            "id": 3,
            "name": "view-profile",
            "description": "查看個人資料"
          }
        ]
      }
    ]
  }
}
```