

## Authentication

Method	Endpoint	Description
POST	/api/auth/login	Login (admin/user) and return token
POST	/api/auth/register	Create admin account (restricted)

## Login Request

```
json
{
  "identifier": "admin@example.com",
  "password": "Secret123"
}
```

## Login Response

```
json
{
  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXLTJ5IiwiaWF0IjoxNjU0MjY0MjY0fQ==",
  "user": {
    "id": "A001",
    "name": "Nimal Perera",
    "role": "admin",
    "divisionId": "D001",
    "serviceIds": ["S_BIRTH"]
  }
}
```

**Home / Dashboard**

Method	Endpoint	Description
GET	<code>/api/admin/dashboard</code>	Get predicted visitors, total appointments, and traffic breakdown
GET	<code>/api/admin/notifications</code>	Get recent admin alerts

## Dashboard Response

```
json
{
```

```
"predictedVisitors": 40,
"totalAppointments": 34,
"trafficByDay": [
  { "date": "2025-08-07", "count": 34 }
],
"trafficByTime": [
  { "slot": "08:30-10:30", "count": 12 },
  { "slot": "10:30-12:30", "count": 8 },
  { "slot": "12:30-14:30", "count": 9 },
  { "slot": "14:30-16:30", "count": 5 }
]
}
```

---

#### Tasks Page (Appointments List)

Method	Endpoint	Description
GET	<a href="#">/api/admin/appointments</a>	List appointments (filters: date, status, pagination)
GET	<a href="#">/api/admin/appointments/:id</a>	Get single appointment summary

#### Appointments List Request

bash

```
/api/admin/appointments?date=2025-08-08&status=Pending&page=1&limit=10
```

#### Appointments List Response

json

```
{
  "appointments": [
    {
      "bookingId": "B1001",
      "userName": "Nimal Perera",
      "time": "08:30",
      "status": "Pending",
      "predictedDuration": 44
    },
    {
      "bookingId": "B1002",
      "userName": "Kavindu Sampath",
      "time": "10:30",

```

```
        "status": "Declined",
        "predictedDuration": 30
    }
],
"total": 2
}
```

---

### Task Details Page

Method	Endpoint	Description
GET	<code>/api/admin/appointments/:id/details</code>	Full appointment details + document checklist
GET	<code>/api/admin/appointments/:id/documents/:docId</code>	Retrieve uploaded document file
GET	<code>/api/admin/appointments/:id/documents/:docId/analysis</code>	Get AI document verification results
PATCH	<code>/api/admin/appointments/:id/approve</code>	Approve appointment
PATCH	<code>/api/admin/appointments/:id/decline</code>	Decline appointment

### Appointment Details Response

```
json
{
  "user": {
    "name": "Nimal Perera",
    "nic": "200159346734",
    "mobile": "+945678543"
  },
  "service": "Birth Certificate - Issue/New",
  "location": "Kandy Branch",
  "expectedDuration": 44,
  "date": "2025-08-08",
  "time": "08:30",
  "documents": [
    { "name": "Doc 1", "uploaded": true, "accuracy": 86.36, "status": "OK" },
    { "name": "Doc 2", "uploaded": true, "accuracy": 63.36, "status": "Review" }
  ]
}
```

```
],  
  "paymentStatus": "Paid"  
}
```

#### Document Verification (AI Model)

Method	Endpoint	Description
POST	<a href="#">/api/documents/verify</a>	Upload document for AI verification

#### Verify Document Request

```
json  
{  
  "docId": "DOC123",  
  "fileUrl": "https://files.gov.lk/documents/DOC123.pdf"  
}
```

#### Verify Document Response

```
json  
{  
  "accuracy": 86.36,  
  "status": "OK",  
  "remarks": "Document matches expected format"  
}
```

## Admin Management

Method	Endpoint	Description
POST	<code>/api/admin</code>	Create admin account
GET	<code>/api/admin/list</code>	List admins
PATCH	<code>/api/admin/:id</code>	Update admin details
DELETE	<code>/api/admin/:id</code>	Remove admin

## Create Admin Request

```
json
{
  "name": "New Admin",
  "nic": "200159346734",
  "email": "newadmin@example.com",
  "mobile": "+94771234567",
  "password": "Passw0rd!",
  "divisionId": "D001",
  "serviceId": "S_BIRTH"
}
```

## Create Admin Response

```
json
{
  "adminId": "ADM_010",
  "message": "Admin account created"
}
```