

Billing & Subscription API Specification

1. Subscription Status API

****Endpoint:**** `GET /subscriptions/current?tenantId=org\_12345`

****Response (Trialing User)****

```
{ "success": true, "data": { "subscriptionId": "sub_trial_001", "planId": "plan_free", "planName": "Free Plan", "status": "trialing", "trial": { "isTrial": true, "trialEndsAt": "2025-09-23T00:00:00Z", "daysLeft": 14 }, "willCancel": true, "message": "Your Plan will be cancelled after 14 days. You can upgrade to enjoy more features." } }
```

****Response (Active Paid User)****

```
{ "success": true, "data": { "subscriptionId": "sub_789", "planId": "plan_basic", "planName": "Basic Plan", "status": "active", "trial": { "isTrial": false }, "nextBillingDate": "2025-10-09T00:00:00Z", "willCancel": false } }
```

2. Upgrade Subscription API

****Endpoint:**** `POST /subscriptions/upgrade`

****Payload****

```
{ "tenantId": "org_12345", "newPlanId": "plan_advance", "billingCycle": "monthly", "couponCode": "STARTUP50", // optional "paymentMethodId": "pm_6008" }
```

****Response****

```
{ "success": true, "message": "Subscription upgraded successfully", "data": { "subscriptionId": "sub_789", "oldPlanId": "plan_free", "newPlanId": "plan_advance", "billingCycle": "monthly", "amount": 10, "discountAmount": 0, "tax": 1, "totalPaid": 11, "currency": "USD", "status": "active", "nextBillingDate": "2025-10-09T00:00:00Z" } }
```

3. Coupon Validation API

****Endpoint:**** `POST /coupons/validate`

****Payload****

```
{ "tenantId": "org_12345", "code": "STARTUP50", "planId": "plan_basic", "billingCycle": "monthly", "amount": 40 }
```

****Response (Valid Coupon)****

```
{ "success": true, "message": "Coupon applied successfully", "data": { "code": "STARTUP50", "planId": "plan_basic", "billingCycle": "monthly", "discountType": "percentage", "discountValue": 50, "discountAmount": 20, "finalAmount": 20, "validUntil": "2025-12-31T23:59:59Z" } }
```

****Response (Invalid Coupon)****

```
{ "success": false, "message": "Coupon is expired or not applicable for this plan", "errorCode": "COUPON_INVALID" }
```