

# Work Order 13 - Inspection Report

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## Existing Products & Membership Logic

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### Existing Whop Products (from lib/whop-client.ts)

#### Subscription Plans:

1. **BARRELS Athlete** - `prod_kNyobCww4tc2p`
  - Currently mapped to: "athlete" tier
  - No pricing defined in code yet
2. **BARRELS Pro** - `prod_04CB6y0IzNJLe`
  - Currently mapped to: "pro" tier
  - No pricing defined in code yet
3. **BARRELS Elite (The Inner Circle)** - `prod_vCV6UQH3K18QZ`
  - Currently mapped to: "elite" tier
  - No pricing defined in code yet
4. **The 90-Day Transformation** - `prod_zH1wnZs0JJKfd`
  - Currently mapped to: "elite" tier
  - One-time purchase

#### Assessment Products (Placeholders):

1. **Standard Assessment** - `prod_assessment_standard_299` (PLACEHOLDER)
  2. **Pro Assessment** - `prod_assessment_pro_399` (PLACEHOLDER)
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### Existing Membership Logic

#### 1. `lib/tier-access.ts`

Defines tier hierarchy and feature gating:

- **Tiers:** `free` → `athlete` → `pro` → `elite`
- **Feature Access Map:** Maps features to required tiers (e.g., `'52_pitch_assessment': 'pro'`)
- **Functions:**
  - `hasTierAccess(userTier, requiredTier)` : Checks tier hierarchy
  - `checkTierAccess(requiredTier)` : Server-side access control
  - `getTierInfo(tier)` : Display names, colors, icons

#### 2. `lib/assessment-vip-config.ts`

Manages VIP offers and session limits:

- **VIP Logic:**
  - `ASSESSMENT_VIP_DAYS = 60` : VIP offer window
  - Assessment purchases unlock 60-day VIP pricing
- **Session Limits** (per week):

```
typescript
```

```
free: 0,
```

```
athlete: 1,
```

```
pro: 2,
elite: 'unlimited'
```

#### - **Functions:**

- `canStartNewSession(userTier, sessionsThisWeek)` : Enforces weekly caps
- `calculateVipExpiryDate()` , `isVipActive()` , `getVipDaysRemaining()`

### 3. `lib/whop-client.ts`

Whop API integration:

- **Product Mapping:** `getWhopProductTier(productId)` maps Whop products to tiers
- **Membership Fetching:**
  - `getWhopUserMemberships(whopUserId)` : Get single user's memberships
  - `getAllWhopMemberships()` : Admin sync of all members
- **Assessment Detection:** `isAssessmentProduct(productId)` (uses placeholder IDs)

### 4. `app/api/videos/upload/route.ts`

Enforces session caps:

- Fetches user's `membershipTier`
- Counts sessions uploaded this week (Monday-Sunday)
- Calls `canStartNewSession()` to block uploads if cap reached
- **Exempts:** Admins and coaches

### 5. Database Schema (`prisma/schema.prisma`)

User model tracks:

- `membershipTier` : "free" | "athlete" | "pro" | "elite"
- `membershipStatus` : "active" | "inactive" | "cancelled" | "expired"
- `membershipExpiresAt` : Subscription end date
- `assessmentCompletedAt` , `assessmentVipExpiresAt` , `assessmentVipActive` : VIP offer tracking

## ✓ What Already Works

1. **Tier Hierarchy:** `free < athlete < pro < elite` is defined
2. **Session Limits:** Weekly caps are configured (0, 1, 2, unlimited)
3. **Session Enforcement:** Upload API blocks users at weekly cap
4. **Whop Sync:** Admin can sync membership data from Whop
5. **VIP Offer System:** Assessment → 60-day VIP window logic exists
6. **Database Schema:** All necessary fields exist

## ⚠ What Needs Work

1. **Pricing Not Defined:** No \$49/\$99/\$199 pricing in code
2. **Assessment Product IDs:** Placeholder IDs need real Whop product IDs
3. **Lessons vs Sessions Terminology:** Code says "sessions", work order says "lessons"
4. **No UI for Usage Display:** Dashboard doesn't show "X/Y lessons used this week"
5. **Assessment 30-Day Window:** Work order mentions 30-day assessment access, but code has 60-day VIP window (different concepts)
6. **No Monthly vs Weekly Clarification:** Work order says "1 lesson/week = 4 per billing month" but code only tracks weekly

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## Implementation Strategy

### Phase 1: Clarify Business Rules

- **Question:** Are “lessons” and “sessions” the same? (Work order uses “lesson”, code uses “session”)
- **Question:** Assessment product is “one-time purchase with 30-day app access” - is this separate from the 60-day VIP offer?
- **Assumption for now:** 1 lesson = 1 analyzed video upload session

### Phase 2: Update Configuration

- Add pricing constants (\$49, \$99, \$199) to config
- Create centralized `MEMBERSHIP_TIERS` config with all details
- Map weekly limits to monthly estimates for UI display

### Phase 3: Update Upload Logic

- Ensure upload API correctly enforces limits
- Add clear error messages per tier

### Phase 4: Add Dashboard UI

- Show membership tier card with:
- Plan name & price
- Weekly usage: “X / Y lessons used”
- Upgrade CTA when needed

### Phase 5: Testing

- Create test users for each tier
- Verify session caps work
- Verify UI displays correctly

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## Recommendations

1. **Use “Session” Consistently:** Code already uses “session”, recommend sticking with it (or mass-rename to “lesson”)
2. **Clarify Assessment Window:** Is it:
  - Option A: 30-day full app access + 60-day VIP pricing offer?
  - Option B: 30-day access window only?
3. **Add Pricing Config:** Create single source of truth for \$49/\$99/\$199
4. **Update Assessment Product IDs:** Get real Whop product IDs when available