📊 Analisis Status Development PortalHC_KPB

Tanggal Analisis: 9 Februari 2026

🎯 Executive Summary

Website **PortalHC_KPB** telah berkembang signifikan dari status **High-Fidelity Prototype** ke **Pre-Production**.

Kategori	Status Sebelumnya (6 Feb)	Status Sekarang (9 Feb)
Database SQL Server	✗ 0%	☑ **80%**
Frontend UI/UX	☑ 90%	☑ 95%
CRUD Operations	✗ 0%	⚠ **40%** (Read mostly)
Mock → Real Data	All Mock	**Partial Migrated**

🗺 Progress per Modul

Modul CMP (Competency Management Platform)

Halaman	Database	Mock Data	Status
KKJ Matrix	☑		`KkjMatrices` tabel aktif
Mapping CPDP	☑		`CpdpItems` tabel aktif
Assessment Lobby		⚠	Masih hardcoded di controller
Records (Personal)	☑		`TrainingRecords` tabel aktif
Records (Worker List)		⚠	Mock data di `GetWorkersInSection()`
WorkerDetail	☑		Menggunakan `TrainingRecords`

Catatan CMP:

- ☑ `GetPersonalTrainingRecords()` sudah query dari database (line 205-213)
- ⚠ `GetWorkersInSection()` masih return mock data (line 219-412)
- ⚠ `Assessment()` masih hardcoded list (line 70-125)

Modul CDP (Career Development Program)

Halaman	Database	Mock Data	Status
Index (IDP Matrix)		☑	PDF viewer, role-based selection
Dashboard		⚠	Hardcoded statistics

Halaman	Database	Mock Data	Status
Coaching	☑		`CoachingLogs` tabel aktif
Progress		⚠	`TrackingItem` mock data

Catatan CDP:

- ☑ `Coaching()` sudah query dari database (line 88-100)
- ⚠ `Progress()` masih pakai mock `TrackingItem` (line 148-170)
- ⚠ `Dashboard()` semua statistics hardcoded (line 56-85)

Modul BP (Business Partner)

Halaman	Database	Mock Data	Status
Talent Profile	☑ (partial)	⚠	User dari DB, history mock
Point System		⚠	Semua mock data
Eligibility Validator		⚠	Semua mock data

Catatan BP:

- User profile diambil dari database (`_userManager.GetUserAsync`)
- Career history, performance records, points = mock data

🗄 Status Database

Tabel yang AKTIF (Data Real)

Tabel	Seeded Data	Digunakan di Controller
`Users`	☑ 9 users	Login, semua profil
`KkjMatrices`	☑	`CMPController.Kkj()`
`CpdpItems`	☑	`CMPController.Mapping()`
`TrainingRecords`	☑	`CMPController.Records()`, `WorkerDetail()`
`CoachingLogs`	☑ 18 logs	`CDPController.Coaching()`
`AssessmentSessions`	☑ 12 sessions	✖ Belum dipakai (mock)
`IdpItems`	☑ 12 items	✖ Belum dipakai (mock)

Tabel yang PERLU Migrasi View

Tabel	Data Sudah Ada	View Masih Mock
`AssessmentSessions`	☑	`CMP/Assessment.cshtml`

Tabel	Data Sudah Ada	View Masih Mock
IdpItems	☑	CDP/Progress.cshtml

🔁 Peta Mock Data yang Perlu Dimigrasi

Priority 1: Data Sudah Ada di DB (Just Connect)

```
┌─────────────────────────────────────────────────────────┐
│ CMPController.Assessment()                              │
│ ├── Current: Hardcoded List<AssessmentSession>         │
│ └── Target: Query from _context.AssessmentSessions     │
│     → Data sudah ada: 12 records                        │
└─────────────────────────────────────────────────────────┘


┌─────────────────────────────────────────────────────────┐
│ CDPController.Progress()                               │
│ ├── Current: Hardcoded List<TrackingItem>              │
│ └── Target: Query from _context.IdpItems               │
│     → Data sudah ada: 12 records                        │
│     → Note: Model perlu mapping TrackingItem ↔ IdpItem  │
└─────────────────────────────────────────────────────────┘
```

Priority 2: Perlu Logic Baru

```
┌─────────────────────────────────────────────────────────┐
│ CMPController.GetWorkersInSection()                    │
│ ├── Current: 14 hardcoded WorkerTrainingStatus objects │
│ └── Target: Join Users + aggregate TrainingRecords     │
│     → Need: Query workers by Section from Users table   │
│     → Need: Calculate training stats per worker         │
└─────────────────────────────────────────────────────────┘


┌─────────────────────────────────────────────────────────┐
│ CDPController.Dashboard()                              │
│ ├── Current: Hardcoded statistics                      │
│ └── Target: Aggregate from real data                   │
│     → Need: COUNT IdpItems, TrainingRecords, etc.       │
└─────────────────────────────────────────────────────────┘


┌─────────────────────────────────────────────────────────┐
│ BPController (All)                                     │
│ ├── TalentProfile: Career history, performance mock    │
│ ├── PointSystem: All mock                              │
│ └── EligibilityValidator: All mock                     │
│     → Need: Tabel baru atau decision jadi static        │
└─────────────────────────────────────────────────────────┘
```
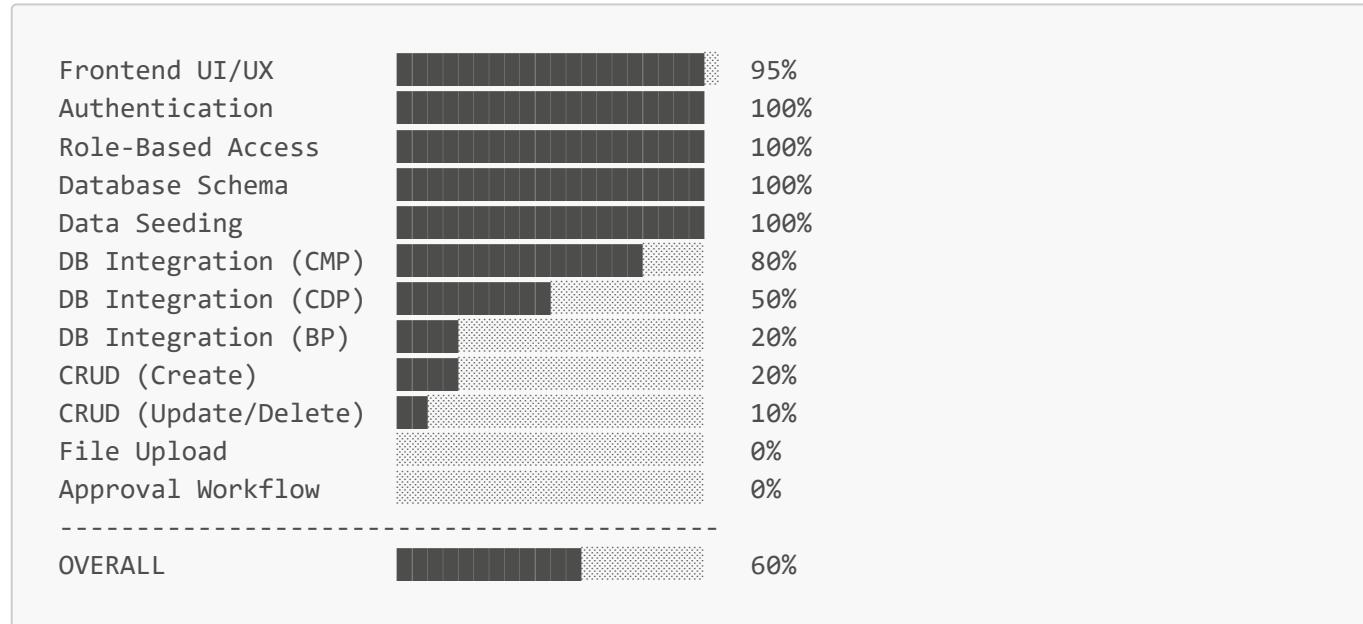
📋 Recommended Next Steps

Phase Sekarang: **INTEGRATION PHASE**

Berdasarkan analisis, website sudah melewati **Phase 1 (Database Setup)** dengan baik. Sekarang fokus ke **Phase 2 (Integration)**.
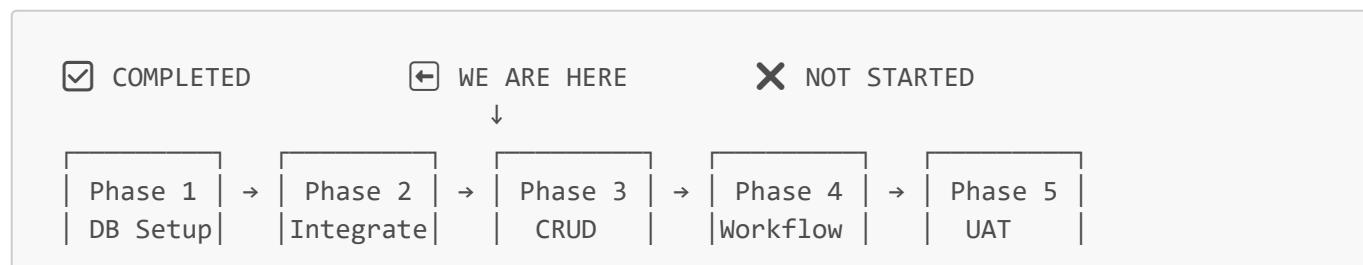
Prioritas Development Berikutnya

Prio	Task	Effort	Impact
1	Connect `AssessmentSessions` ke view	◑ Easy	★ ★ ★
2	Connect `IdpItems` ke Progress view	◔ Medium	★ ★ ★
3	Migrasi `GetWorkersInSection()` ke DB	● Hard	★ ★ ★ ★
4	Real statistics di Dashboard	◔ Medium	★ ★
5	BP Module (TalentProfile detail)	◔ Medium	★ ★
6	File Upload System	● Hard	★ ★ ★
7	Approval Workflow	● Hard	★ ★ ★ ★

📊 Overall Progress Chart

```
Frontend UI/UX       ████████████████████▓  95%
Authentication       █████████████████████  100%
Role-Based Access    █████████████████████  100%
Database Schema      █████████████████████  100%
Data Seeding         █████████████████████  100%
DB Integration (CMP) ████████████████░░░░░  80%
DB Integration (CDP) ██████████▓░░░░░░░░░░░  50%
DB Integration (BP)  ████░░░░░░░░░░░░░░░░░░  20%
CRUD (Create)        ████░░░░░░░░░░░░░░░░░░  20%
CRUD (Update/Delete) ██░░░░░░░░░░░░░░░░░░░░  10%
File Upload          ░░░░░░░░░░░░░░░░░░░░░░  0%
Approval Workflow    ░░░░░░░░░░░░░░░░░░░░░░  0%
-------------------------------------------
OVERALL              ████████████▓░░░░░░░░░  60%
```

🎯 Tahap Development Saat Ini

```
 ☑ COMPLETED         ⬅ WE ARE HERE        ✖ NOT STARTED
                         ↓

 ┌─────────┐    ┌─────────┐    ┌─────────┐    ┌─────────┐    ┌─────────┐
 │ Phase 1 │ →  │ Phase 2 │ →  │ Phase 3 │ →  │ Phase 4 │ →  │ Phase 5 │
 │ DB Setup│    │Integrate│    │  CRUD   │    │Workflow │    │  UAT    │
```

| ☑ Done | | 🔁 60% | | ✖ 10% | | ✖ 0% | | ✖ 0% |

❓ Keputusan yang Perlu Diambil

1. **BP Module**: Apakah Point System dan Eligibility Validator akan dibuat tabel baru atau tetap static/reference only?

2. **Worker List**: Apakah list worker di Records akan diambil dari Users table saja, atau perlu tabel `Employees` terpisah?

3. **Dashboard Stats**: Apakah dashboard executive perlu real-time stats dari DB atau cukup periodic update?

4. **File Upload**: Kapan fitur upload sertifikat akan diimplementasi?

Dokumen ini dihasilkan secara otomatis berdasarkan analisis kode pada 9 Februari 2026