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README.md

Power Platform Certification Tracking Platform

Project Overview

A comprehensive certification tracking system built on Microsoft Power Platform, designed to help users manage their learning progress, upload exam results, and master the skills required for the PL-500 certification through practical development. The platform supports both individual use and organizational deployment through manager-driven training assignment and community collaboration features.

Core Features

1. Certification Management

- **Admin Portal**: Independent portal for maintaining certification database including:
  - Certification names and descriptions
  - Issuing bodies/organizations
  - Official certification links
  - Difficulty levels and categories
  - Prerequisites and related certifications
- **User Tracking**: Browse certifications and track personal progress with:
  - Personal certification dashboard
  - Progress status indicators
  - Study time tracking
  - Goal setting and reminders
- **Progress Visualization**:
  - Interactive status bars showing completion percentage
  - Timeline views for certification journey
  - Milestone tracking with dates
  - Visual progress reports

2. Learning Plan System

- **Official Plans:**
  - Read-only learning materials provided by certification vendors
  - Structured curriculum with modules and lessons
  - Estimated completion times
  - Prerequisites and dependencies
- **User-Custom Plans:**
  - Personal learning paths with custom modules
  - Ability to mark plans as public/private
  - Sharing functionality for community access
  - Version control for plan updates

Files sidebar:
- db
- examples
- prisma
- public
- src
- components.json
- eslint.config.mjs
- next.config.ts
- package-lock.json
- package.json
- postcss.config.mjs
- README.md
- server.ts
- tailwind.config.ts
- tsconfig.json

```
 90            };
 91        }
 92    },
 93
 94    // Release Management
 95    ReleaseManagement: {
 96        ReleaseCriteria: () => {
 97            return {
 98                QualityGates: DefineQualityGates(),
 99                AcceptanceCriteria: DefineAcceptanceCriteria(),
100                Readiness: AssessReleaseReadiness(),
101                Approval: ObtainReleaseApproval()
102            };
103        },
104
105        DeploymentTesting: () => {
106            return {
107                PreDeployment: RunPreDeploymentTests(),
108                Deployment: MonitorDeploymentProcess(),
109                PostDeployment: RunPostDeploymentTests(),
110                Rollback: TestRollbackProcedure()
111            };
112        },
113
114        ReleaseMonitoring: () => {
115            return {
116                Performance: MonitorReleasePerformance(),
117                Stability: MonitorReleaseStability(),
118                UserExperience: MonitorUserExperience(),
119                Feedback: CollectUserFeedback()
120            };
121        }
122    }
123 }
```
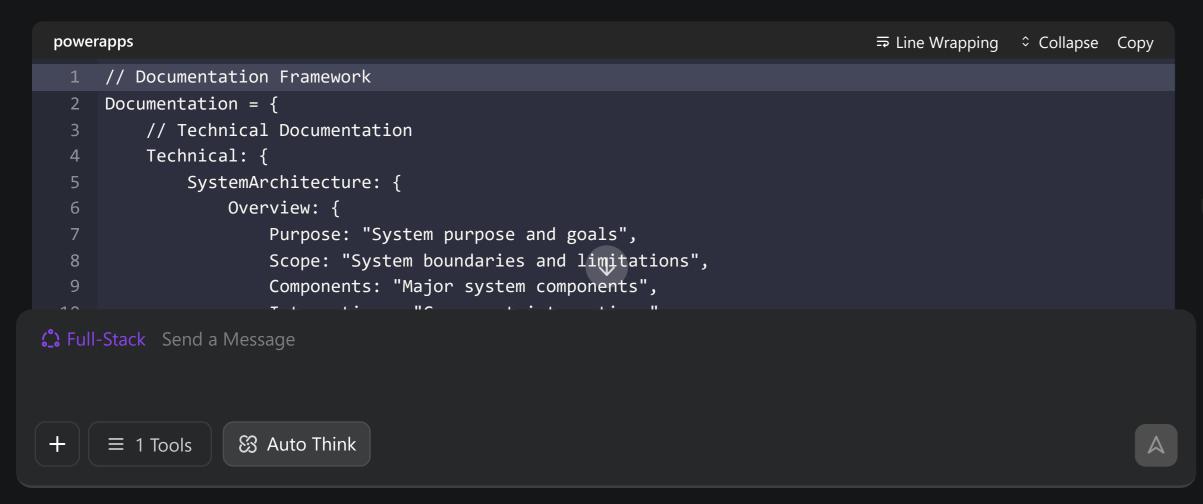
6.7 Documentation and Training

Step 1: Comprehensive Documentation

Documentation Strategy

```powerapps
1   // Documentation Framework
2   Documentation = {
3       // Technical Documentation
4       Technical: {
5           SystemArchitecture: {
6               Overview: {
7                   Purpose: "System purpose and goals",
8                   Scope: "System boundaries and limitations",
9                   Components: "Major system components",
```

Full-Stack   Send a Message

+   1 Tools   Auto Think