**Pakistan Agri Trade Portal (PATP) - Project Tracking Dashboard**

This table is designed with columns that allow you to filter, sort, and track the progress of every single task.

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| **Component** | **Task ID** | **Task Description** | **Status** | **Priority** | **Assigned To** | **% Complete** | **Notes & Dependencies** |
| **Dashboard Visualization** | DV-1 | Develop interactive dashboard with charts, graphs, maps, filters, drill-downs, and tooltips. | Not Started | High | Dev Team | 0% | Depends on DV-3 & DV-4 data integrations |
|  | DV-2 | Create tailored dashboard views for different user groups (Farmers, Policymakers, etc.). | Not Started | Medium | UI/UX Team | 0% | Must follow DV-1 completion |
|  | DV-3 | Integrate with domestic data sources (PBS, provincial agri depts, PSW, SBP) via APIs. | Not Started | High | Backend Team | 0% | **Blocked on formal agreements** |
|  | DV-4 | Integrate with international data sources (FAO, UN Comtrade, etc.) via subscriptions. | Not Started | High | Backend Team | 0% | **Awaiting subscription approval** |
|  | DV-5 | Develop analytical tools for supply/demand, price trends, market opportunities. | Not Started | Medium | Data Science Team | 0% | Requires DV-1 and data access |
|  | DV-6 | Establish sustainable data access mechanisms (APIs, connectors, pipelines). | Not Started | High | Backend Team | 0% | Parallel task to DV-3 & DV-4 |
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| **Portal Core Features** | PF-1 | Display international trade prices for 14 key commodities (daily/weekly). | Not Started | Critical | Dev Team | 0% | Links to Dashboard DV-1 |
|  | PF-2 | Incorporate mechanisms to facilitate import/export of commodities. | Not Started | High | Biz Dev Team | 0% | Requires legal review |
|  | PF-3 | Provide comprehensive operational resources for Farmers, Importers, Exporters. | Not Started | Medium | Content Team | 0% |  |
|  | PF-4 | Showcase information on Suppliers (National/International) for Wheat, Rice, Sugar. | Not Started | Medium | Dev Team | 0% | Needs supplier onboarding process |
|  | PF-5 | Provide mill & storage capacity info for Wheat, Rice, Sugar. | Not Started | Medium | Dev Team | 0% | Dependent on data from associations |
|  | PF-6 | Develop links to MNFSR, attached departments, and their applications. | Not Started | Low | Dev Team | 0% |  |
|  | PF-7 | Maintain updated details of government schemes, services, and advisories. | Not Started | Medium | Content Team | 0% | Ongoing task post-launch |
|  | PF-8 | Link to and integrate with provincial and federal agri-portals. | Not Started | Medium | Backend Team | 0% | **Requires MoUs with provinces** |
|  | PF-9 | Implement role-based user registration with secure login and MFA. | Not Started | Critical | Security Team | 0% |  |
|  | PF-10 | Integrate a Knowledge Management System (KMS). | Not Started | High | Dev Team | 0% | See KMS section below |
|  | PF-11 | Offer virtual consultation services and an AI-powered chatbot. | Not Started | Low | Dev Team | 0% | Phase 2 candidate |
|  | PF-12 | Include content sections for advisories, alerts, programs, and training. | Not Started | Medium | Content Team | 0% |  |
|  | PF-13 | Include discussion forums and community boards. | Not Started | Low | Dev Team | 0% | Phase 2 candidate |
|  | PF-14 | Provide analytics & forecasting tools. | Not Started | Medium | Data Science Team | 0% | Integrates with DV-5 |
|  | PF-15 | Implement a grievance redressal system with tracking. | Not Started | Medium | Dev Team | 0% |  |
|  | PF-16 | Provide direct access to Agri Trade Supply Dashboards. | Not Started | High | Dev Team | 0% | This is the main dashboard (DV-1) |
|  | PF-17 | Implement user engagement tools (social media, feedback, analytics). | Not Started | Low | Marketing Team | 0% |  |
|  | PF-18 | Ensure portal is available in multiple languages (English, Urdu). | Not Started | Medium | UI/UX Team | 0% |  |
|  | PF-19 | Ensure compliance with security controls (ISO 27001) and privacy (GDPR). | Not Started | Critical | Security Team | 0% | Must be designed in from start |
|  |  |  |  |  |  |  |  |
| **Knowledge Management System** | KMS-1 | Create system for uploading large files (docs, videos, etc.). | Not Started | High | Dev Team | 0% |  |
|  | KMS-2 | Implement role-based access management. | Not Started | High | Security Team | 0% | Links to PF-9 |
|  | KMS-3 | Develop automated alerts system for new updates. | Not Started | Medium | Dev Team | 0% |  |
|  | KMS-4 | Provide end-user training, documentation, and support. | Not Started | Medium | Training Team | 0% | Post-deployment task |
|  | KMS-5 | Submit recommendations for long-term maintenance and support. | Not Started | Low | Project Mgmt | 0% | Post-deployment task |
|  | KMS-6 | Implement security features (encryption, access controls). | Not Started | High | Security Team | 0% |  |
|  | KMS-7 | Ensure system is customizable and scalable. | Not Started | High | Dev Team | 0% |  |
|  | KMS-8 | Provide a user-friendly interface with collaboration tools. | Not Started | Medium | UI/UX Team | 0% |  |
|  | KMS-9 | Organize data with AI-driven categorization and version control. | Not Started | Medium | Data Science Team | 0% |  |
|  |  |  |  |  |  |  |  |
| **Vehicle/inventory and Project management** | VMS-1 | Develop centralized vehicle database. | Not Started | Medium | Dev Team | 0% | Synboom team |
|  | IMS-1 | Develop centralized asset/inventory database. | Not Started | Medium | Dev Team | 0% | Synboom Team |
|  | PSDP-1 | Create database for project lifecycle management. | Not Started | Medium | Dev Team | 0% | Synboom Team |
|  | IC-1 | Develop database for MOUs, Agreements, JWGs. | Not Started | Medium | Dev Team | 0% |  |
|  |  |  |  |  |  |  |  |
| **General Tech Requirements** | TECH-1 | Ensure portal is responsive and browser-compatible. | Not Started | High | QA Team | 0% |  |
|  | TECH-2 | Integrate a user-friendly Content Management System (CMS). | Not Started | High | Dev Team | 0% |  |
|  | TECH-3 | Include all license costs in Financial Proposal. | Not Started | High | Finance | 0% |  |
|  | TECH-4 | Create front-end form for User/Role Management. | Not Started | Critical | Dev Team | 0% |  |
|  | TECH-5 | Deploy all systems on a reliable server. | Not Started | Critical | Ops Team | 0% | Synboom ICT team |
|  | TECH-6 | Propose complete server specifications. | Not Started | High | Ops Team | 0% | Synboom ICT Team |
|  | TECH-7 | Deploy systems on Government Cloud Server. | Not Started | Critical | Ops Team | 0% | Synboom ICT Team |
|  | TECH-8 | Provide a Service Level Agreement (SLA). | Not Started | Medium | Project Mgmt | 0% |  |
|  | TECH-9 | Be prepared for other tasks assigned by MNFSR. | N/A | N/A | All | 0% |  |