### **Layered Architecture Diagram:**

| **Presentation layer** |
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| UI Component for Players Coaches Managers Admin  Players Profiles Training Management Communication Tools   Document Management Scouting & Recruitment Report & Dashboard  User Authentication & Authorization User Interfaces |

| **Application Layer** |
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| Business Logic User Request Security & Logistics Management   Player Availability & Selection Security & Data Protection   Match & Tournament Management Injury Tracking   Performance Analysis Communication Services Security Services |

| **Domain Layer** |
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| Core Business Logic Entities Domain Players Domain   Coaches Domain Teams Domain Scouting Domain Recruitment  Domain Communication Tools Domain |

| **Data Access Layer / Database Layer** |
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| Database for -  Player Information Training Schedules   Match & Tournament Information Performance Data  Communication Injury Records Documents   Travel & Logistics Security & Data Protection Feedback |

| **Infrastructure Layer** |
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| Data Storage Retrieval External Integrations Security   Encryption Compliance with Regulations System Components  Backup & Recovery System Database Management System   System Scalability Components Network Infrastructure   Budget Management Components Compatibility Components   Operational Support Components |

| **External Services Layer** |
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| External Integrations with Cricket Associations     Tournament Management Platforms |

| **Technical Services Layer** |
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| IT Administration System Development Updates  Regular Backups Emergency Recovery Plans |

| **Utilities Layer** |
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| Notification Service Search Index Service  Performance Processing Service |